

International Federation of Surveyors
Fédération Internationale des Géomètres
Internationale Vereinigung der Vermessungsingenieure



International Federation of Surveyors

General Assembly

AGENDA AND APPENDICES

4 and 8 May 2009

**Big Blue Hall, Dan Eilat Hotel
Eilat, Israel**

INTERNATIONAL FEDERATION OF SURVEYORS**FIG 32nd GENERAL ASSEMBLY
4 and 8 May 2009
Big Blue Hall, Dan Hotel, Eilat, Israel****PROGRAMME**

Monday, 4 May 2009		
Dan Eilat Hotel, Eilat, Israel		
Monday	09:00-12:00	General Assembly, First Session
4 May	13:30-15:00	
	Big Blue Hall, Dan Eilat	
Monday	15:30-17:30	Commission Annual Meetings
4 May	See programme	
Monday	19:00-21:00	Welcome reception
4 May	Dan Eilat	(all participants)
Tuesday, 5 May – Thursday, 7 May 2009		
FIG Working Week 2009		
Herods Hotel and Dan Eilat Hotel, Eilat, Israel – www.fig.net/fig2009		
Friday, 8 May 2009		
Dan Eilat Hotel, Eilat, Israel		
Friday	09:00-11:00	Presidents' Meeting
8 May	Tarshish Hall, Dan Eilat	for Presidents of Member Associations (or their representatives), by invitation only
Friday	11:30–12:30	General Assembly, Second Session
8 May	Big Blue Hall, Dan Eilat	
Friday	12:30-13:30	Closing Ceremony
8 May	Big Blue Hall, Dan Eilat	

FIG 32nd GENERAL ASSEMBLY

List of Agenda Items

Monday, 4 May, 09:00-12:00 and 13:30-15:00

1. OPENING PROCEEDINGS
2. ROLL CALL
3. APPOINTMENT OF TELLERS
4. ADOPTION OF THE AGENDA
5. ADOPTION OF THE MINUTES OF THE 31st GENERAL ASSEMBLY
6. MEMBERSHIP
7. PRESIDENT'S REPORT
8. CHANGES IN THE FIG COUNCIL AND RESPONSIBILITIES OF THE COUNCIL MEMBERS
9. HONORARY MEMBER
10. ELECTION OF COMMISSION CHAIR ELECT FOR COMMISSION 8 AND 10 FOR 2009-2010
11. REPORTS FROM THE DIRECTORS OF PERMANENT INSTITUTIONS
12. REPORT OF THE PRESIDENT OF THE FIG FOUNDATION
13. REPORTS OF CURRENT TASK FORCES
14. NEW TASK FORCE ON SPATIALLY ENABLED SOCIETIES
15. NEW FIG AFRICA TASK FORCE 2009-2014
16. YOUNG SURVEYORS NETWORK
17. CO-OPERATION WITH THE UNITED NATIONS AND THE WORLD BANK
18. LIAISON WITH INTERNATIONAL PROFESSIONAL ORGANISATIONS
19. CHANGES TO THE FIG INTERNAL RULES
20. FIG ACCOUNTS FOR 2008 AND AUDITOR'S REPORT, AND BUDGET FOR 2009, 2010 AND 2011
21. SUBSCRIPTION RATES FOR 2010
22. ELECTION OF COMMISSION 8 CHAIR ELECT 2009-2010
23. COMMISSION REPORTS

Friday, 8 May, 9:00-11:00 - Presidents' Meeting (by invitation only)

24. PRESIDENTS' MEETING

Friday, 8 May, 11:30-12:30

25. ROLL CALL
26. MEMBERSHIP
27. CO-OPERATION WITH THE FIG CORPORATE MEMBERS
28. DECISION ON THE VENUE OF THE FIG WORKING WEEK 2013
29. 7th FIG REGIONAL CONFERENCE IN HANOI, VIETNAM, 19-22 OCTOBER 2009
30. REPORT THE CONGRESS 2010 IN SYDNEY, AUSTRALIA, 11-16 APRIL 2010
31. PRESENTATION OF CERTIFICATES OF APPRECIATION

FIG 32nd GENERAL ASSEMBLY

AGENDA

for the meetings to be held in the Big Blue Hall at the Dan Eilat Hotel, Eilat, Israel
on the 4th and the 8th of May, 2009

MONDAY 4 MAY

Monday, 4 May, 09:00-12:00 and 13:30-15:00
Big Blue Hall, Dan Eilat Hotel, Eilat, Israel
General Assembly, First Session

1. OPENING PROCEEDINGS

President Stig Enemark to open the 32nd General Assembly.

2. ROLL CALL

Vice President Matt Higgins to take the roll call.

Please note: The roll call will be done for member associations and affiliate members only. Delegates representing academic members, corporate members and correspondents as well as honorary presidents and honorary members will be entered in the records but they shall register before the meeting starts at the meeting place to the FIG officers. Member associations are asked to inform the FIG Office by **30 April 2009** about their attendance and at the same time to submit the names of their delegates and to inform who the leader of the delegation is. That only member associations that have paid all their membership fees to the end of 2008 are allowed to vote at the meeting, a list of member associations that are not allowed to vote will be published on the FIG web site **20 April 2009**.

Appendix to items 2 & 25: Roll Call.

Motion: That present members are recorded in the minutes.

Decision:

3. APPOINTMENT OF TELLERS

Motion: The General Assembly shall appoint two persons as tellers following the principle adopted at the 22nd General Assembly so that the tellers will represent member associations hosting the preceding (the Swedish Association of Chartered Surveyors, SLF – from 1.1.2009 ASPECT – Association for Chartered Surveying, Property Evaluation and Transactions) and the current General Assembly (the Association of Licensed Surveyors in Israel, ALSI). That the General Assembly appoints a delegate from ASPECT and Mr. Yoav Tal from ALSI as a teller for the two sessions of the General Assembly.

Decision:

4. ADOPTION OF THE AGENDA

Motion: That the agenda be adopted.

Decision:

5. ADOPTION OF THE MINUTES OF THE 31ST GENERAL ASSEMBLY

Minutes have been circulated previously.

Appendix to item 5: Minutes of the General Assembly in Stockholm, Sweden, June 2008, without appendices.

Motion: That the minutes be adopted as recorded.

Decision:

6. MEMBERSHIP

6.1 Acceptance of new members

6.1.1 Association des Géomètres Experts du Niger (AGEN)

Association des Géomètres Experts du Niger (AGEN) (Association of Niger Surveyors) has submitted an application to become a member association of FIG from Niger. The association has been constituted in January 2006 by a law on the order of surveyors. The association has currently 50 members. The application meets the criteria for membership in FIG as a member association. The Council has considered the application and believes that the association meets criteria for membership of FIG as a member association.

Appendix to item 6.1.1: Membership application from the Association des Géomètres Experts du Niger (AGEN)

Motion: That the General Assembly admits the Association des Géomètres Experts du Niger (AGEN) to become a member association of FIG.

Decision:

6.2 Other membership issues

Affiliate membership

Nepal was expelled from FIG affiliate membership in Stockholm because of unpaid membership fees. After the meeting Survey Department, Government of Nepal wanted to restore the membership after changes in the structure of the Nepalese government and has paid most of the arrears. The Council has therefore restored the affiliate membership the Survey Department, Government of Nepal.

After this change the number of affiliate members is 28.

Corporate members

The Council has admitted the following three companies to become a Corporate Member of FIG:

- Magellan Navigation, USA (Corporate level C)

- REIDIN.com, United Arab Emirates (Corporate level F)
- ORBITS Engineering Firm, Saudi Arabia (Corporate level F)

The Council has expelled the following corporate member because of unpaid membership fees:

- SEDIC - Sudan Engineering and Digital Information Center, Sudan (Corporate level E)
- Galileo Instruments, Inc., USA (Corporate level F)

The number of corporate members is now 35.

Academic members

The Council has admitted the following six universities and institutions to become an academic member:

- Institute of Land Administration, Bahir Dar University, Ethiopia
- School of Civil Engineering and Geosciences, Newcastle University, United Kingdom
- Palestine Polytechnic University, Hebron, Palestine Authority
- National Research Institute of Astronomy & Geophysics, Egypt
- Technion – Israel Institute of Technology, Mapping and Geo-Information Engineering, Israel
- Universidad Autónoma de Nuevo León, Topography Department of the Civil Engineer Institute, Mexico

The Council has decided to expel following academic members because their membership fees are more than two years in arrears:

- University of Mines and Technology, Department of Geodetic Engineering, Ghana
- Universidad de San Carlos de Guatemala, Faculty of Agronomy, Guatemala
- Universiti Teknologi Malaysia, Department of Geomatics Engineering, Malaysia
- Polytechnic University of Puerto Rico, Geomatic Sciences Department, Puerto Rico, USA
- University College of Lands and Architectural Studies – UCLAS, Department of Land Surveying, Tanzania
- Istanbul Technical University, Civil Engineering Faculty, Department of Geodesy and Photogrammetry, Turkey
- Ferris State University, Surveying Engineering, USA

The number of Academic Members after these changes is 79.

Motion: That the General Assembly notes the actions that the Council has taken with other membership matters.

Decision:

7. PRESIDENT’S REPORT

The President has prepared a report on the activities of the President and the Council between the General Assembly in Stockholm and Eilat. The President will give a subsequent report orally at the meeting.

Appendix to item 7: President’s report.

Motion: That the General Assembly accepts the President’s report.

Decision:

8. CHANGES IN THE FIG COUNCIL AND RESPONSIBILITIES OF THE COUNCIL MEMBERS

The General Assembly elected Mr. Iain Greenway from United Kingdom and Mr. Teo CheeHai for a Vice President of FIG for 2009-2012. At the same time the term of office of Mr. Ken Allred from Canada and Prof. Paul van der Molen from the Netherlands finished at the end of 2008.

The Council has agreed on responsibilities of the Council members after the new Vice Presidents Teo CheeHai and Iain Greenway took the office 1 January 2009. The revised list of responsibilities responds to the professional qualifications of the Council members as well as to their regional distribution.

Appendix to item 8: Responsibilities of Council members 2009-2010

Motion: That the General Assembly records it thanks to Mr. Ken Allred and Prof. Paul van der Molen for the services that they have provided for the Federation over many years as Council members. That the General Assembly further records the new Vice Presidents and admits them the FIG officer badges. That the General Assembly further endorses the list of responsibilities for the Council members for 2009-2010.

Decision:

9. HONORARY MEMBER

The Canadian Institute of Geomatics has proposed to the Council that Mr. Ken Allred would be awarded with the Honorary Membership of FIG. Ken Allred is an immediate past Vice President of FIG (2005-2008) and has been active in FIG for more than 25 years. In addition following contributions from Ken Allred to FIG should be mentioned:

- Commission 1 Chair 1994-1998 and Vice Chair 1990 – 1994
- Canadian delegate on FIG Commission 1 - Professional Practice from 1981 until 2005
- Member of the organizing committee for the FIG Symposium on the Decision Maker and LIS in Edmonton in 1984
- Member on the FIG Task Forces on the Exchange of Surveying Personnel; on Constituting Professional Associations; and on Cultures and Languages
- Chair of the Task Force on FIG Governance Structure
- Director of the FIG Foundation (2005-2008)
- regular attendee at FIG congresses since 1977 to which he has presented numerous papers and participated in various workshops.

Appendix to item 9: The nomination letter from the Canadian Institute of Geomatics and CV of Mr. Ken Allred.

According to the Statutes paragraph 3.1.7 an individual who has materially assisted the development and promotion of the surveying profession at the international level can be appointed as an honorary member. Nomination for this appointment shall be made by a member association or the Council, which will consider it and submit it to a vote of the General Assembly.

The Council has considered the proposal and decided to propose to the General Assembly that it appoints Mr. Ken Allred as an Honorary Member of the Federation for the outstanding services he has provided to the Federation in different positions and functions.

Motion: That the General Assembly appoints Mr. Ken Allred an Honorary Member of FIG.

Decision:

10. ELECTION OF COMMISSION CHAIR ELECT FOR COMMISSION 8 AND 10 FOR 2009-2010

According to the FIG Statutes and Internal Rules the General Assembly appoints Commission Chairs Elect at its meeting two years prior to the Congress. These Chairs Elect will then automatically become Chairs of the Commissions for the next term of office. At the meeting in Stockholm all other Chairs Elect were appointed except Commission 8 and 10.

The Council has asked for nominations for candidates to these two commissions. For Commission 8 two nominations were received:

- Mr. Wafula Nabutola, Kenya (ISK)
- Dr. Richard Sliuzas, the Netherlands (GIN)

Appendix to item 10 and 22: Nomination templates of candidates to Commission 8 Chairs Elect for 2009-2010:

- Mr. Wafula Nabutola, Kenya (ISK)
- Dr. Richard Sliuzas, the Netherlands (GIN)

The Council has evaluated the nominations and considers that both candidates are well qualified to chair Commission 8 in the future and thus decided to propose to the General Assembly that it makes the election between these two candidates.

At the first session of the General Assembly each candidate will be given 3 minutes to introduce himself and his agenda how to develop the Commission if he will be elected. The election will take place at the end of the first session of the General Assembly, 4 May 2009.

As there are no nominations for Commission 10, the Council has decided that it will propose to the General Assembly in Sydney that Commission 10 will be terminated unless there will be a candidate by the end December 2009. In the case that Commission 10 will be closed, its activities will be moved to appropriate Commission(s) as to be agreed with ACCO and decided by the General Assembly.

Motion: That the General Assembly notes the presentations and decides to make the election at the end of the first session of the General Assembly on the 4th May 2009.

Decision:

11. REPORTS FROM THE DIRECTORS OF PERMANENT INSTITUTIONS

11.1 International Office of Cadastre and Land Records (Office International du Cadastre et du Régime Foncier) OICRF

Prof. Paul van der Molen, Director of OICRF has prepared a report on the OICRF activities since the General Assembly in Stockholm. He will make a short subsequent report orally at the General Assembly.

Appendix to item 11.1: Report from the International Office of Cadastre and Land Records (Office International du Cadastre et du Régime Foncier) OICRF.

Motion: That the General Assembly adopts the report and records its thanks to the Director and the members of the permanent institution for their past year's work.

Decision:

11.2 International Institution for the History of Surveying and Measurement, Permanent Institution of FIG

Mr. Jan de Graeve, President of the IIHSM has prepared a report on the IIHSM activities since the General Assembly in Stockholm.

An FIG Publication on the IIHMS and its achievements is under preparation and expected to be launched at the General Assembly in Eilat.

Appendix to item 11.2: Report from the International Institution for the History of Surveying and Measurement, Permanent Institution of FIG.

Motion: That the General Assembly adopts the report and records its thanks to the Director and the members of the permanent institution for their past year's work.

Decision:

12. REPORT OF THE PRESIDENT OF THE FIG FOUNDATION

Mr. John Hohol, President of the FIG Foundation has prepared a report on the FIG Foundation activities from June 2008 to February 2009. He will make a subsequent report orally at the General Assembly.

The FIG Council has appointed Mr. Warwick Watkins from Australia as a new Director in the Board of Directors for 2009-2010 after Ken Allred's term of office in the Council and in the Board was concluded at the end of 2008. The new Council representative in the Board of Directors is Vice President Iain Greenway.

Appendix to item 12: Report of the FIG Foundation activities June 2008 – February 2009.

Motion: That the General Assembly adopts the report of the President of the FIG Foundation and records its thanks to the President and members of the Board of Directors of the FIG Foundation for their past year's work. That the General Assembly records its thanks to Ken Allred as Director in the FIG Foundation and endorses the appointment of Warwick Watkins as new Director for 2009-2010.

Decision:

13. REPORTS OF CURRENT TASK FORCES

At the moment FIG has two Task Forces: 1) Institutional and Organisational Development, chaired by Iain Greenway; and 2) Developing Global Land Tools for Pro Poor Land Management, chaired by Paul van der Molen (including the FIG/UN-HABITAT co-operation in Global Land Tool Network and developing Social Tenure Domain Model).

Iain Greenway has prepared a report on the progress of the Task Force on Institutional and Organisational Development. He will make a subsequent report at the meeting.

Appendix to item 13: Report on the Task Force on Institutional and Organisational Development

The tasks of the Task Force on Developing Global Land Tools for Pro Poor Land Management (<http://www.fig.net/tf/landtools/index.htm>) have in fact been taken over by the President because of

change in the policies of UN-HABITAT. The FIG activities with UN-HABITAT are now concentrated in the Global Land Tool Network where President Enemark is representing FIG in the International Advisory Board and in the project on Social Tenure Domain Model. The President reports on these under agenda item Co-operation with the United Nations.

Motion: That the General Assembly records the reports and its thanks to the Chairs of the Task Forces and their members.

Decision:

14. NEW TASK FORCE ON SPATIALLY ENABLED SOCIETIES

The Council has decided in February 2009 to establish a new short term Task Force with the aim to explore the issue of Spatially Enabled Societies (SES) from a cadastral and surveyor's point of view. Dr. Daniel Steudler from Switzerland has been appointed to chair this task force with following members: Dr. Abbas Rajabifard (President elect of GSDI), Kari Strande (Norway), and Teo CheeHai (Vice President, Malaysia). The results of the Task Force will be published in a report that will be launched at the FIG Congress 2010.

Appendix to item 14: Terms of Reference for the FIG Task Force on Spatially Enabled Societies.

Motion: That the General Assembly adopts the establishment of the FIG Task Force on Spatially Enabled Societies and endorses its terms of reference.

Decision:

15. NEW FIG AFRICA TASK FORCE 2009-2014

The Council established in February 2009 a new FIG Africa Task Force for the term of office 2009-2014. The Task Force focus is on the African Surveying Profession and how it can best contribute to meet the key challenges of poverty alleviation, economic growth, and environmental sustainability. The key purpose is to enable the surveying profession in Sub Saharan Africa to deal with social responsibility in terms of contributing to achieving the MDGs. The Council appointed Dr. Diane Dumashie, current Chair of FIG Commission 8, United Kingdom, to chair this Task Force. Members of the Task Force will include key persons anticipated to be representatives from East, South, Central and Western African countries.

Appendix to item 15: Terms of Reference for the FIG Africa Task Force.

Motion: That the General Assembly adopts the establishment of the FIG Africa Task Force for 2009-2014 and endorses its terms of reference.

Decision:

16. YOUNG SURVEYORS NETWORK

The Young Surveyors Working Group under Commission 1 has made a good progress and achieved great results at the Working Week in Stockholm in June 2008 including special programme for students and young surveyors and speed mentoring. Some of these activities were proposed to be included as permanent components in future FIG events. The Council decided in February 2009 to give the Young Surveyors Working Group a more visible role on the FIG agenda and therefore established the Young Surveyors Network. The Network would give the group more independency and recognises its cross commission nature. Formally the Network will stay as a working group under

Commission 1 in the same way as the Standards Network has today. The Council also recognised that to develop the work of the Young Surveyors Network to more professional and consistent level some financial support will be needed. This can be partly arranged through the proposed special reserves in the budget, but it is equally important to get the member associations to understand their role and responsibility in this respect.

Appendix to item 16: Terms of Reference of the Young Surveyors Network.

Motion: That the General Assembly adopts the establishment of the Young Surveyors Network and endorses its terms of reference and the appointment of Cecilia Lindén from Sweden as the chair of the Network until the end of 2010.

Decision:

17. CO-OPERATION WITH THE UNITED NATIONS AND THE WORLD BANK

As part of the Work Plan 2007-2010 the Council has established the UN Liaison Committee – FIG Responses to the Millennium Development Goals to coordinate co-operation with the United Nations and the World Bank. The Liaison Committee is chaired by the President. The Council appointed in February 2009 Prof. Paul van der Molen, the Netherlands, as the FIG Liaison Ambassador for the United Nations for 2009-2010.

President and the Liaison Committee have prepared a report on the co-operation between FIG and the United Nations including the World Bank since the General Assembly in Stockholm.

The main issues in the co-operation with the United Nations and the World Bank during this period have been:

- Attendance to the 4th World Urban Forum organised by UN-HABITAT in Nanjing, China, 4-8 November 2008 including the meetings of the Global Land Tools Network
- Co-operation with UN FAO including the joint FIG/FAO/CNG International Symposium in Verona, Italy, 9-10 September 2008
- The Joint FIG/World Bank International Conference on Land Governance in Support of the Millennium Development Goals: Responding to New Challenges, Washington DC, USA, 9-10 March 2009
- Participation to the work of the International Committee on Global Navigation Satellite Systems (ICG)

Appendix to item 17: Report on the co-operation between FIG and the United Nations and the World Bank.

Motion: That the General Assembly adopts the report on the co-operation between FIG and the United Nations, its agencies and the World Bank and records its thanks to the members of the Liaison Committee and all those who have contributed to this co-operation.

Decision:

18. LIAISON WITH INTERNATIONAL PROFESSIONAL ORGANISATIONS

The Joint Board of Spatial Information Societies JB-GIS was formally established during the FIG Working Week in Cairo in 2005 and meets annually during a major conference. The meeting of JB-GIS in 2008 was held in conjunction to the XXI ISPRS Congress in Beijing, China in July 2008. The meeting included some fruitful information on current activities and discussions on future cooperation and collaboration between the organisations. A key issue was development of the Geographic

Information Knowledge Network (GIK Network) that is a huge common project led by GSDI to serve the global geographic information community at large. The goal of this facility is to enhance communications and sharing among geospatial specialists and organisations from all nations. Another key project is about establishing an ad hoc committee on Risk and Disaster Management.

FIG has further bilateral agreements of co-operation with several other international associations like ISM, IFHP, CIB, ION, ICEC, FIABCI and IFHS. Some of the partners are also working together in the Habitat Professionals Forum. President Stig Enemark has been acting as Chairperson of the Habitat Professionals Forum until the end of 2008 when the chairmanship was moved over to the President of IFHP.

FIG is a member of the International Council for Science (ICSU) and working together with ISO and International Valuation Standards Committee (IVSC) on standards.

Motion: That the General Assembly confirms the report on the liaison with other international associations.

Decision:

19. CHANGES TO THE FIG INTERNAL RULES

The FIG General Assembly endorsed the FIG Statutes and Internal Rules in Stockholm in June 2008. After the meeting geosuisse from Switzerland has sent the Council a letter proposing two changes to the FIG internal rules related to nominations for elections. These proposals are: 1) Candidate shall decide clearly for which function he/she will apply and to omit multiple choice applications; 2) Same association should not lead more than one commission at the same time.

The Council has considered these proposals and decided to propose to the General Assembly to add a new Internal Rule 9.4 § and to change Internal Rules 11.4 § and 11.8 § that take into account the proposals of geosuisse. In addition to the geosuisse's proposal the Council decision includes a change into the Internal Rules so that it will not be possible for a current Commission Chair or Chair Elect to stand up as a candidate for the Council or other position in the Federation so that the terms of office would overlap.

Appendix to item 19: Changes to Internal Rules.

Motion: That the General Assembly approves the proposed new Internal Rule 9.4§ and proposed changes to Internal Rules 11.4 § and 11.8 §.

Decision:

20. FIG ACCOUNTS FOR 2008 AND AUDITOR'S REPORT, AND BUDGET FOR 2009, 2010 AND 2011

Vice President Iain Greenway and General Manager John Neel have prepared a report on the FIG Financial Issues. Iain Greenway will present the report to the General Assembly. This report includes summary of 2008 accounts, an updated budget for 2009 and proposals for budgets 2010-11 with notes.

The Auditors Report includes the auditors report from 2008, official accounts (income statement 2008) and balance sheet 31 December 2008.

Appendix to item 20: Report on Financial Issues (including 2008 accounts and budgets 2009-2011)

Annexes:

- 20A** Auditor's Report, Income Statement for 2008 and Balance Sheet at 31 December 2008.
20B Financial reporting template
20C FIG Budgets 2009-2011
20D List of member associations whose membership fees are in arrears for 2008 and earlier and that are not allowed to vote, to be published on the FIG web site **20 April 2009**.

Motion: That the General Assembly approves following motions from the finance report:

- changes to the financial reporting template, presented as Annex 21B
- creation of general and specific reserves for FIG, as described in section 5 of the finance report (including commission reserves; office development activities; support for very poor member associations; support for Task Forces; and activities with young surveyors
- that the General Reserve will be managed by the Council in the range 90-100% of regular annual expenditure, and that Council will review this range every two years (when agreeing the work plan for each new Council, and at the mid-term review of the work plan.

That the General Assembly adopts the audited accounts for 2008 and budgets for 2009–2011.

Decision:

21. SUBSCRIPTION RATES FOR 2010

The General Assembly has to set levels of fees for member associations two years in advance of the year in which they become payable. Fees are payable in respect of each individual member up to a maximum of 4,000 members; member associations with more than 4,000 members are paying fees in accordance with a sliding scale. Membership fees have been discussed as part of the finance report, **appendix to item 20**.

The 2008 General Assembly approved membership fees for 2010 as follows:

<u>Year</u>	<u>Per capita fee</u>	<u>Minimum fee</u>	<u>Maximum fee</u>
2009	4.18 € per member up to a maximum of 4,000 members. Member associations from countries listed by the World Bank as low-income economies or lower-middle-income economies shall pay 2.09 € per member up to a maximum of 4,000 members.	200 EUR	136 per cent of the fee payable by an association with 4,000 members
2010	4.30 € per member up to a maximum of 4,000 members Member associations from countries listed by the World Bank as low-income economies or lower-middle-income economies shall pay 2.15 € member up to a maximum of 4,000 members.	200 EUR	139 per cent of the fee payable by an association with 4,000 members (equal to 5,440 members).

The World Bank lists of the low-income economies and the lower-middle-income economies are available at:

<http://web.worldbank.org/WBSITE/EXTERNAL/DATASTATISTICS/0,,contentMDK:20421402~pagePK:64133150~piPK:64133175~theSitePK:239419,00.html>

On consideration of the table above, and in light of comments by a number of (small and large) member associations, the Council proposes two structural changes:

- To fix the sliding maximum scale for subscriptions at 5,500 members from 2010;
- To reduce the minimum number of members used in calculating the subscription to 20, and the minimum annual subscription to €50 (whichever of the two figures is the greater). This is to address particular concerns raised by some African countries.

In addition, the Council has reflected on the size of the FIG reserve, and the current financial situation. The Council believes that the finances of the Federation are healthy enough to freeze 2010 subscriptions at 2009 levels. Recognising the impacts of the current economic situation on all members, Council therefore proposes that the General Assembly amend the subscription rates for member associations for 2010, and sets 2011 subscriptions as in the table below:

<u>Year</u>	<u>Per capita fee</u>	<u>Minimum fee</u>	<u>Maximum fee</u>
2009	4.18 € per member up to a maximum of 4,000 members. Member associations from countries listed by the World Bank as low-income economies or lower-middle-income economies shall pay 2.09 € per member up to a maximum of 4,000 members.	200 €	136 per cent of the fee payable by an association with 4,000 members
2010	4.18 € per member up to a maximum of 5,500 members. Member associations from countries listed by the World Bank as low-income economies or lower-middle-income economies shall pay 2.09 € per member up to a maximum of 5,500 members.	20 members or 50 € (whichever is greater)	5,500 members (22,290 €)
2011	4.30 € per member up to a maximum of 5,500 members Member associations from countries listed by the World Bank as low-income economies or lower-middle-income economies shall pay 2.15 € member up to a maximum of 5,500 members.	20 members or 50 € (whichever is greater)	5,500 members (23,560 €)

The Council intends to follow the same principle of freezing 2010 subscriptions at 2009 levels when setting subscription levels for other categories of members.

The Council proposes to the General Assembly to increase membership fees for member associations for 2011 with 2.9 per cent to 4.30 € per member from 2010.

Motion: That the General Assembly adopts following membership fees payable by member associations in 2010 and 2011:

<u>Year</u>	<u>Per capita fee</u>	<u>Minimum fee</u>	<u>Maximum fee</u>
2010	4.18 € per member up to a maximum of 5,500 members. Member associations from countries listed by the World Bank as low-income economies or lower-middle-income economies shall pay 2.09 € per member up to a maximum of 5,500 members.	20 members or 50 € (whichever is greater)	5,500 members (22,290 €)
2011	4.30 € per member up to a maximum of 5,500 members Member associations from countries listed by the World Bank as low-income economies or lower-middle-income economies shall pay 2.15 € member up to a maximum of 5,500 members.	20 members or 50 € (whichever is greater)	5,500 members (23,560 €)

Decision:

22. ELECTION OF COMMISSION 8 CHAIR ELECT 2009-2010

The General Assembly has listened to the presentations of the two candidates for the position of Commission 8 Chairs Elect earlier at this session. The election will take place in this session. The term of office of the elected Chair Elect will be 4.5.2009-31.12.2010. Under normal circumstances the Chair Elect will be automatically elected as Chair of his Commission for the term of office 1.1.2011-31.12.2014. According to the Internal Rules the election will take place with blind ballots.

The election will take place on the following candidates:

- Mr. Wafula Nabutola, Kenya (ISK)
- Dr. Richard Sliuzas, the Netherlands (GIN)

Appendix to item 10 and 22: Nomination templates of candidates to Commission 8 Chairs Elect for 2009-2010:

- Mr. Wafula Nabutola, Kenya (ISK)
- Dr. Richard Sliuzas, the Netherlands (GIN)

Motion: That the General Assembly elects the Chair Elect to Commission 8.

Decision:

23. COMMISSION REPORTS

Vice President Matt Higgins, Chair of ACCO will make an oral presentation on behalf of the ACCO on the Commission activities and on results of the ACCO meeting to be held in Eilat. In his oral presentation he will raise a few questions that will be discussed with the FIG members at the meeting. In the first session of the General Assembly 1-1.5 hours will be reserved for a podium discussion with Commission chairs chaired by Matt Higgins. The discussion will focus on 3-4 topics of common interest following the concept that was successfully implemented at the General Assembly in Hong Kong; each Commission will present two slides; one on Commission highlights and one on challenges to implement the current Commission work plan.

Each Commission Chair has submitted a written report on their Commission activities since the FIG Working Week in Stockholm. These reports include progress reports of the Commission working groups. Each Commission will hold an annual or other meeting during the Working Week in Eilat.

Appendices to item 23: Commission reports:

- Commission 1
- Commission 2
- Commission 3
- Commission 4
- Commission 5
- Commission 6
- Commission 7
- Commission 8
- Commission 9
- Commission 10

Motion: That the General Assembly adopts the reports of the Commission chairs and records its thanks to the chairs and other officers of the Commissions for their past year's work. That the General Assembly endorses following changes in the Commission work plans and Working Groups:

- Commission 1: David Martin will take the position as Chair of the FIG Standards Network during 2009
- Commission 1: Young Surveyors Working Group will be turned to Young Surveyors Network and will be chaired by Cecilia Lindén to the end of 2010.
- Commission 9: Dieter Kertscher from Germany has taken over the chair in Working Group 9.5 – GIS-analyses in Real Estate Market Analyses and Valuation
- Commission 10: New chair is sought for Working Group 10.2 – Commercial Management

That the General Assembly records the discussion with the Commission Chairs at the ACCO podium discussion and gives the follow-up action to the Council and ACCO.

Decision:

FRIDAY 8 MAY 2009

Friday, 8 May, 9:00-11:00
Tarshish Hall, Dan Eilat Hotel
Presidents' Meeting (by invitation only)

24. PRESIDENTS' MEETING

Separate invitation to Presidents of the Member Associations.

Friday, 8 May, 11:30–12:30
Big Blue, Dan Eilat Hotel
General Assembly, Second Session

25. ROLL CALL

Vice President Matt Higgins to take the roll call.

Please note: The roll call will be done for member associations and affiliate members only. Delegates representing academic members, corporate members and correspondents as well as honorary presidents and honorary members will be entered in the records but they shall register before the meeting starts at the meeting place to the FIG officers. That only member associations that have paid all their membership fees to the end of 2008 are allowed to vote at the meeting, a list of member associations that are not allowed to vote will be published on the FIG web site **20 April 2009**.

To be noted that the General Assembly has appointed a delegate from ASPECT, Sweden and Mr. Yoav Tal from ALSI, Israel as tellers to this session of the General Assembly.

Appendix to items 2 & 25: Roll Call.

Motion: That present members are recorded in the minutes.

Decision:

26. MEMBERSHIP

The Council will decide on other membership issues in Eilat and bring them for the General Assembly for decision or information as necessary.

Motion: That the General Assembly decides on the membership issues based on the proposal of the Council.

Decision:

27. CO-OPERATION WITH THE FIG CORPORATE MEMBERS

A traditional meeting for FIG Corporate Members will be organised in Eilat. A report on the FIG Corporate Member policy and co-operation will be given at the meeting.

Motion: That the General Assembly records the report.

Decision:

28. DECISION ON THE VENUE OF THE FIG WORKING WEEK 2013

According to the statutes the venue of the FIG Working Weeks and Congresses will be decided four years prior the event. For hosting the FIG Working Week 2013 the only bid received was made by the Nigerian Institution of Surveyors (NIS). NIS proposes to organise the FIG Working Week 2013 in Abuja, the capital city of Nigeria. FIG General Assembly has been organised earlier in Ibadan, Nigeria in 1976, when the PC Meeting was for the first time held in Africa.

In the NIS's bid it is stated that NIS shall be hosting the Working Week in co-operation with all FIG accredited member organisations in Nigeria. All the relevant Federal Government of Nigeria Ministries/Para-statal such as Presidency, Foreign Affairs, Transport, Housing, Tourism, Federal Capital Territory, Office of the Surveyor General of the Federation, Surveyors Council of Nigeria, Oil & Gas Multinational Companies, etc. are to partake in sponsoring the Working Week.

The Council has considered the proposal and made the conclusion the NIS is well prepared and able to host the Working Week. It is also one of the most active member associations to attend and contribute to the FIG conferences. The Council further stated that meeting and other facilities in Abuja will satisfy the needs of FIG and its meeting requirements. The Council however stated the NIS's bid requires some clarifications so that it will fit to the concept of FIG Working Weeks, and guarantees right split of responsibilities between FIG and NIS. The Council is working on these open issues, so that a preliminary agreement on the arrangements can be signed in Eilat before the final decision will be made by the General Assembly.

Appendix to item 28: Bid from Nigerian Institution of Surveyors to host FIG Working Week 2013.

Motion: That the General Assembly decides to adopt the bid from the Nigerian Institution of Surveyors to host the Working Week 2013 jointly with FIG in Abuja, Nigeria.

Decision:

29. 7th FIG REGIONAL CONFERENCE IN HANOI, VIETNAM, 19-22 OCTOBER 2009

The 7th FIG Regional Conference will be held in Hanoi, Vietnam 19-22 October 2009. It will be organised jointly by the Viet Nam Association of Geodesy, Photogrammetry and Remote Sensing and FIG. Representatives of VGCR will give the General Assembly a report on the arrangements of the Regional Conference. The conference web site is available at: www.fig.net/vietnam.

Motion: That the General Assembly records the report for information.

Decision:

30. REPORT THE CONGRESS 2010 IN SYDNEY, AUSTRALIA, 11-16 APRIL 2010

The hosts of the FIG Congress 2010 (ISA, Australia) will give the General Assembly a report on the preparations of the next FIG Congress to be held in Sydney, Australia, 9-16 April 2010. Conference web site: www.fig2010.com.

Motion: That the General Assembly records the report for information.

Decision:

31. PRESENTATION OF CERTIFICATES OF APPRECIATION

CLOSING CEREMONY

**32nd General Assembly
Eilat, Israel, 4 and 8 May 2009**

Roll Call

<u>MEMBER ASSOCIATIONS</u>	4 May	8 May
Algeria Ordre des Géomètres-Experts Fonciers		
Argentina Federación Argentina de Agrimensores FADA		
Armenia Association of Private Surveyors APS		
Australia The Institution of Surveyors, Australia ISA		
Austria Österreichische Gesellschaft für Vermessung und Geoinformation (Austrian Society for Surveying and Geoinformation) OVG		
Belarus Land Reform Association		
Belgium Union Belge des Géomètres-Experts Immobiliers		
Benin Syndicat National des Géomètres-Topographes et Assimilés du Bénin SYNAGETAB		
Botswana Botswana Surveying and Mapping Association		
Brazil Brazilian Society of Cartography, Geodesy, Photogrammetry and Remote Sensing SBC		
Brazil FENEA - Federação Nacional dos Engenheiros Agrimensores		
Brunei Darussalam Brunei Institution of Geomatics, BIC		
Bulgaria Union of Surveyors and Land Managers in Bulgaria		
Bulgaria Chamber of Graduate Surveyors from Bulgaria		
Burkina Faso Association des Geometres et Topographes du Burkina AGT-B		
Cameroon Ordre National des Geometres du Cameroun OGEC		
Canada The Canadian Institute of Geomatics CIG		
China P.R. Chinese Society of Geodesy, Photogrammetry and Cartography		
China P. R. China Institute of Real Estate Appraisers and Agents CIREA		
Congo D. R. Federation des Ingenieurs Geometres-Topographes		
Costa Rica Colegio de Ingenieros Topógrafos de Costa Rica CFIA		
Croatia Croatian Geodetic Society HGD		
Cyprus Association of Rural Surveying Engineers of Cyprus		
Czech Republic Czech Union of Surveyors and Cartographers CSVTS		
Czech Republic Czech Association of Certified Property Appraisers CSCOM		
Denmark Den danske Landinspektørforening DdL		
Egypt Egyptian Committee of Surveying and Mapping ECSM		
Estonia Eesti Geodeetide Ühing EGÜ (Association of Estonian Surveyors)		
Fiji Fiji Institute of Surveyors		
Finland Suomen Maanmittausinsinöörien Liitto MIL (The Finnish Association of Surveyors)		

Finland Maanmittausalan ammattikorkeakoulu- ja opistoteknisten Liitto MAKLI ry		
France Ordre des Géomètres-Experts OGE		
France Association Française de Topographie AFT		
Georgia Society of Professionals of Land Information Technologies SPLIT		
Germany DVW – Deutscher Verein für Vermessungswesen – Gesellschaft für Geodäsie, Geoinformation und Landmanagement		
Ghana Ghana Institution of Surveyors GhIS		
Greece Technical Chamber of Greece TEE		
Greece Hellenic Association of Rural and Surveying Engineers HARSE		
Hong Kong SAR, China The Hong Kong Institute of Surveyors HKIS		
Hong Kong SAR, China The Hong Kong Institution of Engineering Surveyors HKInstES		
Hungary Magyar Földmérési, Térképészeti és Távérzkelési Társaság MFTTT		
Indonesia Ikatan Surveyor Indonesia ISI		
Iran, Islamic Republic Iranian Society of Surveyors ISS		
Ireland The Society of Chartered Surveyors SCS		
Ireland The Irish Institution of Surveyors IIS		
Israel Association of Licensed Surveyors in Israel ALSI		
Italy Consiglio Nazionale Geometri CNG		
Jamaica The Land Surveyors Association of Jamaica LSAJ		
Japan Nippon Sokuryosha Renmei (Japan Federation of Surveyors JFS)		
Kenya Institution of Surveyors of Kenya ISK		
Korea, Republic of Korea Confederation of Surveyors		
Kosovo Kosova Surveyors Association		
Latvia Latvian Associations of Surveyors LMB		
Lebanon Ordre des Géomètres-Topographes du Liban		
Lithuania Lithuanian Association of Surveyors LMA		
Lithuania Lithuanian Association of Property Valuers LTVA		
Luxembourg Ordre Luxembourg des Géomètres OLG		
Malaysia Association of Authorised Land Surveyors Malaysia PEJUTA		
Malta Land Surveyor Society		
Mexico Colegio de Ingenieros Topógrafos A.C. CITAC		
Mongolia Mongolian Association of Geodesy and Cartography MAGaC		
Morocco Ordre National des Ingénieurs Géomètres-Topographes ONIGT		
Netherlands Geo-informatie Nederland GIN		
New Zealand New Zealand Institute of Surveyors NZIS		
*) Niger Association des Géomètres Experts du Niger AGEN		
Nigeria Nigerian Institution of Surveyors NIS		
Nigeria The Nigerian Institute of Quantity Surveyors NIQS		
Norway Norges Jordskifte kandidatforening NJKF, faglig gruppe af NIF		
Palestinian Authority Licensed Surveyors Association in Palestine		
Papua New Guinea Association of Surveyors of Papua New Guinea		

ASPGN		
Philippines Geodetic Engineers of the Philippines, Inc.		
Poland Stowarzyszenie Geodetow Polskich SGP		
Portugal Ordem dos Engenheiros, Colégio de Engenharia Geografica ORDENG		
Puerto Rico, USA Colegio de Ingenieros y Agrimensores de Puerto Rico CIAPR		
Romania Union of Romanian Geodesy		
Romania Romanian Association of Private Surveyors APCGCR		
Russian Federation Federal Service of Geodesy and Cartography of Russia		
Republic of Serbia Union of Surveying Engineers of Serbia		
Slovak Republic Slovak Union of Surveyors and Cartographers		
Slovak Republic Chamber of Surveyors and Cartographers KGK		
Slovenia Association of Surveyors of Slovenia ZGS		
South Africa South African Council for Professional and Technical Surveyors PLATO		
Spain Ilustre Colegio Oficial de Ingenieros Técnicos de Topografía		
Sri Lanka Surveyors' Institute of Sri Lanka		
Sweden Association for Chartered Surveying, Property Evaluation and Transactions - ASPECT		
Switzerland geosuisse - Swiss society of geomatics and landmanagement		
Syria Order of Syrian Engineers and Architects		
Tanzania Institution of Surveyors of Tanzania IST		
Trinidad and Tobago Institute of Surveyors of Trinidad and Tobago		
Tunisia Association Nationale des Ingenieurs Géomètres-Experts Tunisiens ANIGET		
Turkey TMMOB Chamber of Surveying Engineers of Turkey		
Ukraine Ukrainian Society of Geodesy and Cartography		
United Kingdom The Royal Institution of Chartered Surveyors RICS		
United Kingdom Institution of Civil Engineering Surveyors		
United States of America. American Congress on Surveying and Mapping ACSM		
United States of America The Appraisal Institute AI		
Uruguay Asociacion de Agrimensores del Uruguay		
Vietnam Association of Geodesy, Cartography and Remote Sensing VGCR		
Zimbabwe Survey Institute of Zimbabwe SIZ		
*) membership to be decided by the General Assembly 4 May 2009	/99	/99

<u>AFFILIATES</u>		
Australia and New Zealand (ANZLIC)		
Belgium (General Administration of the Patrimonial Documentation)		
Brunei Darussalam (Survey Department)		
Cambodia (Ministry of Land Management, Urban Planning and Construction)		
Chile (Servicio Hidrográfico y Oceanográfico de la Armada de Chile)		
Colombia (Instituto Geográfico Agustín Codazzi, IGAC)		
Denmark (National Survey and Cadastre, Denmark)		
Finland (National Land Survey of Finland)		
Hungary (Institute of Geodesy, Cartography and Remote Sensing, FÖMI)		
Iceland (The Land Registry of Iceland)		
Republic of Iraq (General Directorate for Surveying, Ministry of Water Resources)		
Jordan (Department of Lands & Survey)		
Lao People's Democratic Republic (National Geographic Department)		
Macedonia (FYROM) (State Authority for Geodetic Works)		
Mexico (National Institute of Statistics, Geography and Informatics, INEGI)		
Mongolia (Administration of Land Affairs, Geodesy & Cartography)		
Namibia (Office of the Surveyor General)		
Nepal (Survey Department, Government of Nepal)		
Netherlands (Cadastre, Land Registry and Mapping Agency)		
Norway (Norwegian Mapping and Cadastre Authority)		
Romania (National Agency for Cadastre and Land Administration)		
Rwanda (Ministry of Lands, Resettlement and Environment)		
Russian Federation (Siberian State Academy of Geodesy)		
Saudi Arabia, Kingdom of (Ministry of Municipal and Rural Affairs)		
Sweden (Lantmäteriet)		
Tajikistan (Agency for Land Management, Geodesy and Cartography)		
United Arab Emirates (Surveying Department, Dubai)		
USA (NOAA, National Geodetic Survey)		
	/28	/28
<u>CORRESPONDENTS</u>		
Bahrain		
Benin, Republic of		
Bhutan		
Gabon		
Guyana		
India		
Lesotho		
Madagascar		
Saint Lucia, WI		
Senegal		
Tanzania (Zanzibar)		

Thailand		
Tonga		
Tunisia		
Tuvalu		
	/15	/15
<u>ACADEMIC MEMBERS</u>		
Australia The University of Melbourne		
Australia RMIT University		
Australia University of New South Wales		
Australia University of Southern Queensland		
Australia University of Technology Sydney		
Austria BOKU, Vienna		
Bahrain Arabian Gulf University		
Belgium University of Applied Sciences Kaho Sint-Lieven		
Belgium ECAM - Haute Ecole Leonard de Vinci, Département Construction		
Belgium University of Liege, Unit of Geomatics		
Botswana University of Botswana		
Brazil UNISINOS		
Canada University of Calgary		
Canada University of New Brunswick		
Canada Université Laval		
Chile Universidad de Concepcion		
China Renmin University of China, School of Public Administration		
Colombia Universidad Distrital, Facultad de Ingenieria		
Colombia Universidad Distrital, Facultad del Medio Ambiente y Recursos Naturales		
Croatia University of Zagreb		
Denmark Aalborg University		
Egypt National Water Research Center		
Egypt National Research Institute of Astronomy & Geophysics		
Ethiopia Institute of Land Administration, Bahir Dar University		
Finland Helsinki University of Technology		
Finland EVTEK		
France Ecole Supérieure des Géomètres et Topographes		
Germany Technische Universität München		
Germany Anhalt University of Applied Sciences		
Germany University of Applied Sciences Oldenburg/Ostfriesland/Wilhemshaven		
Germany Technische Universität Berlin		
**) Ghana University of Mines and Technology (UMaT)		
Greece National Technical University of Athens NTUA		
Greece Technological Educational Institute of Athens		
**) Guatemala Universidad de San Carlos de Guatemala		
Hong Kong SAR, China The Hong Kong Polytechnic University		

Hungary University of West Hungary		
Ireland Dublin Institute of Technology		
Israel Technion – Israel Institute of Technology		
Jamaica University of Technology Jamaica		
Kenya University of Nairobi		
Latvia Riga Technical University		
Lithuania Vilnius Gediminas Technical University		
Lithuania Lithuanian University of Agriculture		
**) Malaysia Universiti Teknologi Malaysia, Department of Geomatics Engineering		
Mexico Universidad Autónoma de Nuevo León		
Nepal Land Management Training Centre		
Netherlands ITC International Institute for Geo-Information Science and Earth Observation		
New Zealand University of Otago		
Nigeria University of Lagos		
Nigeria Nnandi Azikiwe University		
Norway Agricultural University of Norway, Dept. of Land Use and Landscape Planning		
Norway Norwegian University of Life Sciences, Department of Mathematical Sciences and Technology		
Oceania University of the South Pacific		
Palestine Authority Palestine Polytechnic University		
Poland Agricultural University of Krakow		
Puerto Rico, USA Universidad de Puerto Rico		
**) Puerto Rico, USA Polytechnic University of Puerto Rico		
Romania “Dunarea de Jos” University Galati		
Romania 1 Decembrie 1918 University of Alba Iulia		
Russian Federation Moscow State University of Geodesy and Cartography, Economic and Land Management		
Russian Federation State University of Land Use Planning		
Serbia University of Novi Sad, Faculty of Technical Sciences		
Singapore National University of Singapore		
Slovenia University of Ljubljana		
South Africa University of Cape Town		
Spain Universidad Politécnica de Madrid		
Spain Universidade de Santiago de Compostela		
Spain Institut de Geomàtica, Castelldefels		
Sweden Lund University LTH		
Sweden Royal Institute of Technology		
Switzerland University of Applied Sciences Northwestern Switzerland		
**) Tanzania University College of Lands and Architectural Studies – UCLAS		
**) Turkey Istanbul Technical University		
United Kingdom Kingston University		
United Kingdom Oxford Brookes University		

United Kingdom Newcastle University		
United Kingdom The University of Nottingham		
United Kingdom Sheffield Hallam University		
United Kingdom University College London		
United Kingdom University of the West of England		
**) USA Ferris State University		
USA New Mexico State University		
USA Pennsylvania State University		
USA Texas A&M University – Corpus Christi		
West Indies University of the West Indies		
**) expelled for unpaid membership fees in February 2009 and to be recorded by the General Assembly 4 May 2009	/79	/79
<u>CORPORATE MEMBERS</u>		
Platinum level		
Bentley Systems		
Environmental Systems Research Institute, Inc. (ESRI)		
Intergraph Mapping and Geospatial Solutions		
Leica Geosystems AG		
TOPCON Co		
Trimble Navigation Ltd.		
Gold level		
Sokkia Co Ltd		
Silver level		
Blom ASA		
COWI A/S		
Grontmij nv		
Magellan Navigation		
Bronze level		
AED-SICAD Aktiengesellschaft		
Eimar Arabia Real Estate Development Co. Ltd.		
GIM International – Reed Business Information – Geo		
IGN France International		
Mason Land Surveys Limited		
MENSI S.A.		
Schonstedt Instrument Company		
**) SEDIC - Sudan Engineering and Digital Information Center		
Basic level		
Derinsu Underwater Engineering Ltd.		
Geo:connexion Ltd		
GEOEXPERT		
GeoInformatics		
GIS Development Pvt. Ltd.		
Hansa Luftbild Sensorik und Photogrammetrie GmbH		
Institut Cartogràfic de Catalunya		
International Land Systems (ILS), Inc.		
LKN Earth Research & Consulting		

P. V. Publications Ltd		
Regional level		
Associated Surveyors (Pvt.) Ltd		
Cameroon Engineering		
Al-Mutakamilah Real Estate (Cityplex)		
**) Galileo Instruments, Inc.		
Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ) GmbH		
ORBITS Engineering Firm		
REIDIN.com		
SEPRET (Société des Etudes de Projets et Réalisation des Travaux)		
**) expelled for unpaid membership fees in February 2009 and to be recorded by the General Assembly 4 May 2009	/35	/35
HONORARY PRESIDENTS		
Robert W. Foster		
HONORARY MEMBERS		
*) Ken Allred		
Jürg Kaufmann		
Stig Enemark		
*) membership to be decided by the General Assembly 4 May 2009		
COMMISSION CHAIRS 2006-2010		
Commission 1 – Yaacoub Saade		
Commission 2 – Bela Markus		
Commission 3 – Chryssy Potsiou		
Commission 4 – Andrew Leyzack		
Commission 5 – Rudolf Staiger		
Commission 6 – Alojz Kopacik		
Commission 7 – András Osskó		
Commission 8 – Diane Dumashie		
Commission 9 – Kauko Viitanen		
Commission 10 – Andrew Morley		
PERMANENT INSTITUTIONS		
International Office of Cadastre and Land Records (OICRF)		
International Institution for the History of Surveying and Measurement, Permanent Institution of FIG		
FIG FOUNDATION – President John Hohol		
FIG COUNCIL		
President Stig Enemark		
Vice President Dalal S. Alnaggar		
Vice President Iain Greenway		
Vice President Matt Higgins		
Vice President Teo CheeHai		

INTERNATIONAL FEDERATION OF SURVEYORS

**FIG 31st GENERAL ASSEMBLY
15 and 19 June 2008
Stockholm City Conference Centre, Stockholm, Sweden**

MINUTES

of the meetings held in the Auditorium at the Stockholm City Conference Centre,
Stockholm, Sweden on 15 and 19 June 2008

SUNDAY 15 JUNE

First Session, Sunday 15 June, 09:00-12:00 and 13:30-15:00

1. OPENING PROCEEDINGS

President Stig Enemark opened the 31st General Assembly and welcomed the members and delegates to Stockholm.

A moment of silence was held to appreciate those delegates and active FIG people that had passed away during the past year, especially to respect the memory of Prof. Jean-Marie Becker, FIG Honorary Member from Sweden who passed away in October 2007.

Noted that several greetings and apologies were received from member associations, other members and Honorary Presidents and several Honorary Members who were not able to attend the General Assembly this time. These apologies included especially John Hohol, President of the FIG Foundation who has attended all FIG meetings since 1981.

2. ROLL CALL

Vice President Matt Higgins took the roll call. The roll call was made only for member associations and affiliate members. Delegates representing academic members, corporate members and correspondents as well as honorary presidents and honorary members were entered in the records based on their registrations to the FIG Office at the meeting venue. **Recorded** that based on the decision of the General Assembly in 2006 only those member associations that had paid all their membership fees to the end of 2007 are allowed to vote at the meeting. A list of member associations that are not allowed to vote was published on the FIG web site as per 15 May 2008.

Appendix to items 2 & 24: Roll Call.

52 member associations out of 99 were present at this session, which is more than one third of the membership needed for the General Assembly to be constitutionally valid. 48 member associations have the right to vote.

Motion: That present members are recorded in the minutes.

Decision: The motion was adopted.

3. APPOINTMENT OF TELLERS

Motion: The General Assembly shall appoint two persons as tellers following the principle adopted at the 22nd General Assembly so that the tellers will represent member associations hosting the preceding (the Hong Kong Institute of Surveyors, HKIS) and the current General Assembly (the Swedish Association of Chartered Surveyors, SLF). That the General Assembly appoints Mr. Hon-Kwong Sung from Hong Kong SAR, China and Dr. Maria Ulfvarson-Östlund from Sweden as a teller for the two sessions of the General Assembly.

Decision: The motion was adopted.

4. ADOPTION OF THE AGENDA

Motion: That the agenda be adopted.

Decision: The motion was adopted.

5. ADOPTION OF THE MINUTES OF THE 30th GENERAL ASSEMBLY

Minutes have been circulated previously.

Appendix to item 5: Minutes of the General Assembly in Hong Kong SAR, China, May 2007, without appendices.

Motion: That the minutes be adopted as recorded.

Decision: The motion was adopted.

6. MEMBERSHIP

6.1 Acceptance of new members

6.1.1 Geodetic Engineers of the Philippines, Inc.

Geodetic Engineers of the Philippines, Inc. has submitted its membership application to become a member association of FIG. The association has 500 qualified members (B.Sc. Geodetic Engineering). The association is constituted by the Philippine Geodetic Engineering Act. The application meets the criteria for membership in FIG as a member association. The Philippines has been a member of FIG earlier from 1994 to 1998. The Council has considered the application and believes that the association meets criteria for membership of FIG as a member association.

Appendix to item 6.1.1: Membership application from the Geodetic Engineers of the Philippines, Inc.

Motion: That the General Assembly admits the Geodetic Engineers of the Philippines, Inc. to become a member association of FIG.

Decision: The motion was adopted.

6.1.2 Chamber of Graduated Surveyors, Bulgaria

The Chamber of Graduate Surveyors from Bulgaria has submitted an application to become the second member association of FIG from Bulgaria. The association has 347 members (226 qualified and 121 qualifying members). The application is supported by the current member association Union

of Surveyors and Land Managers in Bulgaria. The Council has considered the application and believes that the association meets criteria for membership of FIG as a member association.

Appendix to item 6.1.2:

- Membership application from the Chamber of Graduate Surveyors from Bulgaria
- Letter from the Union of Surveyors and Land Managers in Bulgaria supporting the application

Motion: That the General Assembly admits the Chamber of Graduate Surveyors from Bulgaria to become a member association of FIG.

Decision: The motion was adopted and the FIG President gave Mr. Angel Yanakiev, President of the Chamber of Graduate Surveyors from Bulgaria the membership certificate.

6.1.3 Institution of Surveyors of United Arab Emirates

The Institution of Surveyors of United Arab Emirates has informed that the association has not been formally established. It wants to withdraw its membership in FIG at the same time as the Survey Department, Dubai Municipality joins FIG as an affiliate member.

Motion: That the General Assembly records that the Institution of Surveyors of United Arab Emirates has withdrawn its membership in FIG and that Dubai Municipality has joined FIG as an affiliate member.

Decision: The motion was adopted.

6.2 Other membership issues

Affiliates

The Council has admitted following six organisation to become an affiliate member of FIG:

- National Oceanic and Atmospheric Administration, NOAA, United States Department of Commerce, USA
- Cadastre, Land Registry and Mapping Agency (Kadaster), the Netherlands
- Surveying Department, Dubai Municipality, United Arab Emirates
- National Land Survey of Finland (Maanmittauslaitos, MML), Finland
- National Survey and Cadastre (Kort og Matrikelstyrelse, KMS), Denmark
- National Land Survey of Sweden (Lantmäteriet, LM), Sweden

The Council has restored the affiliate membership of:

- Servicio Hidrográfico y Oceanográfico de la Armada de Chile

The Council has expelled following organisation from the affiliate membership of FIG:

- HMG Survey Department, Nepal

After these changes the number of affiliate members is 25.

The affiliate members from USA, the Netherlands, Finland, Denmark and Sweden were given their membership certificates.

Corporate members

The Council has admitted the following two companies to become a Corporate Member of FIG:

- Derinsu Underwater Engineering Ltd., Turkey, engineering and consulting company (www.derinsu.com), Basic level member (E)
- Al-Mutakamilad Real Estate (Cityplex), Jordan, real estate company (www.cre.com.jo), Regional level member (F).

The Council has restored the membership of Cameroon Engineering S.A. as they have paid their arrears.

The Council has expelled the following corporate member because of unpaid membership fees:

- Remote Sensing Center of Environment Consulting, Saudi Arabia

The number of corporate members is now 34.

Academic members

The Council has decided to adopt following new academic member:

- University of Novi Sad, Faculty of Technical Sciences, Geodesy and Geomatics, Serbia

The Council has decided to expel following academic members because their membership fees are more than two years in arrears:

- Universidad Nacional, Escuela de Topografía, Catastro y Geodesia, Costa Rica
- Institute of Technology Bandung (ITB), Department of Geodetic Engineering, Indonesia
- “Dunarea de Jos” University Galati, Cadastre, Environment Management and Protection, Romania
- North University Baia Mare, Surveying Department, Romania
- Moscow State University of Geodesy and Cartography, Economic and Land Management, Russian Federation
- University of Oriental Republic of Uruguay, Faculty of Engineering, Uruguay

The number of Academic Members is after these changes 80.

Motion: That the General Assembly notes the actions that the Council has taken with other membership matters.

Decision: The motion was adopted.

7. PRESIDENT’S REPORT

The President has prepared a report on the activities of the President and the Council between the General Assembly in Hong Kong and Stockholm.

Appendix to item 7: President’s report.

Motion: That the General Assembly accepts the President’s written report.

Decision: The motion was adopted.

8. IMPLEMENTATION OF THE COUNCIL WORK PLAN 2007-2010

The Council has prepared a mid-term progress report on implementation of the Council Work Plan for 2007-2010. The report is prepared in the way that it could be used as a standard tool to evaluate implementation of the Work Plan and the Action Plan 2007-2010 that the Council has approved to guide its work.

Appendix to item 8: Mid-term progress report on implementation of the Council Work Plan 2007-2010.

Motion: That the General Assembly adopts the mid-term progress report on the implementation of the Council Work Plan 2007-2010.

Decision: The motion was adopted.

9. COMMISSION REPORTS

Vice President Matt Higgins, Chair of ACCO has prepared a report on the activities of the Advisory Committee of Commission Officers (ACCO) since the General Assembly in Hong Kong. In addition to the written report Vice President Higgins made an oral presentation on behalf of the ACCO focusing on the peer review process to be used at the FIG conferences.

Each Commission Chair has submitted a written report on the Commission activities since the FIG Working Week in Hong Kong SAR, China. These reports include progress reports of the Commission working groups. Each Commission will hold an annual or other meeting during the Working Week in Stockholm.

Appendices to item 9:

9.1 ACCO report

9.2 Commission reports:

- Commission 1
- Commission 2
- Commission 3
- Commission 4
- Commission 5
- Commission 6
- Commission 7
- Commission 8
- Commission 9
- Commission 10

Motion: That the General Assembly adopts the reports of the ACCO and the Commission chairs and records its thanks to the chairs and other officers of the Commissions for their past year's work.

Decision: The motion was adopted.

10. APPOINTMENT OF CHAIRPERSON TO COMMISSION 8 FOR 2008-2010

Mr. Simon Adcock, Chair of Commission 8 has sent a letter of resignation to the Council with effect from 31 January 2008. The Council has taken action to find a candidate to take over the chairmanship of Commission 8 for the remaining period of his term of office 1.2.2008-31.12.2010. As result of these efforts the Council is suggesting that Dr. Diane Dumashie from United Kingdom would be

appointed as the Chair of Commission 8. Dr. Dumashie's nomination is supported by the Royal Institution of Surveyors, RICS. She has served FIG earlier as Chair of Commission 8 from 2002 to 2006.

Appendix to item 10: Curriculum Vitae of Dr. Diane Dumashie.

Motion: That the General Assembly appoints Dr. Diane Dumashie from United Kingdom as the Chair of Commission 8 for the period 1.2.2008-31.12.2010.

Decision: The General Assembly appointed Dr. Diane Dumashie as chair to Commission 8 with acclamation. The General Assembly also recorded its thanks to Mr. Simon Adcock for the services that he has provided to the Federation during many years.

11. REPORTS FROM THE DIRECTORS OF PERMANENT INSTITUTIONS

11.1 International Office of Cadastre and Land Records (Office International du Cadastre et du Régime Foncier) OICRF

Prof. Paul van der Molen, Director of OICRF has prepared a report on the OICRF activities since the General Assembly in Hong Kong. He will make a short subsequent report orally at the General Assembly.

Appendix to item 11.1: Report from the International Office of Cadastre and Land Records (Office International du Cadastre et du Régime Foncier) OICRF.

Motion: That the General Assembly adopts the report and records its thanks to the Director and the members of the permanent institution for their past year's work.

Decision: The motion was adopted.

11.2 International Institution for the History of Surveying and Measurement, Permanent Institution of FIG

Mr. Jan de Graeve, President of the IIHSM has prepared a report on the IIHSM activities since the General Assembly in Hong Kong. He will make a short subsequent report orally at the General Assembly.

Appendix to item 11.2: Report from the International Institution for the History of Surveying and Measurement, Permanent Institution of FIG.

Motion: That the General Assembly adopts the report and records its thanks to the Director and the members of the permanent institution for their past year's work.

Decision: The motion was adopted.

12. REPORT OF THE PRESIDENT OF THE FIG FOUNDATION

Mr. John Hohol, President of the FIG Foundation has prepared a report on the FIG Foundation activities from May 2007 to April 2008. Vice President Ken Allred made an oral report on behalf of the President of the FIG Foundation to the General Assembly on the recent activities of the FIG Foundation.

Appendix to item 12: Report of the FIG Foundation activities May 2007 – April 2008.

Motion: That the General Assembly adopts the report of the FIG Foundation and records its thanks to the President and members of the Board of Directors of the FIG Foundation for their past year's work.

Decision: The motion was adopted.

13. CO-OPERATION WITH THE UNITED NATIONS AND THE WORLD BANK

As part of the Work Plan 2007-2010 the Council has established the UN Liaison Committee – FIG Responses to the Millennium Development Goals to coordinate co-operation with the United Nations and the World Bank. The Liaison Committee is chaired by the President. A special task of the Liaison Committee is to develop FIG responses to the Millennium Development Goals by organising a joint FIG/World Bank symposium.

The Liaison Committee has prepared a report on the co-operation between FIG and the United Nations including the World Bank since the General Assembly in Hong Kong.

The President made an report to the General Assembly on main issues in the co-operation with the United Nations and the World Bank:

- Preparations for the Joint FIG/World Bank high level symposium in Washington DC, USA in March 2009
- Co-operation with UN-HABITAT (Global Land Tools Network, Seminar in Stockholm in June 2008 and preparations for the 4th World Urban Forum in China P. R., 3-8 November 2008)
- Co-operation with UN FAO: contributions to major FIG events and Commission 7 and 9 events; International Seminar on state and public lands in Verona, Italy 9-10 September 2008
- Participation to the work of the International Committee on Global Navigation Satellite Systems (ICG)

Appendix to item 13: Report on the co-operation between FIG and the United Nations and the World Bank.

Motion: That the General Assembly adopts the report on the co-operation between FIG and the United Nations, its agencies and the World Bank and records its thanks to the members of the Liaison Committee and all those who have contributed to this co-operation.

Decision: The motion was adopted.

14. LIAISON WITH INTERNATIONAL PROFESSIONAL ORGANISATIONS

The Joint Board of Spatial Information Societies JB-GIS was formally established during the FIG Working Week in Cairo in 2005 and meets annually during a major conference. The meeting in 2007 took place in conjunction to the ICA conference in Moscow, Russia 4-10 August 2007. The Joint Board met informally also during the GSDI-10 in Trinidad 25-29 February 2008. The Joint Board was chaired by President Stig Enemark until the meeting in August 2007 where Prof. Ian Dowman was appointed as the new chair.

FIG has further bilateral agreements of co-operation with several other international associations like ISM, IFHP, CIB, ION, ICEC, FIABCI and IFHS. Some of the partners are also working together in the Habitat Professionals Forum. Since beginning of 2007 the Chairperson of the Habitat Professionals Forum has been President Stig Enemark.

FIG is a member of the International Council for Science (ICSU) and working together with ISO and International Valuation Standards Committee (IVSC) on standards.

The Council has prepared a report on the co-operation between FIG and other professional associations from May 2007 to April 2008. The President made a subsequent report at the meeting.

Appendix to item 14: Report on the co-operation between FIG and other professional organisations.

Motion: That the General Assembly confirms the report on the liaison with other international associations.

Decision: The motion was adopted.

15. REVISION OF THE FIG STATUTES AND INTERNAL RULES

The FIG Statutes, Internal Rules and other regulations have been adopted by the General Assembly in 2001. Several parts have been amended thereafter. After the transition period of the governance structure is now completed the Council has made a thorough revision of the statutes and internal rules as decided by the General Assembly in Hong Kong in May 2007. The revision is based on the work of the Task Force on FIG Governance Structure and the discussions that the Council has had with the member associations.

The new version of the statutes and other regulations include a thorough revision of the language and various adjustments to bring the legal base up to date with actual policies and practices. However as a result there is need only for a few changes that are of political nature. These changes can be listed as follows:

Statutes:

- Membership: In special cases a member association may include a number of (small) countries. (§ 3.1)
- Membership fees: Other members than member associations shall be expelled if their fees are more than two years in arrears. (§ 4.3)
- Governance of the Federation: General Assembly shall be held during the first half of the year. (§ 6.1)
- Governance of the Federation: Member associations must advise the Director of the name of their voting delegates in advance to the General Assembly. (§ 6.5)

Internal Rules:

- Affiliate members: Governmental and regional bodies can be admitted to affiliate membership, if they fulfil the other criteria of membership. (§ 3.2)
- Elections: Time for nominations to positions in the Council and to Commission chairs and chairs elect will be shortened from six to four months because the Nomination Review Group and Commission Review Group procedures have been discontinued. (§ 9.1, § 9.2, § 11.4)
- Commissions: Term of Commission chairs and chairs elect will be harmonised with those of the Council i.e. starting 1.1 and ending 31.12. (§ 11.4)
- Commissions: Only member associations will be allowed to make nominations for Commission chairs and chairs elect (§ 11.8)
- Conferences: Decision on the venue of the Working Week and the Congress will be made four years prior the event instead of current five years (e.g. the next Congress will be decided at the General Assembly to be held at the Congress). As a result all main decisions will then be made at the General Assembly held during the Congress. (§ 17.2)

The Council has decided further to propose an additional change to internal rules in 9.4 § on election of Council members and in 11.9 § on election of commission chairs as follows:

“--- If no single candidate for that post gains an absolute majority of the votes cast, a second vote will be held between the two candidates that have the most votes. In the event of a tie on that vote, the final decision shall be made by selecting a name by blind ballot.”

To help the member associations to see all changes there is a full set of the statutes, internal rules and other guidelines together with the current regulations as an attachment. All changes that are not linguistic improvements have been highlighted. The purpose of the update is to get all regulations up to date but without putting too much effort on the linguistic issues.

A new publication of the Statutes and other regulations will be published and circulated to all members after the General Assembly together with the minutes.

Appendix to item 15: FIG Statutes, Internal Rules and Guidelines.

Motion: That the General Assembly adopts the revised Statutes and Internal Rules and other guidelines as proposed by the Council and presented in the appendix, and including the proposed changes to internal rules §9.4 and §11.9.

Decision: The new statutes, internal rules and other regulations were adopted unanimously.

16. DECISION ON THE VENUE OF THE FIG WORKING WEEK 2013

The Council did not receive any proposals for the venue of the Working Week 2013 by the deadline in December 2007.

In the revised statutes it is proposed that the venue of the Working Weeks and Congresses will be decided four years before the meeting (now five years). Because the Council expected that the General Assembly will adopt this proposal, the Council has not encouraged applications for 2013 after the deadline passed, but instead proposes that the venue of Working Week 2013 will be decided by the General Assembly in 2009.

Motion: That the General Assembly decides according to the revised internal rules that the venue of the FIG Working Week 2013 will be decided by the General Assembly in 2009. Bids to host the Working Week have to be submitted to the Council by the end of 2008.

Decision: The motion was adopted.

17. FIG ACCOUNTS FOR 2007 AND AUDITOR'S REPORT AND BUDGET FOR 2008 AND 2009

Vice President Ken Allred presented a financial report on the economic situation of the Federation. This report includes summary of the accounts for 2007, an updated budget for 2008 and proposal for budget 2009 with notes and principles of the investment policies adopted by the Council.

The Auditors Report includes the auditors report from 2007, official accounts (income statement 2007) and balance sheet 31 December 2007.

Appendices to item 17:

17.1 Financial Report – Accounts 2007 and Budgets 2008 and 2009.

17.2 Auditor's Report, Income Statement for 2007 and Balance Sheet at 31 December 2007.

17.3 List of member associations whose membership fees are in arrears for 2007 and earlier and that are not allowed to vote, as per 15 May 2008.

The Council has decided to recognise the continuous financial support and sponsorship of the Danish Association of Chartered Surveyors, DdL to the FIG Office.

In the discussion Rafic Khouri (OGE, France) asked about the project income in the accounts. It was explained that this is mostly about the administering the FIG events and that FIG is not involved in project work in normal terms.

Robert W. Foster (Honorary President) raised the issue of collecting a fund reserve as stated in the Council work plan and questioned if the target should be put even higher than 1.5 times the annual expenditure. He also asked for an FIG investment policy that will safeguard the FIG funds.

Karl-Friedrich Thöne (DVW, Germany) asked about the proposed increase in membership fees which for big associations is more than inflation rate. He asked the Council to study the sliding scale used for big associations and to consider whether it could be revised. He also requested that the Council should provide some justification for the use of the budget funds and more transparency in the accounting and given finance information to the General Assembly. He asked to get the information in Vice President Allred's presentation included in the minutes and in the future with the agenda papers.

President Enemark promised that the presentation on finances will be included in the minutes of this meeting and that similar information will be circulated with the agenda papers in the future to improve transparency and better enable the General Assembly to act as political auditors of the finances. He also encouraged DVW to send a letter to the FIG Council on the DVW ideas and promised that the Council will consider the issues carefully and take the possible action.

Appendix to item 17 in the minutes: Handouts of the presentation given by Vice President Allred at the meeting.

Motion: That the General Assembly adopts the audited accounts for 2007 and budgets for 2008 and 2009. That the General Assembly records its special thanks and recognises the sponsorship that DdL has given to the FIG Office since its establishment in 1999.

Decision: The motion was adopted.

18. SUBSCRIPTION RATES FOR 2010

The General Assembly has to set levels of fees for member associations two years in advance of the year in which they become payable. Fees are payable in respect of each individual member up to a maximum of 4,000 members; member associations with more than 4,000 members pay fees in accordance with a sliding scale. Fees for 2008 and 2009 are:

	<u>Per capita fee</u>	<u>Minimum fee</u>	<u>Maximum fee</u>
2008	4.02 € per member up to a maximum of 4,000 members Member associations from countries listed by the World Bank as low-income economies or low-middle-income economies shall pay 2.01 € per member up to a maximum of 4,000 members	200 €	133 per cent of the fee payable by an association with 4,000 members
2009	4.18 € per member up to a maximum of 4,000 members. Member associations from countries listed by the World Bank as low-income economies or lower-middle-income economies	200 €	136 per cent of the fee payable by an association with 4,000 members

economies shall pay 2.09 € per member up to a maximum of 4,000 members

The World Bank lists of the low-income economies and the lower-middle-income economies are available at:

<http://web.worldbank.org/WBSITE/EXTERNAL/DATASTATISTICS/0,,contentMDK:20421402~pagePK:64133150~piPK:64133175~theSitePK:239419,00.html>

The Council proposes to the General Assembly to increase membership fees for member associations for 2010 with 2.9 per cent to 4.30 € per member and 139 per cent for the maximum fee based on the General Assembly decision from 1997.

Discussion on the membership fees was discussed under item 17.

Motion: That the General Assembly adopts following membership fees payable by member associations in 2010:

	<u>Per capita fee</u>	<u>Minimum fee</u>	<u>Maximum fee</u>
2010	4.30 € per member up to a maximum of 4,000 members Member associations from countries listed by the World Bank as low-income economies or lower-middle-income economies shall pay 2.15 € member up to a maximum of 4,000 members.	200 €	139 per cent of the fee payable by an association with 4,000 members

Decision: The motion was adopted.

19. ELECTION OF VICE PRESIDENTS 2009-2012

According to the FIG Statutes and Internal Rules the General Assembly has to appoint two new Vice Presidents for the period 1.1.2009-31.12.2012.

Member associations have made four nominations for these two open posts during the nomination period. These nominations are:

- Mr. **David Doyle**, ACSM, USA
- Mr. **Iain Greenway**, RICS, United Kingdom
- Mr. **Daniel Roberge**, CIG, Canada
- Mr. **Teo CheeHai**, PEJUTA, Malaysia

According to the new election procedure each candidate has prepared and submitted a nomination template that gives information about the candidate and his ideas about developing the Federation. The templates are included in the agenda.

Appendices to item 19 and 26: Nomination templates of the nominated candidates:

- Mr. **David Doyle**, ACSM, USA
- Mr. **Iain Greenway**, RICS, United Kingdom
- Mr. **Daniel Roberge**, CIG, Canada
- Mr. **Teo CheeHai**, PEJUTA, Malaysia

The candidates were invited to make a short introduction of themselves and their agenda how to develop FIG, if they will be elected. Each candidate was given 5 minutes to make his presentation.

The elections will take place at the second session of the General Assembly by using following procedure:

Election of the first Vice President

In the election of the first Vice President every member association has one vote to give to one of the 4 candidates. If one candidate gets more than 50 per cent of the given votes, he will be elected. If there is no majority in the first vote, a second vote will be carried between those two candidates that have got most votes in the first vote. The candidate with most votes will then be elected.

Election of the second Vice President

In the election of the second Vice President every member association has one vote to give to one of the remaining 3 candidates. If one candidate gets more than 50 per cent of the given votes, he will be elected. If there is no majority in the first vote, a second vote will be carried between those two candidates that have got most votes in the first vote. The candidate with most votes will then be elected.

Motion: That the General Assembly records the presentations and adopts to make the election at the second session of the General Assembly by following the election procedure described above.

Decision: The motion was adopted.

20. ELECTION OF COMMISSION CHAIRS ELECT 2009-2010

According to the FIG Statutes and Internal Rules the General Assembly appoints Commission Chairs Elect at its meeting two years prior to the Congress. These Chairs Elect will then automatically become Chairs of the Commissions for the next term of office. Thus the General Assembly shall appoint at this meeting Commission Chairs Elect for term of office 1.1.2009-31.12.2010 and these Chairs Elect will then become Commission Chairs for the term of office 1.1.2011-31.12.2014.

Member associations have made following nominations for the open posts during the nomination period:

Commission 1:	Mr. Doug Culham, Canada (CIG) Ms. Leonie Newnham, Australia (ISA)
Commission 2:	Prof. Steven Frank, USA (ACSM)
Commission 3:	Prof. Yerach Doytsher, Israel (ALSI) Dr. Szabolcs Mihály, Hungary (MFTTT)
Commission 4:	Dr. Michael Sutherland, Canada (CIG)
Commission 5:	Mr. Mikael Lilje, Sweden (SLF)
Commission 6:	Dr. Gethin Wyn Roberts, United Kingdom (ICES)
Commission 7:	Mr. Daniel Roberge, Canada (CIG) Dr. Daniel Steudler, Switzerland (geosuisse)
Commission 9:	Mr. Steven L. Nystrom, USA (AI) Dr. Frances Plimmer, United Kingdom (RICS)

As there were no nominations for Commission 8 and 10, the Council has discussed about the situation with these Commissions. As a result of these studies, the Council proposes to the General Assembly that the appointment of Chair Elect to Commission 8 and Commission 10 will be postponed to the General Assembly in 2009. This will still allow enough time for the appointed Chair Elect to prepare

his/her agenda and work plan for the next term of office. In the case of Commission 8 this is also reasonable because the appointment of a new Chair at the meeting in Stockholm.

Appendices to item 20 and 27: Nomination templates of candidates to Commission Chairs Elect for 1.1.2009-31.12.2010:

- Commission 1: Mr. Doug Culham, Canada (CIG)
Ms. Leonie Newnham, Australia (ISA)
- Commission 2: Prof. Steven Frank, USA (ACSM)
- Commission 3: Prof. Yerach Doytsher, Israel (ALSI)
Dr. Szabolcs Mihály, Hungary (MFTTT)
- Commission 4: Dr. Michael Sutherland, Canada (CIG)
- Commission 5: Mr. Mikael Lilje, Sweden (SLF)
- Commission 6: Dr. Gethin Wyn Roberts, United Kingdom (ICES)
- Commission 7: Mr. Daniel Roberge, Canada (CIG)
Dr. Daniel Steudler, Switzerland (geosuisse)
- Commission 9: Mr. Steven L. Nystrom, USA (AI)
Dr. Frances Plimmer, United Kingdom (RICS)

At the first session of the General Assembly each candidate was given 3 minutes to introduce him/herself and his/her agenda how to develop the Commission if he/she will be elected.

The election for Chairs Elect will take place at the second session of the General Assembly, 19 June 2008. The election will take place in one election, in which all commission chairs are elected at the same time.

Motion: That the General Assembly notes the presentations and decides to make the election at the second session of the General Assembly on the 19th June 2008.

Decision: The motion was adopted.

21. TASK FORCE ON DEVELOPING GLOBAL LAND TOOLS FOR PRO POOR LAND MANAGEMENT

The Council established in 2007 a Task Force on Developing Global Land Tools for Pro Poor Land Management. This Task Force is chaired by Vice President Paul van der Molen. It is working in close co-operation with commissions 3, 7, 8 and 9 and their working groups whose chairs Dr. Chrissy Potsiou, Mr. Christiaan Lemmen, Dr. Diane Dumashie and Mr. Bengt Kjellson are members of the task force.

Vice President van der Molen reported orally at the meeting on the activities of the Task Force since the General Assembly in Hong Kong.

Motion: That the General Assembly adopts the report and records its thanks to the members of the Task Force for their past year's work.

Decision: The motion was adopted.

22. TASK FORCE ON INSTITUTIONAL AND ORGANISATIONAL DEVELOPMENT

The Council established in 2007 a Task Force on Institutional and Organisational Development. This Task Force is chaired by Iain Greenway from United Kingdom and the members are Santiago Borrero Mutis (Colombia), Adam Greenland (New Zealand), Teo CheeHai (Malaysia), John Parker (Australia), Richard Wonnacott (South Africa) and Francisco Delfini (France).

The Chair of the Task Force, Iain Greenway has prepared a progress report on the activities of the Task Force since the General Assembly in Hong Kong. In his subsequent oral report he asked the members to answer to the questionnaire that the Task Force has produced and that he will report back to the General Assembly on the first outcomes at the second session of the General Assembly.

Appendix to item 22 and 28: Report of the Task Force on Institutional and Organisational Development.

Motion: That the General Assembly adopts the report and records its thanks to the members of the Task Force for their past year's work. That the General Assembly further notes that Dr. Spike Boydell (UK/Australia) has been appointed as a member to the Task Force.

Decision: The motion was adopted.

THURSDAY 19 JUNE

Presidents' Meeting, Thursday 19 June, 8:30-10:30, Room 456, STOCCC

23. PRESIDENTS' MEETING

Totally 52 people attended this Presidents' Meeting out of which 38 were Presidents or leaders of delegations. At the meeting relations between member associations and FIG were discussed as well as experiences from the FIG Working Week 2008. A separate memorandum of this meeting is circulated to the participants of the meeting and to the Presidents of member associations.

Second Session, Thursday 19 June, 11:00–13:30, Auditorium, STOCCC

24. ROLL CALL

Vice President Matt Higgins took the roll call. The roll call was made only for member associations and affiliate members. Delegates representing academic members, corporate members and correspondents as well as honorary presidents and honorary members were entered in the records based on their registrations to the FIG Office at the meeting venue. **Recorded** that based on the decision of the General Assembly in 2006 only those member associations that had paid all their membership fees to the end of 2007 are allowed to vote at the meeting. A list of member associations that are not allowed to vote was published on the FIG web site as per 15 May 2008.

Appendix to items 2 & 24: Roll Call.

52 member associations out of 98 were present at this session, which is more than one third of the membership needed for the General Assembly to be constitutionally valid. At the beginning of the session 49 member associations had the right to vote.

Noted that the General Assembly has appointed Mr. Hon-Kwong Sung from HKIS, Hong Kong SAR, China and Dr. Maria Ulfvarson-Östlund from SLF, Sweden as tellers to this session of the General Assembly.

Motion: That present members are recorded in the minutes.

Decision: The motion was adopted.

25. MEMBERSHIP

Affiliate members

The Council has adopted following three organisations as affiliate members:

- General Directorate for Surveying, Ministry of Water Resources, Republic of Iraq
- Lao National Geographic Department, Lao PDR
- Siberian State Academy of Geodesy, Russian Federation

After these changes the number of affiliate members is 28.

President Enemark gave the representatives of the new affiliate members from Republic of Iraq and Lao People's Democratic Republic their membership certificate.

Academic members

The Council wants to inform the General Assembly that there has been a mistake in the listing of payments and that therefore the University of Puerto Rico, Civil Engineering Department, Puerto Rico has wrongly been listed as an expelled academic member. After this correction the number of academic members is 80.

Motion: That the General Assembly notes the actions that the Council has taken with other membership matters.

Decision: The motion was adopted.

26. ELECTION OF VICE PRESIDENTS 2009-2012

The General Assembly has listened to the presentations of the four candidates for the position of the FIG Vice President at its first meeting. At this meeting the General Assembly will elect two Vice Presidents to the Council for the term of office 1.1.2009-31.12.2012.

The election will be between following candidates:

- Mr. **David Doyle**, ACSM, USA
- Mr. **Iain Greenway**, RICS, United Kingdom
- Mr. **Daniel Roberge**, CIG, Canada
- Mr. **Teo CheeHai**, PEJUTA, Malaysia

Appendices to item 19 and 26: Nomination templates of the nominated candidates:

- Mr. **David Doyle**, ACSM, USA
- Mr. **Iain Greenway**, RICS, United Kingdom
- Mr. **Daniel Roberge**, CIG, Canada
- Mr. **Teo CheeHai**, PEJUTA, Malaysia

The elections will take place by using following procedure:

Election of the first Vice President

In the election of the first Vice President every member association has one vote to give to one of the 4 candidates. If one candidate gets more than 50 per cent of the given votes, he will be elected. If there is no majority in the first vote, a second vote will be carried between those two candidates that have got most votes in the first vote. The candidate with most votes will then be elected.

Election of the second Vice President

In the election of the second Vice President every member association has one vote to give to one of the remaining 3 candidates. If one candidate gets more than 50 per cent of the given votes, he will be elected. If there is no majority in the first vote, a second vote will be carried between those two candidates that have got most votes in the first vote. The candidate with most votes will then be elected.

Motion: That the General Assembly elects Vice Presidents for the two open positions following the election procedure described above.

Decision: In the election of the first Vice President 49 votes were given: Iain Greenway 18 votes, Daniel Roberge 12 votes, Teo CheeHai 11 votes and David Doyle 7 votes, 1 vote spoiled. The second vote took place between Iain Greenway and Daniel Roberge. In this vote 48 votes were given: Iain Greenway got 27 votes and Daniel Roberge 11 votes. The General Assembly elected Iain Greenway (RICS, United Kingdom) as the first Vice President.

In the election of the second Vice President 47 votes were given: Daniel Roberge 19 votes, Teo CheeHai 18 votes, David Doyle 8 votes and 2 spoiled votes. The second vote took place between Daniel Roberge and Teo CheeHai. In this vote 45 votes were given: Teo CheeHai got 25 votes and Daniel Roberge 20 votes. The General Assembly elected Teo CheeHai (Malaysia) as the second Vice President.

27. ELECTION OF COMMISSION CHAIRS ELECT 2009-2010

The General Assembly has listened to the presentations of the candidates for the position of the Commission Chairs Elect at its first meeting. At this meeting the General Assembly will elect the Chairs Elect for the term of office 1.1.2009-31.12.2010. The Chairs Elect will under normal circumstances be automatically elected as Chair of their Commission for the term of office 1.1.2011-31.12.2014.

The election will take place on the following candidates:

- Commission 1: Mr. Doug Culham, Canada (CIG)
Ms. Leonie Newnham, Australia (ISA)
- Commission 2: Prof. Steven Frank, USA (ACSM)
- Commission 3: Prof. Yerach Doytsher, Israel (ALSI)
Dr. Szabolcs Mihály, Hungary (MFTTT)
- Commission 4: Dr. Michael Sutherland, Canada (CIG)
- Commission 5: Mr. Mikael Lilje, Sweden (SLF)
- Commission 6: Dr. Gethin Wyn Roberts, United Kingdom (ICES)
- Commission 7: Mr. Daniel Roberge, Canada (CIG)
Dr. Daniel Steudler, Switzerland (geosuisse)
- Commission 9: Mr. Steven L. Nystrom, USA (AI)
Dr. Frances Plimmer, United Kingdom (RICS)

The Chairs Elect will be elected all at the same time. As there is only one candidate for Commission 2, 4, 5 and 6, these candidates will be elected without a vote. For Commissions 1, 3, 7 and 9 there are two candidates for each Commission, so the election will take place between these two candidates. For Commission 8 and 10 there is no candidate and the Council has proposed to postpone these elections to the General Assembly in 2009.

Appendices to item 20 and 27: Nomination templates of candidates to Commission Chairs Elect for 1.1.2009-31.12.2010:

- Commission 1: Doug Culham, Canada (CIG)
Leonie Newnham, Australia (ISA)

- Commission 2: Prof. Steven Frank, USA (ACSM)
 Commission 3: Prof. Yerach Doytsher, Israel (ALSI)
 Dr. Szabolcs Mihály, Hungary (MFTTT)
 Commission 4: Dr. Michael Sutherland, Canada (CIG)
 Commission 5: Mr. Mikael Lilje, Sweden (SLF)
 Commission 6: Dr. Gethin Wyn Roberts, United Kingdom (ICES)
 Commission 7: Mr. Daniel Roberge, Canada (CIG)
 Dr. Daniel Steudler, Switzerland (geosuisse)
 Commission 9: Mr. Steven L. Nystrom, USA (AI)
 Dr. Frances Plimmer, United Kingdom (RICS)

Motion: That the General Assembly elects the Chair Elect to Commissions 1, 2, 3, 4, 5, 6, 7 and 9 at the same time. That the General Assembly decides to postpone the election of Chair Elect to Commission 8 and 10 to next General Assembly in 2009.

Decision: In the election for Chairs Elect the General Assembly gave their votes as follows: Commission 1: Ms. Leonie Newnham 25 votes and Mr. Doug Culham 17 votes; Commission 3: Prof. Yerach Doytsher 32 votes and Dr. Szabolcs Mihály 12 votes; Commission 7: Daniel Roberge 24 votes and Mr. Daniel Steudler 22 votes; and Commission 9: Dr. Frances Plimmer 28 votes and Mr. Steven L. Nystrom 16 votes. The General Assembly elected Ms. Leonie Newnham as Chair Elect in Commission 1, Prof. Yerach Doytsher in Commission 3, Mr. Daniel Roberge in Commission 7 and Dr. Frances Plimmer in Commission 9. The General Assembly appointed Prof. Steven Frank as Chair elect to Commission 2, Dr. Michael Sutherland to Commission 4, Mr. Mikael Lilje to Commission 5, and Dr. Gethin Wyn Roberts to Commission 6. The General Assembly decided further to elect Chair Elect to commissions 8 and 10 at its meeting in 2009.

28. TASK FORCE ON INSTITUTIONAL AND ORGANISATIONAL DEVELOPMENT

Mr. Iain Greenway, Chair of the Task Force on Institutional and Organisational Development gave a presentation on the outcome of the questionnaire and of the meetings arranged during the Working Week in Stockholm.

Appendix to item 22 and 28: Report of the Task Force on Institutional and Organisational Development.

Appendix to item 28: Handouts of the presentation given by Iain Greenway.

Motion: That the General Assembly adopts the report.

Decision: The motion was adopted.

29. ADVISORY COMMITTEE OF COMMISSION OFFICERS

Vice President Matt Higgins reported on the Advisory Committee of Commission Officers (ACCO) meetings and Commission activities that have taken place during the week.

The Council wanted to inform the General Assembly that ACCO has appointed Dr. Chryssy Potsiou as its representative in the Council for term of office 1.1.2009-31.12.2010.

Appendix to item 29: Report of ACCO activities during the Working Week in Stockholm.

Motion: That the General Assembly records the report and endorses the appointment of Dr. Chryssy Potsiou as the ACCO representative in the Council for term of office 1.1.2009-31.12.2010.

Decision: The motion was adopted.

30. CO-OPERATION WITH THE FIG CORPORATE MEMBERS

A traditional meeting for FIG Corporate Members was organised on Tuesday 17 June 2008. At this meeting co-operation between FIG and the corporate members was discussed including new benefits for corporate members. The proposals from this meeting will be considered carefully by the FIG Council

Motion: That the General Assembly records the report and records its thanks to all corporate members and to Mr. Peter Normann Hansen, FIG Ambassador for Corporate Members.

Decision: The motion was adopted.

31. INTRODUCTION OF FIG PUBLICATIONS

The Council has decided to restructure the FIG publications to four categories: FIG Policy Statements; FIG Guides; FIG Reports; and FIG Regulations. Policy statements will include policy statements and political declarations e.g. "The Marrakech Declaration on Urban-Rural Interrelationship for Sustainable Development" (pub # 33) and are endorsed by the General Assembly. Guides are technical or other guidelines e.g. "FIG Guide on Standardisation" (pub #28) or "Mutual Recognition of Professional Qualifications" (pub #27) and are endorsed by the Council and recorded by the General Assembly for information. Reports are technical reports, outcomes from events or products of Commission working groups etc. and are not formally adopted or endorsed by the Federation but have value for the profession, e.g. "Administering Marine Spaces: International Issues" (pub # 36). Decision on publishing the reports will be made by the Council. Regulations include statutes, internal rules and work plans. These categories are created to help members and other users of the publications to identify the purpose for what the publication is made for.

The Council has prepared following four publications that were available as hard copies at the meeting and will be distributed to the members together with the minutes of the General Assembly:

- FIG Work Plan 2007-2010. Publication #39 that includes the FIG Council and Commission work plans 2007-2010. Published in the FIG Regulations series.
- FIG Statutes, Internal Rules and Guidelines. Publication #40 that includes the revised statutes, internal rules and other regulations. Published in the FIG Regulations series.
- Capacity Assessment in Land Administration. Publication #41 is prepared by Stig Enemark and Paul van der Molen in co-operation between FIG and FAO. Published in the FIG Guide series.
- Informal Settlements: The Road towards More Sustainable Places. Publication #42 is Commission 8 Working Group 8.3 (2002-2006) report prepared by Dr. Diane Dumashie. Published in FIG Report series.

Motion: That the General Assembly notifies the new listing of FIG publications and records the four new publications.

Decision: The motion was adopted.

32. THE FIG COSTA RICA DECLARATION ON INTEGRATED COASTAL ZONE MANAGEMENT

One of the results of the 6th FIG Regional Conference in San José, Costa Rica 12-15 November 2007 is preparation of the FIG Costa Rica Declaration on Integrated Coastal Zone Management that was launched at the Working Week in Stockholm. The goals for the Declaration are to develop the concept of integrated and pro-poor coastal zone management; to identify the problems and issues related to Costa Rica and the Central American Region; to analyse these problems in the context of pro-poor CZM; and to look at recommendations and ways forward. The declaration is available on the web and printed copies were distributed at the General Assembly. The declaration is written by a drafting group chaired by Rob Mahoney.

The FIG Costa Rica Declaration is published in the FIG Policy Statement series (pub #43) and it was brought to the General Assembly for endorsement.

Appendix to item 32: FIG Costa Rica Declaration on Integrated Coastal Zone Management.

Appendix to item 32 in the minutes: Handouts of the presentation given by Rob Mahoney at the meeting.

Motion: That the General Assembly endorses the FIG Costa Rica Declaration on Integrated Coastal Zone Management and records its thanks to the drafting group for their work.

Decision: The motion was adopted.

33. REPORT OF THE FIG WORKING WEEK 2009 IN EILAT ISRAEL, 3-8 MAY 2009

The General Assembly will be given a presentation on the arrangements of the FIG Working Week 2009 that will be held in Eilat, Israel, 3-8 May 2009.

Motion: That the General Assembly records the report for information.

Decision: The motion was adopted.

34. 7th FIG REGIONAL CONFERENCE IN HANOI, VIETNAM, 19-22 OCTOBER 2009

The FIG Council has decided to organise the 7th FIG Regional Conference in Hanoi, Vietnam together with the Viet Nam Association of Geodesy, Photogrammetry and Remote Sensing. Representatives of VGCR will give the General Assembly a report on the arrangements of the Regional Conference.

Motion: That the General Assembly records the report for information.

Decision: The motion was adopted.

35. REPORT THE CONGRESS 2010 IN SYDNEY, AUSTRALIA, 11-16 APRIL 2010

The hosts of the FIG Congress 2010 (ISA, Australia) will give the General Assembly a report on the preparations of the next FIG Congress to be held in Sydney, Australia, 11-16 April 2010.

Motion: That the General Assembly records the report for information.

Decision: The motion was adopted.

36. OTHER MATTERS

Mr. Jan de Graeve from the International Institution for the History of Surveying and Measurement informed the General Assembly on the implementation of the Struve Arc getting it included in the UNESCO list of World Heritage. The IIHSM is now working to get the African 30th Meridian Arc to be also listed in the UNESCO list.

Motion: That the General Assembly adopts a resolution to support the proposal of the IIHSM to get the African 30th Meridian Arc to the UNESCO list of World Heritage.

Decision: Motion was adopted.

37. PRESENTATION OF CERTIFICATES OF APPRECIATION

President Stig Enemark presented at the closing ceremony certificates of appreciation to members of the local organising committee of the XXXI FIG General Assembly and FIG Working Week 2008 and to other persons that had actively participated in the arrangements of the successful Working Week. Special thanks were recorded to the Swedish Association of Chartered Surveyors, SLF and its President Mr. Svante Astermo, who was also the Conference Director.

CLOSING CEREMONY

The President formally closed the 31st General Assembly of FIG.

At the closing ceremony the FIG banner was handed over by Mr. Svante Astermo, President of SLF and Dr. Maria Ulfvarson Östlund, SLF to Mr. Haim Srebro, Conference Director of FIG Working Week 2009. The FIG Working Week 2009 will be held in Eilat, Israel 3-8 May 2009.

Application for a Member Association

1. Name of association:

in own language: **ASSOCIATION DES GEOMETRES-EXPERTS DU NIGER (AGEN)**

in English (if different from above): **ASSOCIATION OF NIGER SURVEYORS**

2. Address: **Boulevard Mali Béro rue K M 23 BP 11719, Niamey, Niger**

3. Telephone no: + 227 96567877; + 227 21792671

4. Fax no.:

5. e-mail address: **smloutou@yahoo.fr**

Home page address:

6. Name of President: **Mr Sani MOUSSA LOUTOU, Président**

7. Administration

Is the above address the address of the permanent office of the association? **Yes**. If so, please state the name of the chief executive and the number of any other permanent staff members

Président Moussa Loutou, BP:11719, Boulevard Mali Béro Rue KM 23 , Niamey, Niger

8. Date of formation of association: **14 Janvier 2006**

9. Objectives and Ethics

Please summarize on a separate sheet the objectives of the association and state whether it enforces disciplinary procedures; and enclose a copy of its constitution and rules (including, where applicable, its code of conduct).

10. Routes of entry to membership

Please provide the following information on a separate sheet

- the title held by qualified members of the association:
- the level of academic qualification required to obtain the title:
- whether academic training programmes to this level are available in your country (if not, please state how and where members obtain their academic training):
- what approved professional experience is required on completion of academic training and prior to acquisition of the title:
- what the requirements are for continuing professional development and whether this is mandatory or voluntary: mandatory, through the continuing professional education program of the Philippine Regulation Commission.
- if the association also admits technician or sub-professional members and, if so, the qualifications required for entry to this grade of membership:

11. Members

No. of holders the title

Qualified: **50**

Qualifying:

No. of technician or sub-professional members

Qualified:

Qualifying:

12. Specialisations

% of qualified members whose principal specialization is:

- hydrography
- positioning/measurement x
- engineering surveys x
- cadastre/land management x
- spatial planning/development x
- valuation/real estate management
- construction cost management

13. Statutory recognition

Is the association constituted by statute? **Yes, see attachment.**

Please list on a separate sheet those activities undertaken by your members which are regulated by statute and state whether any or all of these can be performed only by members of your association. If not, please state who else can acquire the title to perform any of the activities.

14. Employment

% of qualified members

- self-employed and employed in private practice
- teaching
- employed by government
- employed in the commercial or other sectors

15. Subscriptions

Please state the annual subscription payable by each grade of membership:

16. Services to members

Does the association publish a journal (if so, please state title and frequency):

Please list on a separate sheet any other services that the association provides for its members.

REPUBLIQUE DU NIGER
MINISTERE DE L' INTERIEUR ET DE LA DECENTRALISATION
DIRECTION GENERALE DES AFFAIRES
POLITIQUES ET JURIDIQUES
DIRECTION DES LIBERTES PUBLIQUES

Arrêté n° 327 MI/D/DGAP/J/DLP

du 24 JUIL. 2006

Autorisant l'association dénommée :
« Association des Géomètres
Experts du Niger (AGEN) »
à exercer ses activités au Niger.

MINISTRE DE L' INTERIEUR ET DE LA DECENTRALISATION

- Vu** la Constitution du 09 août 1999 ;
- Vu** l'Ordonnance n° 84-06 du 1^{er} mars 1984, portant régime des associations modifiée et complétée par la Loi n° 91-006 du 20 mai 1991 ;
- Vu** le Décret n° 84-49 du 1^{er} mars 1984, portant modalités d'application de l'Ordonnance n° 84-/006 du 1^{er} mars 1984, portant régime des Associations ;
- Vu** le Décret n° 2004-403/PRN du 24 décembre 2004, portant nomination du Premier Ministre ;
- Vu** le Décret n° 2004-404/PRN du 30 décembre 2004, portant nomination des membres du Gouvernement ;
- Vu** le Décret n° 2005-036/PRN/MI/D du 18 février 2005, déterminant les attributions du Ministre de l'Intérieur et de la Décentralisation ;
- Vu** le Décret n° 2005-103/PRN/MI/D du 22 avril 2005, portant organisation du Ministère de l'Intérieur et de la Décentralisation ;
- Vu** la lettre n° 00063/MUH/C/SG/DU du 07 Avril 2006
- Vu** les statuts de l'association concernée.

ARRETE

Article premier : L'association dénommée : « Association des Géomètres Experts du Niger (AGEN) » telle que définie par ses statuts est autorisée à exercer ses activités au Niger.

Article 2 : L' Association des Géomètres Experts du Niger (AGEN) vise comme objectifs spécifiques :

- favoriser les échanges entre tous les acteurs intervenants dans les sciences géographiques ;
- promouvoir les associations poursuivant les mêmes objectifs ;



- contribuer à réglementer l'exercice de la profession du domaine des sciences géographiques et la hiérarchiser ;
- contribuer à réglementer le recrutement des cadres par les institutions de la place pour les prestations dans le domaine et faire l'appui conseil ;
- aboutir à la création d'un ordre de géomètres - experts au Niger.

Article 3 : le Bureau Exécutif de l' Association des Géomètres Experts du Niger (AGEN) est composé ainsi qu'il suit :

Président : Mr Moussa Loutou Sani, né vers 1965 à Maradi, Ingénieur Cartographe, BP : 11 719 Niamey ;

Secrétaire Général : Mr Issa Laouali, né vers 1964 à Madobi (Aguié), Ingénieur Cartographe, BP 557 Niamey ;

Trésorier : Mr Mr Maïdaoua Souley Ousmane, né vers 1966 à Bagoungaba (Tchadoua), Ingénieur Topographe, I.G.N.N, BP : 250 Niamey ;

Conseiller : Mr Gado Oumarou, né vers 1958 à Dosso, Ingénieur Photogrammètre, MAT/DC/DGAT ;

Conseiller : Mr KARGNE Hamado, né vers 1962 à Sandiré (Fillingué), Docteur Ingénieur Télédétection, Département Mine – Géologie E.M.I.G, BP : 11 248 Niamey ;

Conseiller : Mr Youssoufi Idrissa Hassane, né vers 1966 à Niamey, Ingénieur Topographe, BP : 647 Niamey, Tél : 31 55 17, Cel : 93 47 30.

Article 4 : L'association « Association des Géomètres Experts du Niger (AGEN) » est tenue de faire insérer au Journal Officiel de la République du Niger sa déclaration de fondation ou tous changements intervenus y relatifs dans les trente (30) jours suivant la date de réception du présent arrêté.

Ampliations :

PRN	1
PM/CAB	1
SGG/JO	1
I.E	1

MI/D/DGAPJ/DLP	1
MUH/C	1
Gouverneurs	8
Préfets	36
Archives	1
Intéressé	1



MOUNKAILA MODI

Report to the 32nd General Assembly in Eilat, Israel, 3-8 May 2009

President's Report

Introduction

This President's report is my third report to the General Assembly so we have passed mid term in the current Work Plan. This report covers the period from the General Assembly in Stockholm in June 2008 to the General Assembly in Eilat in May 2009.

The Working Week in Stockholm can be considered in many aspects a big success. The meeting was attended by 950 people from over 90 countries, which was the record for a FIG Working Week. I congratulate the Swedish surveyors for their efforts in organising this well functioned conference. The Working Week also strengthened our close co-operation with UN-HABITAT through the joint seminar on *Improving Slum Conditions through Innovative Financing*. As a result of this seminar a joint publication (FIG publication #44) was prepared and launched at the 4th World Urban Forum in Nanjing, China in November.

At the General Assembly in Stockholm several FIG publications were launched showing the wide spread of activities of the Federation and its commissions. The General Assembly also endorsed the revised statutes that completed the transition period to new governance structure. The Council is proposing minor changes to the internal rules to clarify the election procedures at the meeting in Eilat. The governance change has then been followed by reorganising the FIG Office and creating a quality management system for the Federation's administration. The office is now in good hands of our new General Manager John Neel since January 2009. I have a strong expectation that the FIG governance and administration structures are now in place.

Among the several important issues that were decided in Stockholm included election of two Vice-Presidents – Iain Greenway from United Kingdom and Teo CheeHai from Malaysia. I would like to record the my sincere thanks to Ken Allred and Paul van der Molen for their long time contributions to the Federation, that I am sure will also continue in the future. The co-operation with the partly new Council team has started in a very creative and positive manner that is very promising for the next two years.

The first Council meeting with the new Vice-Presidents was held early February 2009 in Copenhagen where the focus was very much on evaluation the finance situation and developing the FIG policy on finance issues. The discussion was partly a reponse to the discussion raised at the General Assembly in Stockholm and partly due to the global financial crisis. The Council has seriously considered the issues about the membership subscription level for the biggest member associations and also the need for improved transparency in reporting on the finance issues to the members. The Council believes that these concerns are now well addressed by the proposals presented under the financial issue at the General Assembly meeting in Eilat.

Related to the discussion on finance issues the Council is aware that there is constant need to improve the reporting on our activities and for justification of value for money for our members in the Federation. General administration costs are necessary for any organisation in order to allow for well functioning daily businesses. In a global organisation like FIG a key focus is on providing the continuous information flow through the home page, monthly e-Newsletters, and publications - e.g. 6 publications, Annual Review and FIG Profile only during 2008. The Office, and especially the FIG Director, also has a key role in supporting the President, Council members, and Commission officers in executing their duties and promoting the global standing of FIG as the leading international organisation within surveying and land management. I will present a more comprehensive oral report on this issue at the General Assembly meeting in Eilat.

Members

As mentioned in my report last year FIG has been lucky to get new member associations every year for a longer time. When writing this we have one more member association from Niger that will be brought to the General Assembly for adoption and there are some other new members in the preparation process. However, we have almost reached the level where the number of member associations cannot be expected to increase much more. I assume that the proposed new membership fee structure that favours small, new associations will improve the situation e.g. in Africa and other regions where we still have some gaps due to lack of professional associations. The Council is also looking for other ways to fill in gaps in the FIG world map including India and Central Asia.

The Council is preparing a marketing campaign to get new members through secondary membership and especially through affiliate membership. As an indication of this policy we organised the first special forum for national mapping and cadastral agencies in Stockholm. This will be followed up with meetings in Eilat and by a big forum at the FIG Congress in Sydney 2010, where I am convinced the system will be in place.

The Council has intensified co-operation with the Corporate Members and we are considering how to improve the benefits for corporate members by developing more tailor-made and longer-term co-operation agreements between FIG and our corporate members. During the last months we have managed to get some new corporate members despite the economic crisis.

The Council is also considering how to improve the benefits for the Academic Members and to ensure their continuing membership of FIG.

At this point I want to thank also the Danish Association of Chartered Surveyors, DdL for their continuous support to FIG by hosting FIG in Copenhagen. This support will continue also after FIG will start to pay rent for the office space from 2010.

Visits

During the past year, since June 2008, I have been happy to visit member associations and representatives in Italy in conjunction to the FAO/FIG/CNG International Seminar, France during the OGE and CLGE Conference in Strasbourg, Ireland (Society of Chartered Surveyors Annual Conference), China (World Urban Forum), Greece, and United Kingdom.

In February 2009 I visited the World Map Forum in Hyderabad. In conjunction to this trip I also visited New Delhi to discuss the membership of India in FIG. On the way back I also visited Nepal trying to pursue Nepal to rejoin FIG. Before the Working Week in Eilat I am planning to visit Kenya in conjunction to the Governing Council of UN-HABITAT, and Russia in conjunction to Geo-Siberia 2009, where we plan to have a special meeting for the Central Asian countries.

It has not been possible to attend all events where I or Council representatives have been invited. So in these cases I have sent a greeting or a welcome address in writing or a video greeting. These events include celebrations of member associations in Jamaica, Hong Kong and Poland.

From the Council members Paul van der Molen visited the Surveyors Institution of Tanzania in August. Pedro Cavero as the FIG ambassador attended on behalf of me the International Conference in Costa Rica to discuss options for establishing a regional surveying organisation for Latin America. Vice President Matt Higgins attended the 3rd meeting of the International Committee on Global Navigation Satellite Systems in Pasadena, CA, USA as part of FIG commitment on GNSS international co-operation.

In preparations for future FIG events I have visited Australia in August 2008 to sign the joint venture agreement with the Institution of Surveyors, Australia and again in November together with Vice President Matt Higgins and the FIG Director to prepare the FIG Congress 2010. I have also visited Hanoi, Vietnam in July in preparations for the 7th FIG Regional Conference to be held in Hanoi in October 2009 and together with Vice President Dalal S. Alnaggar Morocco in December 2008 to launch the FIG Working Week 2011 together with ONIGT. These visits offered excellent opportunities to meet with both surveyors and politicians in the host countries and to raise public awareness of the surveying profession.

I would like to express my sincere thanks to the hosts of all these visits.

Commissions

The Commissions are working very effectively both by facilitating technical programmes for the FIG conferences, by organising their own events and through their working groups, many of these providing valuable contributions to the FIG publication series. In many ways the commission work represent the very heart of FIG through the possibility for national delegates to participate and interact in developing the various disciplines of surveying and land management.

I have been able to attend personally the Commission 7 Annual Meeting and Seminar in Verona in September 2008 and the Commission 2 Seminar in Vienna in February 2009. I

want to recognise also the first seminar that Commission 9 organised jointly with CIREA and HKSI in Beijing in October 2008, the Commission 3 workshop in Mainz in February 2009, About new ways of participation, I contributed by videoconferencing Commission 2 workshop in Enschede just before the Working Week in Stockholm. This is something that we need to consider in the future to extend the FIG contributions especially in national events.

Co-operation with the United Nations and international organisations

Co-operation with the United Nations is one of the main topics on the Council Work Plan. Especially surveyors' contribution to implementation of the Millennium Development Goals is a key issue. This work is directly under the President who is supported by the newly appointed Liaison Ambassador for the United Nations, Paul van der Molen.

Following the joint FIG/UN-HABITAT seminar in Stockholm I was invited to attend the 4th World Urban Forum in Nanjing to present the outcome from the seminar as a keynote speaker in *Dialogue 2 - Promoting Social Equity and Inclusiveness*, which was one of the six core dialogues at the WUF, where also the report from the Stockholm seminar was launched. The FIG contributions to the Global Land Tool Network (GLTN) were highly appreciated both in Nanjing and in other GLTN events. The FIG work on the social domain model has developed during the year in many fronts and we can expect results from this during 2009.

The second major UN partner over many years has been the Food and Agriculture Organization (FAO). In 2008 the joint activities included the joint FIG/FAO/CNG Seminar in Verona in September on State and Public Land Management. I attended also the Expert Group Meeting on Voluntary Guidelines on Responsible Governance of Tenure of Land and Natural Resources at the FAO Headquarters in Rome in November 2008.

The third key partner is the World Bank with whom we are organising a major joint conference on Land Governance in Support of the Millennium Development Goals to be held in Washington in March 2009. The outcome of this conference will include a joint FIG/WB declaration that should show how FIG and WB work in parallel to achieve the MDGs and thereby enhance the standing of global surveying profession.

The co-operation with sister organisations has been organised through the Joint Board of Geospatial Information Societies where I attended the meeting held in conjunction to the XXI ISPRS Congress in Beijing in July 2008.

Final remarks

To conclude my report I would like to express my thanks to member associations, other members, commission chairs, officers and delegates and to my Council members. My special thanks belong also to the hosts of the FIG Working Weeks in Stockholm and in Eilat. I am convinced that we will have a great conference in Israel in May.

Stig Enemark
FIG President

1 March 2009

FIG 32nd General Assembly in Eilat, Israel, May 2009

Responsibilities of the Council Members 2009-2010

The individual responsibilities of the members of the Council for 2009-2010 are as follows.

President Stig Enemark

- provide the professional and strategic leadership of the Federation
- take appropriate initiatives to ensure that the Federation achieves its principal objectives as laid down in the statutes and defined within the plan of work
- clarify and communicate a future vision for the Federation and oversee the development of the Federation's strategic plan
- promote the Federation to external agencies and ensure the coordination of the Federation's relations with such agencies
- recommend and ensure the appointment of task forces to undertake specific tasks which are not within the ambit of the commissions or to assist the work of the Council
- consult the General Assembly whenever a question arises outside the administrative powers of the Council submit a written report to each meeting of the General Assembly.

Vice President Dalal S. Alnaggar

- be responsible for co-operation with students, young surveyors and under-represented groups
- lead on links with member associations within Arab countries and cooperation with the Arab Union of Surveyors
- develop the Federation's information policy and quality of FIG events
- co-operate with other international and with regional bodies according to the decisions of the Council, especially UNESCO
- chair and participate in task forces as appropriate
- report as required to meetings of the General Assembly.

Vice President Iain Greenway

- be responsible for financial strategy and its implementation based on the guidelines given by the Council, advice the FIG office on finance issues, presentation and reporting back to the General Assembly on finance issues, and negotiation on salaries and issues related to the office staff in cooperation with the President
- be responsible for implementing the new office structure
- provide the link between the Federation and the FIG Foundation
- prepare and coordinate the FIG Journal together with the President and the Chairperson of ACCO
- providing a link with national mapping organisations, heading towards the Director General Forum in Sydney.
- co-operate with other international and with regional bodies according to the decisions of the Council

- continue on developing the capacity building policies and chairing the Task Force on Institutional and Organisational Development
- report as required to meetings of the General Assembly.

Vice President Matt Higgins

- chair the Advisory Committee of Commission Officers together with the ACCO representative
- ensure that commission chairs develop their plans of work for inclusion in the Federation's work plan
- ensure that commission chairs implement tasks assigned to them in congress resolutions and included in their work plans
- ensure that commission chairs deliver high quality technical programmes at the FIG events
- ensure liaison as required between the commissions together with the ACCO representative
- ensure liaison between the Council and the local organizing management committee of FIG Congress 2010 as agreed with the President
- lead on links with member associations within Australia and the Pacific
- co-operate with other international and with regional bodies according to the decisions of the Council, especially UN OOSA
- chair and participate in task forces as appropriate
- report as required to meetings of the General Assembly.

Vice President Teo CheeHai

- develop the policies and practical approaches related to implementing regional structures such as the ASEAN FLAG
- be responsible in policy areas of mutual recognition and professional ethics, etc. and develop the website information in support of implementing such policies
- lead on links with member associations within South East Asia and Asia and to engage allied regional bodies
- chair and participate in task forces as appropriate
- co-operate with other international and regional bodies according to the decisions of the Council
- report as required to meetings of the General Assembly.

This list of responsibilities will be updated in relation to the plan of action for implementing the Council Work Plan as necessary.

President Stig Enemark
International Federation of Surveyors, FIG
Kalvebod Brygge 31-33
DK-1780 Copenhagen V
DENMARK

February 25, 2009

Dear President Enemark:

It is my pleasure, as President of the Canadian Institute of Geomatics, the Canadian member association to FIG, to nominate Mr. G. Kenneth Allred to become an Honorary Member of the FIG.

G. K. (Ken) Allred is a long serving and valued member of the Canadian Institute of Geomatics and a faithful, hard working advocate of the FIG. A Professional Surveyor (Alberta), an author in surveying textbooks, a University educator, and a leader in the Geomatics community, Mr. Allred has dedicated a good portion of his professional and personal life in support of the goals of both organisations, and has taken active leadership roles in the FIG for more than 25 years.

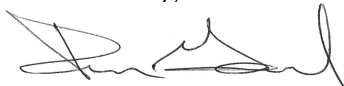
Mr. Allred served as the Canadian delegate on FIG Commission 1 - Professional Practice from 1981 until 2005 and served a term as Chair between 1994 - 1998. He served on the organizing committee for the FIG Symposium on the Decision Maker and LIS in Edmonton in 1984, and also on the FIG Task Forces on the Exchange of Surveying Personnel; on Constituting Professional Associations; and on Cultures and Languages, and chaired the Task Force on FIG Governance Structure. He was elected as a Vice President of FIG for the term 2005-2008. He is a member of the FIG Foundation and has been a regular attendee at FIG congresses since 1977 to which he has presented numerous papers and participated in various workshops.

Mr. Allred has been a member of the Canadian Institute of Geomatics (formerly Canadian Institute of Surveying) since 1961 and was recently awarded life membership. He has served on the Editorial Board for the Canadian Surveyor (now Geomatica) and chaired the Canadian National Committee to FIG. He also served as Editor of the quarterly publication of the Alberta Land Surveyors' Association, and the annual publication of the Newsletter of the Canadian Council of Land Surveyors. He has also served on the Editorial Board of Terravue, and has contributed articles to the Canadian Surveyor, CISM Journal, Terravue, The Professional Surveyor (USA) and The Australian Surveyor. He has presented papers at numerous conferences in Canada and around the world.

Ken has authored chapters on The Surveying Profession in the Canadian textbooks, *Survey Law in Canada*, and *The Law and Practice of Land Surveying in Alberta*. More details of Ken's extraordinary career including his vast community service and awards are found in the attached curriculum vitae.

Given Ken Allred's dedication and faithful service to the principals of surveying and the goals of the FIG and the CIG, it is my honour to present this nomination to you with the hopes that you will agree it is deserving of Honorary Membership in the organization to which he has given so much energy and wisdom.

Yours sincerely,



Pierre Gravel
President,
Canadian Institute of Geomatics

G. K. (Ken) Allred

Curriculum Vitae

G. K. (Ken) Allred, ALS, CLS

Year of birth: 1940

Nationality: Canadian

Status: Married to Marge, 3 children, Mark, Paul and Keith

Professional Career

Ken Allred was commissioned as an Alberta Land Surveyor in 1965 and a Canada Lands Surveyor in 1968, subsequent to graduation from the Southern Alberta Institute of Technology in 1961 with a diploma in Land Surveying.

His domestic employment has taken him across Western Canada and into the Mackenzie River valley of the Northwest Territories. He has been employed by municipal, provincial and federal levels of government, in resource exploration with Mobil Oil Canada, and with a private practice firm. He was Surveyor to the Land Titles Office with the Alberta Attorney General's department from 1972 until 1977, and Executive Director and Registrar of the Alberta Land Surveyors' Association from 1977 until 1991. He also served as an Adjunct Professor of Cadastral Studies in the Department of Geography at the University of Alberta from 1984 until 1992. Mr. Allred is currently self-employed specializing in the Settlement of Boundary Uncertainties including arbitration and mediation of boundary and other related disputes. He has also been an advisor to the Government of Armenia on Land Registration.

He served as the Alberta Director on the Canadian Council of Land Surveyors from 1977 to 1986, holding the positions of Secretary-Treasurer, Vice President, and President. He was also involved with the CCLS in the areas of continuing education, professional liability insurance and distance learning. Ken recently completed a term as president of the Alberta Land Surveyors' Association.

Mr. Allred has been a member of the Canadian Institute of Geomatics (formerly Canadian Institute of Surveying) since 1961 and was recently awarded life membership. He has served on the Editorial Board for the Canadian Surveyor (now Geomatica) and chaired the Canadian National Committee to FIG.

Ken has served as the Canadian delegate on Commission 1 - Professional Practice for the Federation Internationale des Géomètres (FIG) from 1981 until 2005. He was elected chair of Commission 1 for the term 1994 - 1998. Ken served on the organizing committee for the FIG

Symposium on the Decision Maker and LIS in Edmonton in 1984. He also served on the FIG Task Forces on the Exchange of Surveying Personnel; on Constituting Professional Associations; and on Cultures and Languages and chaired the Task Force on FIG Governance Structure. Ken is also a member of the FIG Foundation. He has been a regular attendee at FIG congresses since 1977 and has presented numerous papers and participated in several FIG workshops. He was elected as a Vice President of FIG for the term 2005-08.

Mr. Allred served as Editor of ALS News, the quarterly publication of the Alberta Land Surveyors' Association, and the CCLS Newsletter, an annual publication. He has served on the Editorial Board of the Canadian Surveyor and Terravue. He has contributed articles to the Canadian Surveyor, CISM Journal, Terravue, The Professional Surveyor (USA) and The Australian Surveyor. He has presented papers at numerous conferences in Canada and around the world.

Ken is the author of Chapter 11 - The Surveying Profession in the Canadian textbook, *Survey Law in Canada* and is the author of Chapter 1 entitled The Surveying Profession in the textbook *The Law and Practice of Land Surveying in Alberta*.

Mr. Allred served for 15 years as an Alderman with the City of St. Albert. He has been extensively involved in urban and regional planning as a civic representative on planning and development boards. He served as chair of the Edmonton Metropolitan Regional Planning Commission and the City of St. Albert Municipal Planning Commission. He also served as a Trustee on the Sturgeon General Hospital Board. In 2007, he was elected as the Member of the Legislative Assembly for the Province of Alberta.

Ken has received numerous awards throughout his lifetime including:

- Southern Alberta Institute of Technology - Gold Executive Award - in recognition of outstanding services
- Alberta Land Surveyors' Association - Professional Recognition Award - for perseverance, intellect and idealism towards developing a dynamic professional association, serving in the best public interest.
- Letter of Appreciation - Minister of Forestry, Lands and Wildlife (Alberta) - for playing a significant role as the interface between my Department and the self governing surveying profession.
- Champlain Award - Canadian Council of Land Surveyors - for outstanding contribution in promoting and advancing the profession of land surveying.
- Honorary Membership - Association of Nova Scotia Land Surveyors
- Leader's Service Award - in Recognition of Outstanding Volunteer Service with the Progressive Conservative Association of Alberta

Contacts

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CANADA. T8N 1A5

Tel. + 1 780 460 2224

E-mail: gkallred@telusplanet.net



Nomination Template for Chair Elect

Appendix to item 10 & 22

Commission no. 8	
Nominee	
Name	Mr. Wafula NABUTOLA
Country	Republic of Kenya
Contact Address	P. O. Box 8824 00100 NAIROBI, KENYA
E-mail address	Wafula_nabutola_090382@yahoo.co.uk
Age	52
Degrees and educational background	Bachelor of Land Economy (University of Nairobi); Master of Science (University of Reading, UK)
Employment history - current position - previous	1. Director, Athi Water Services Board 2. Executive Manager (Investments) The Jubilee Insurance. Company. Ltd 3. Kenya Wildlife Service (KWS)
Positions of trust - current - previous	1. Chairman of the Board of Directors, in Mentoring Capacity, SMAT Holdings Co. Ltd, hawkers' initiative 2. Member of Board of Directors of the Rotary Club of Muthaiga, Nairobi Kenya 3. Chairman NCBDA (Nairobi Central Business District Association)
Positions in FIG - current - previous	<ul style="list-style-type: none"> • Active Commission 8 member for x 6 years presenting at numerous w. weeks and regional conferences • Active working group member on Informal Settlements • Core group member contributing to FIG publication # 42 • Assigned Commission 8 administration duties including chairing and rapporteur of technical sessions at Working Weeks and Regional Conferences • Involved in Commission 8 annual activities, including UN Habitat GLTN workshop 2008 • Chaired the first civil society national conference on Kenya's national land policy
Other activities in FIG	Frequent participant and contributor to conferences since 2003, chaired several sessions of FIG conferences in Egypt, Germany, etc, Represented ISK at FIG Presidents' meetings in Hong Kong, Jakarta, Athens, Munich
Field of surveying discipline	Land Economist – Building Surveying



Nomination Template for Chair Elect

Nominees Statement:	
Why I want to be a Commission Chair and what I would like to achieve	The traditional spatial planning and design focused on top-down processes where the surveyor created the plans is not tenable. Nowadays we are witnessing the metamorphosis of the role of the surveyor in the spatial planning and development process. There is more involvement of citizens. The democratic planning processes in already a reality. Investors/other stakeholders seek to play a pivotal role by being allowed to make important decisions as part of their equity in the final product (outcome). Similarly community organizers and social workers ought to be involved in planning from the grassroots level...including informal settlements and enterprises sensitive to gender needs. We shall collaborate with working groups, to progress the design and development of policies that inform these spatial utilization dynamics, harnessing best practices worldwide.
What I can offer to FIG in support of the aims and objectives of the Commission	Leadership, Commitment, consistent direction, goodwill, professionalism, a listening ear, as is currently the case. Third world exposure tintured with first world experience
My key skills	Networking, mentorship, coaching, researcher, leadership and management trainer in strategy, Customer Relationship Management (CRM), negotiation, communication, change management, team-building, motivation and personal leadership skills development, including "Criticism at Work". I am a scholar in Local Government, Corporate Governance, Business and Human Rights, Conflict Resolution and Service Excellence.
Any other general comments	



Nomination Template for Chair Elect

Nominator	
Name of member Association	The Institution of Surveyors of Kenya (ISK)
Name and title of contact person	Mr. Mwenda Makathimo, President (Chairman) of ISK
Contact address	3 rd Floor, Alibhai Shariff Building, Kimathi Street, P. O. Box 40707 – 00100, NAIROBI, KENYA Tel +254 20 313 490; Fax +254 20 214 770
Email address	info@isk.or.ke website: www.isk.or.ke
Nominator's statement	
Why the association wants to nominate Nominee	<ul style="list-style-type: none">▪ Mr. Nabutola is by far the most consistent and active ISK member we have in FIG matters, demonstrating rare commitment to a cause.▪ He has represented ISK at numerous FIG forums when, we could have been without representation.▪ Not infrequently he has committed his own personal resources – in funds, time and in kind to attend and present papers at FIG Working Congresses and Regional Conferences.▪ He has stood up for ISK when it was not to his benefit or advantage to do so. He was denied voting in Munich, for example, due to our own fault of non-payment of FIG dues.▪ Wafula has demonstrated leadership, often putting public and common good above self
Support the Association can offer the Nominee (financial and other)	ISK will give its unconditional support to Mr. Nabutola in whatever form required. If and when challenged financially, we shall give what we have, moral support
Any other comments	Time has come for Africa and Kenya in particular to assume its rightful place at the FIG table.
Signed I hereby certify the above is true and correct	
Date	January 2 nd , 2009
Nominee Mr. Wafula NABUTOLA	
Nominator Mr. Mwenda MAKATHIMO	



Nomination Template for Chair Elect

Appendix to item 10 & 22

Commission no. 8	
Nominee	
Name	Dr. Richard Sliuzas
Country	The Netherlands
Contact Address	ITC, PO Box 6 7500 AA Enschede
E-mail address	Sliuzas@itc.nl
Age	52 (date of birth: 26/11/1956)
Degrees and educational background	2004 PhD Geographical sciences, Utrecht University 1988 MSc. Urban surveys and human settlement analysis, ITC 1979 Dip.Tech Planning, University of South Australia
Employment history - current position - previous	Associate Professor Urban Planning, ITC (2004-) Assistant Professor, Urban GIS, ITC (1989-2004) Research assistant, ITC (1984-1988) Planning Officer, District Council of Stirling, South Australia (1981-1983) Town Planner, Brian Turner and Associates, South Australia (1980-1981)
Positions of trust - current - previous	International Committee GISDECO (since 2002)
Positions in FIG - current - previous	n.a.
Other activities in FIG	n.a.
Field of surveying discipline	Background in town and country planning with specific interests in GIS, urban remote sensing, land use planning and informal development. Particular interest in cadastral surveying and land tenure security in relation to informal development and upgrading.



Nomination Template for Chair Elect

Nominees Statement:	
Why I want to be a Commission Chair and what I would like to achieve	The FIG is a large and influential body in the field of land surveying and development around the world. As an internationally oriented planning academician specialized on urban planning in developing countries I have realized that it is necessary to build-bridges between disciplines if urban planning and development procedures are to be made more responsive, efficient and effective. This position provides an opportunity to work in close liaison with the land surveying community to strengthen the contribution that surveying professionals can make to the planning and management of fast growing cities around the world. I would work in close collaboration with FIG members, including those of related Commissions and other agencies to promote the development and dissemination of innovative surveying and planning practices in response to major global challenges associated with issues such as rapid urbanization, poverty reduction, equitable land tenure systems and land supply, incremental land planning and development systems, climate change and environmental degradation.
What I can offer to FIG in support of the aims and objectives of the Commission	<p>Knowledge and experience in urban planning, GIS, urban remote and development problems.</p> <p>Motivation and commitment to:</p> <ul style="list-style-type: none"> • promote closer cooperation between the surveying and planning professions • make the practice of the land and development professions more responsive to the needs and problems found in less developed countries <p>A substantial international network of researchers and professionals in the field of spatial planning and urban land management</p> <p>Connections to the ITC research community and network in related disciplines</p>
My key skills	<p>Knowledge and skills in urban planning research and practice with the use of Geoinformation Technology</p> <p>Knowledge of a variety of development contexts and in particular those of Australia, the Netherlands, Tanzania, China, Malawi, and India.</p> <p>Experience in community participation research in low income settlements</p> <p>Planning and implementing small format aerial photography missions</p> <p>Organizing international conferences and workshops</p> <p>Project management</p> <p>Curriculum development and training in the field of GIS for spatial planning</p>
Any other general comments	I am currently engaged in developing a research project in cooperation with UN-Habitat, JRC Italy and



Nomination Template for Chair Elect

	CIESIN, Colombia University on slum identification and mapping with very high resolution satellite imagery. I have close connections with the following groups at UN-Habitat: Global Land Tool Network, Global Urban Observatory, and the Sustainable Cities Programme.
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Nominator	
Name of member Association	Geo-informatie Nederland (GIN)
Name and title of contact person	Jan Willem van Eck, President
Contact address	PO Box 57 5750 AB DEURNE
Email address	jw.vaneck@geo-info.nl
Nominator's statement	
Why the association wants to nominate Nominee	To support good chairmanship of FIG-Commissions in general and in order to contribute to the role of surveyors in the field of spatial planning and development. Dr. Sliuzas is very well qualified, has a good 'drive', and meets the requirements for a good chairman.
Support the Association can offer the Nominee (financial and other)	The Association relies on the employer of the nominee for support.
Any other comments	The employer, ITC, morally supports the nomination, and is willing to provide certain facilities for the nominee.
Signed	
I hereby certify the above is true and correct	
Date	15 January 2009
Nominee	Richard Sliuzas 
Nominator	Jan Willem van Eck

FIG 32nd General Assembly in Eilat, Israel, May 2009

The International Office for Cadastre and Land Records – OICRF

Annual Report 2008



OFFICE INTERNATIONAL DU CADASTRE ET DU RÉGIME FONCIER
INTERNATIONAL OFFICE OF CADASTRE AND LAND RECORDS
INTERNATIONALES AMT FÜR KATASTER UND GRUNDBUCHWESEN

OICRF Annual Report - 2008

OICRF - the International Office for Cadastre and Land Records - is one of the permanent bodies of the International Federation of Surveyors (FIG). OICRF serves as a documentation and study centre for land administration and is charged with the following tasks:

- collecting and systematically filing and indexing all documentation material relating to existing cadastres and land registration systems,
- conducting comparative studies of this material and publishing the results,
- providing information and advice on all cadastres and land registration systems to all interested persons and institutions for the purposes of study or to help countries wishing to set up a cadastre or land registration system or improve an existing system,
- maintaining the documentation system on a daily basis.

Activities

All societies revolve around land. Regardless of whether we are seeking to promote economic growth, alleviate poverty, provide social housing, assure a secure food supply, protect vulnerable groups, or support nature conservation, the way we deal with land, access to land, and access to land-related opportunities is known to be a critical success factor. This is why land allocation is one of the main themes in policy documents and research papers, such as the poverty reduction strategy papers drawn up by many countries.

The digital Land Administration Library in 2008

OICRF maintains a digital library that contains approximately 7,900 publications (1st of January 2009), which include things such as conference documents, magazine articles and reports on land administration.



All of the available documents and the most recent publications can be accessed electronically at www.oicrf.org and downloaded in portable document format.

Users can also trace documents linked to a certain event, such as papers linked to a specific conference or seminar. The website is a popular resource. In 2008 the digital library got about 70.000 hits. This number is based on the application of new webstat software: Google Analytics. This software counts the hits as produced by users, this does not include hits produced by search engines – which were included in earlier OICRF reporting.

Comparative studies in 2008

In 2008 OICRF published several comparative studies:

Van der Molen, P. (2008) The virtual Kadaster. Editorial. In: *Abroad*, periodical newsletter of Kadaster International, Apeldoorn, the Netherlands, 11(2008)1, p3.

Lemmen, C.H.J. and Törhönen, M.P. (interviewee) (2008) FAO important partner for FIG. In: *GIM international : the global magazine for geomatics*, 22 (2008)4, pp. 7-9.

Enemark, S. and van der Molen, P. (2008) Capacity assessment in land administration. Frederiksberg, International Federation of Surveyors (FIG), 2008. FIG publication 41, 35 p. ISBN: 978-87-90907-64-8.

Van der Molen, P. (2008) Investments. Editorial. In: *Abroad*, periodical newsletter of Kadaster International, Apeldoorn, the Netherlands, 11(2008)2, p3.

Van der Molen, P. (2008) Going Virtual. Insiders View. In: *GIM international : the global magazine for geomatics*, 22 (2008)3.

Groenendijk, E.M.C. (editor) and Lemmen, C.H.J. (editor) (2008) *Sharing good practices : e-learning in surveying, geo - information sciences and land administration*, proceedings FIG International Workshop 11-13 June 2008 ITC, Enschede The Netherlands. Enschede, Apeldoorn, Frederickshaven, ITC, Kadaster, International Federation of Surveyors (FIG), 2008. 341 p. ISBN: 978-90-6164-271-8.

Lemmen, C.H.J. and Lemmens, M. (2008) The power of geography : GIM interviews Vanessa Lawrence, Director General and Chief executive, Ordnance Survey. In: *GIM international : the global magazine for geomatics*, 22 (2008)7, pp. 7-9.

Doner, F., Thompson, R., Stoter, J.E., Lemmen, C.H.J. and ... [et al.] (2008) 4D land administration solutions in the context of the spatial information infrastructure. In: FIG Working Week 2008 : Integrating generations and FIG/UN-HABITAT Seminar : improving slum conditions through innovative financing, 14-19 June, 2008. Stockholm, Sweden. Copenhagen : FIG, 2008. 25 p.

Hespanha, J., van Bennekom-Minnema, J., van Oosterom, P. and Lemmen, C.H.J. (2008) The model driven architecture approach applied to the land administration domain model version 1.1 : with focus on constraints specified in the object constrain language. In: FIG Working Week 2008 : Integrating generations and FIG/UN-HABITAT Seminar : improving slum conditions through innovative financing, 14-19 June, 2008. Stockholm, Sweden. Copenhagen : FIG, 2008. 19 p.

van der Molen, P., Silayo, E.H. and Tuladhar, A.M. (2008) The comparative study to land policy in 9 countries in Africa and Asia. In: FIG Working Week 2008 : Integrating generations and FIG/UN-HABITAT Seminar : improving slum conditions through innovative financing, 14-19 June, 2008. Stockholm, Sweden. Copenhagen : FIG, 2008. 46 p.

Mahony, R., Sutherland, M., Dumashie, D., Miranda, M., González Salas, A., Lemmen, C.H.J., (2008) Costa Rica declaration : pro - poor coastal zone management. Frederiksberg, International Federation of Surveyors (FIG), 2008. FIG publication 43, 36 p. ISBN: 978-87-90907-66-2.

Van der Molen, P. (2008) A Cadastre to support environment?. Editorial. In: Abroad, periodical newsletter of Kadaster International, Apeldoorn, the Netherlands, 11(2008)3, p3.

van der Molen, P., Lemmen, C.H.J. and Meijer, C. (2008) The development and management of services to facilitate pro poor land management and land administration systems. In: Land management information systems in the knowledge economy 2008 : discussion and guiding principles for Africa. - Addis Ababa : Economic Commission for Africa (UNECA), 2008. pp. 177-196.

Groothedde, A., Lemmen, C.H.J., van der Molen, P. and van Oosterom, P.J.M. (2008) A standardized land administration domain model as part of the spatial information infrastructure. In: Creating spatial information infrastructures: towards the spatial semantic web. / ed by P.J.M. van Oosterom and S. Zlatanova. Boca Raton : CRC, 2008. ISBN: 978-1-42007-068-2. pp. 129-150.

van Buren, J., Hemmatnia, E., Lemmen, C.H.J. and van Oosterom, P.J.M. (2008) Europees coördinatensysteem is voor Nederland vooral een kans ("European Reference System is an Opportunity for The Netherlands"). In: Geodata-inwinning : special van Geo-Info en VI Matrix, Oktober 2008. pp. 20-23.

Van der Molen, P. (2008) Cadastres and Climate Change. Editorial. In: Abroad, periodical newsletter of Kadaster International, Apeldoorn, the Netherlands, 11(2008)4, p1-4.

Contact

OICRF does its utmost to provide the best possible service for anyone who requests information - not least the members of FIG and other professionals who work within the industry. This is made possible by the support of our host, the Netherlands Cadastre, Public Registers and Mapping Agency.

Prof. Ir. Paul van der Molen
OICRF Director

Ir. Christiaan Lemmen
OICRF Secretary

January 2009

FIG 32nd General Assembly in Eilat, Israel, May 2009

International Institution for the History of Surveying & Measurement

Report of Activities 2008-2009

The Group prepared a 1½ day symposium just before the FIG Working Week in Stockholm. This was attended by around 50 colleagues with a large representation from Africa. Delegates had an opportunity to study and to read all Tycho Brahe contribution, in the Royal Library during the FIG Working Week period.

There was also a separate special session attended by African colleagues to discuss the link from the Struve Arc to the 30th Meridian via the cross Mediterranean link from Crete to North Africa. The political situation in this area is actually difficult with some of the countries involved not answering any communications but we continue to work on it. The General Assembly approved our efforts to link the two meridians and to foster further research.

Jim Smith has prepared with colleagues from the UK and South Africa a book on the History of the Tellurometer that should be published very soon. It is hoped that there will be a one-day meeting in Cape Town in 2009 to belatedly celebrate the 50th anniversary of when the system was invented and produced and of the person who invented it – Dr. Trevor Wadley.

Jan de Graeve and Jim Smith completed a 1,100 page translation, from French to English, of the final reports of FGW Struve originally published in 1857. The initial work on this was sponsored by Norway and Sweden and it is anticipated that the other 8 countries involved will each part sponsor the balance.

Members of the IIHSM also participated in the two-yearly meeting of all countries involved in the Struve World Heritage Monument. This was held in the Latvian town of Jacobspils. In addition to technical presentations there were visits to two of the survey stations to take part in inaugural celebrations.

Jan De Graeve has prepared, with his Belgian colleagues, an exhibition in Braine-l'Alleud, south of Brussels (where the Battlefields of Waterloo are), on the origin of the Meter and the origins of the Cadaster. This was open for a month early in 2009.

For Eilat the IIHSM have 12 speakers announced for the FIG Symposium on History of Surveying.

For 2010 John Brock (Australia) has already prepared papers and speakers for the History of Surveying symposium that will be attached to the FIG Congress in Sydney. John Brock will be the local organiser of that event. He has also agreed to take on the organisation of future events for the IIHSM at future FIG Working Weeks and congresses.

Jan de Graeve is also preparing a contribution on geodesy during 17–18th centuries for the *History of Cartography* series of books, by Chicago Press.

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Belgie
Tel. + 32 21268 10 25
Fax + 32 2 262 10 33

January 2009

FIG 32nd General Assembly in Eilat, Israel, 3-8 May 2009

Report of the FIG Foundation 2008

1. Administration

The FIG Foundation is located in the FIG office in Copenhagen.

A Board of Directors chaired by the President of the FIG Foundation makes the decisions of the Foundation. In the period 2007 to 2010 the Board of Directors is:

- John Hohol, President of the FIG Foundation (USA)
- Prof. Michael Barry, Director (Canada)
- Iain Greenway, Director (Ireland)
- Prof. Bela Markus, Director (Hungary)
- Ken Allred, Director and Council Representative (Canada)

Further Mr. Jack Dangermond, President and Founder of ESRI, has been acting as an Honorary Chair of the Foundation Fundraising Campaign.

After Ken Allred's term of office in the Council ended at the end of 2008, the FIG Council appointed Iain Greenway as the Council Representative in the Board of Directors. For the open position Mr. Warwick Watkins, Director General of NSW Department of Lands, Australia, was appointed for the remaining term of office.

2. Programmes with Corporate Members

There are two grant programmes under the FIG and the FIG Foundation:

- The ESRI/FIG Grant Programme was introduced in 2002
- The Intergraph/FIG Grant Programme was introduced in 2003 including different categories of grants.

3. Donations in 2008

The FIG Foundation has received following donations at the FIG Working Week in Stockholm:

- Donations from Working Week in Stockholm	€ 9,717
- Voluntary donations from Stockholm	€ 1,138
In total	€ 10,855

The total income in 2008 was € 16,385.

List of voluntary donators

FIG Working Week in Stockholm

Greenway Iain
Kovács Enikő
Mihály Szabolcs
Morley Andrew
Yanakiev Angel
Iván Gyula
Ives Jerome
Brock John
Curnow Jim
Foster Robert
Kaufmann Jürg
Hohol John
Markus Bela
Abbossey Jonathan
Akpan Basse
Djaba Stephen
Essien Okokon
Etukudo Ekerete
Sani Nuhu
Schøler Kjeld Lohmann
Asterno Svante
Elmstrøm Henning
Mjøs Leiv Bjarte
Oliveira João Paulo
Strande Kari
Talich Milan
Teetzmann Volkmar
Tomandl Libor
Thoene Karl-Friedrich
Böder Volker

4. Grants 2008 and 2009

Ten applications for grants were received in 2008, but after the evaluation the Board of Directors decided not to support any of the applications. The Foundation decided to give a grant to the International Geodetic Students Meeting in 2008.

When considering the grants for 2009 the Board of Directors decided to offer scholarships for authors of peer review papers that will be presented at FIG conferences. These scholarships are available for authors coming from developing countries and will cover travel and accommodation costs.

The FIG Foundation received 15 applications for grants and fellowships for 2009. Five of these applications were for scholarship to attend the FIG Working Week in Eilat. The Board of Directors decided to give a grant to William Kalande from Kenya for his project *“Development of a Cadastral Land Dispute Classification System Using Geographical Data*

Modeling”. In addition two scholarships were given to authors from developing countries to present their peer review paper at the FIG Working Week 2009. These scholarships were available for the first time in 2009. The FIG Foundation decided further to support the International Geodetic Students Meeting in Zürich, Switzerland.

Next time the grants will be available for 2010, deadline for applications in late 2009.

5. Accounts 2008

The income statement for 2008 and the balance sheet at 31 December 2008 are attached to this report.

The total income in 2008 was € 16,385 and expenses € - 1,718 which gives the net result of € 18,103.

The total assets are € 161,519.

John Hohol

President of the FIG Foundation

February 2009

Web page: www.fig.net/foundation

The FIG Foundation

Income statement for 2008

<u>Note</u>	<u>2008</u> EUR	<u>2007</u> EUR
Donations		
Personal donations	1.138	565
Other donations	9.717	3.784
FIG Conferences, Regional conferences	0	2.050
Various	149	0
Financial income	<u>5.381</u>	<u>4.215</u>
Total income	<u>16.385</u>	<u>10.614</u>
Expenses		
Grants	-1.791	11.171
Bank costs	<u>73</u>	<u>50</u>
Total expenses	<u>-1.718</u>	<u>11.220</u>
Surplus / Loss for the year	<u>18.103</u>	<u>-606</u>

The FIG Foundation

Balance sheet at 31 December 2008

Assets	<u>Note</u>	2008 EUR	2007 EUR
Current assets			
Receivables			
Account receivable, FIG		0	197
Other receivables		<u>1.342</u>	<u>3.418</u>
Total receivables		<u>1.342</u>	<u>3.615</u>
Liquid funds		<u>160.177</u>	<u>118.542</u>
Total current assets		<u><u>161.519</u></u>	<u><u>122.157</u></u>
Total assets		<u><u>161.519</u></u>	<u><u>122.157</u></u>
Equity and liabilities			
Equity			
Equity in the beginning of the year		116.139	116.767
Fluctuations		93	-22
Retained earnings		<u>18.103</u>	<u>-606</u>
Total equity		<u><u>134.335</u></u>	<u><u>116.139</u></u>
Liabilities			
Short-term liabilities			
Account payable, FIG		26.829	0
Other debt / Grants not paid		<u>355</u>	<u>6.018</u>
Total short-term liabilities		<u>27.184</u>	<u>6.018</u>
Total liabilities		<u><u>27.184</u></u>	<u><u>6.018</u></u>
Total equity and liabilities		<u><u>161.519</u></u>	<u><u>122.157</u></u>

**Report to the 32nd General Assembly
FIG Working Week in Eilat, Israel, May 2009**

Task Force on Institutional and Organisational Development

Report of Activities 2008-2009

1. Introduction

This Task Force was established by the FIG Council, and endorsed by the 2007 General Assembly, as a key element in Building the Capacity. This report provides the General Assembly with a summary of work over the last year, and plans for the next stages of work.

2. Task Force Membership

The Task Force's membership was drawn from across continents and disciplines, to ensure that the Task Force saw issues in a broad manner. The membership approved by the Council was as follows:

- Iain Greenway (UK) – Chair
- Santiago Borrero Mutis (Colombia)
- Adam Greenland (New Zealand)
- Teo Chee Hai (Malaysia)
- John Parker (Australia)
- Richard Wonnacott (South Africa)
- Spike Boydell (Australia)

3. Overview of Task Force work and plans

The Task Force has followed the division of capacity work into two elements: capacity assessment and capacity development. During 2007 and 2008, the Task Force concentrated on capacity assessment, and developed frameworks and templates for this. This work is outlined in section 4 of this report. The Task Force is during 2009 preparing tools to assist organisations in capacity development, as described in section 5.

Given the timetable to which the Task Force is working (to present an FIG Policy Paper to the 2010 General Assembly for approval), all comments and suggestions surrounding the work and plans of the Task Force, either arising from this report or from the paper on the work of the Task Force in Technical Session 3E, are welcomed.

4. Development of a model to assess capacity

A model through which to assess capacity was developed in close conjunction with ITC from the Netherlands, and was tested at a workshop at the Cambridge Conference of National Mapping Organisations in July 2007. The ITC model had been developed in conjunction with UN Agencies and considered the three levels of societal (systemic), organisational and individual. The model was well received at the Cambridge Conference workshop but

comments made by participants, along with reference to other published material, led the Task Force to make some further refinements to it.

The Task Force in particular considered the elements of capacity in the Cambridge Conference model (noting that most authors have settled on the three levels of capacity) and refined it into six elements, those being:

- The development of appropriate land administration policy and legislation;
- The conversion of those policies and legislation into strategies, systems and programmes;
- Agreeing the split of activity between different stakeholders;
- The production of the necessary outputs (for instance, accurate and current surveys, land registers and valuation lists);
- The effective use of those outputs; and
- Ensuring effective learning and improvement.

The Task Force then created an assessment template, providing four statements for each of 18 areas (each of the six elements above, at each of the three levels). Respondents were asked to rank the statements 1-4 in terms of how well the statements reflect the situation in their country/ state.

The assessment template was made available on line during the middle months of 2008, and was also made available in hard copy versions. 41 questionnaires were completed in full. The results include returns from:

Australia	Brunei	Bulgaria	Canada
Colombia	Cook Islands	Czech Republic	Denmark
Egypt	Fiji	Finland	France
Germany	Hong Kong	Malawi	Nigeria
Norway	Singapore	Solomon Islands	South Africa
Sri Lanka	Swaziland	The Netherlands	The Philippines
Tonga	UK	USA	Vanuatu

giving a broad geographic spread of responses. The responses to many of the questions are very clear cut, suggesting that common issues exist in different regions – this is encouraging in that it allows a single set of outputs from the Task Force to support work in various regions.

The table below provides an overview of the responses (where the most often-selected response is shown, 1 being the ‘worst’ description and 4 being the ‘best’ description).

	Societal	Organisational	Individual
Policy development	4	3	3
Conversion into programmes	3	3	2
Division of work	1	3	2
Producing outputs	2	3	3
Use of outputs	2	3	3
Learning	3	3	2

A textual summary of the results is that:

- The organisational section scores best, with the third answer being selected in all six areas;
- In the institutional section, the worst answer is selected once and the second answer two times. Despite the best answer being selected once, it is last choice for very many respondents;

- In the individual section, the second answer is selected three times and the third answer three times;
- The area scoring best is policy development;
- The area scoring worst is agreeing the division of labour between stakeholders at the various levels.

Of course, this analysis is somewhat crude, simply showing the answer that is selected most often by respondents as their first choice (the best fit with their perception of the situation in their country); and it is of 41 completed returns, albeit from a wide range of countries.

5. Developing support materials for developing capacity

Recognising the constraints set out in the previous section, the Task Force examined the responses, including the textual responses as to specific issues which hamper organisational capacity in the views of the respondents, and drew the following broad conclusions from the responses:

- Cooperation between organisations is a weak point, with cooperation instead being suspicion in some cases, and the remits and skills of the different organisations not joined up effectively;
- Effective working across sectors is a particular issue brought forward in the free-form comments;
- There are skill gaps declared, particularly in the conversion of policy into programmes, the division of labour, and ensuring effective learning and development;
- Stakeholder requirements appear insufficiently understood/ insufficiently balanced when turning to ensuring effective use of outputs;
- There is insufficient time and effort given to learning from past experience.

The Task Force is now focussing its work on how organisations, and in particular different levels (regional/ national/ sub-national) and sectors (public/ private/ professional expertise), can work together more effectively. With a range of land administration initiatives at each level, it is vital that organisations demonstrate effective coordination, collaboration and cooperation with each other.

The Task Force has therefore moved one stage further from the above summaries, to consider what statements need to be true if institutional and organisational arrangements are such as to enable sustainable capacity to be put in place. The Task Force is in the process of developing its key statements, and welcomes discussion during the Working Week. The statements are currently as follows:

1. There are clear statements of what each level/ sector is responsible for
2. Relevant training courses clearly explain the need for cooperative working, and the roles of each level/ sector
3. There is clear leadership ‘from the top’ to encourage joining up
4. A clear role/ input is given to the private sector (including professional bodies)
5. There is a clear focus in place to develop a cooperative culture at individual level
6. The network of individuals and organisations has a sufficient voice with key decision makers that land administration issues are taken fully into account in all central policy making

7. Strategy making is a process open to all stakeholders, with all relevant voices being clearly heard
8. The legal framework enables [or at least does not hinder] modern techniques and cross-sector working
9. There are structured methods for learning from our own and others' experiences

The Task Force intends to progress its work by producing an FIG Policy Paper for publication at the FIG Congress in Sydney, Australia in April 2010. The paper will include practical support tools for organisations seeking to assess and develop capacity. The content of the document is likely to include:

- A policy declaration by FIG
- The context – stressing the importance of land administration for national and economic development, and the need for successful, sustainable organisations and institutions to achieve this
- The background – explanation of terms; some models which may prove useful; the three tier model of systemic/ organisational/ individual; links/ references to other relevant work
- The research – the model (6 areas by 3 levels) used; results of the questionnaire (and any other relevant material)
- The components that need to be in place for institutional and organisational capacity to be developed and sustained, as determined from the Task Force's research across countries and continents, with examples of good practice against each statement
- Conclusions and recommendations
- Annexes
 - A self-assessment tool
 - A checklist (for use by CEOs etc) of key issues from the work of the Task Force that need to be concentrated on

The paper will therefore give practical advice to organisations and practitioners, both on a general basis of key issues to consider, and in a tool to allow them to identify their own strengths and areas for development. It will build on several other FIG Publications, including the Bathurst Declaration; the Nairobi Statement on Spatial Information for Sustainable Development; the Aguascalientes Statement; and Capacity Assessment in Land Administration. It will also be designed to complement other studies.

The Task Force will also consider how the Internet, and in particular knowledge portals and the like, can be used to assist the process of assessing and building capacity. The Global Spatial Data Infrastructure (GSDI) Association has established such a portal. The Task Force membership includes an individual who is very active in the GSDI Association, and one option which will be progressed by the Task Force is making a range of material available via the GSDI Portal.

6. Final remarks

The FIG Task Force on Institutional and Organisational Development was established by the FIG General Assembly in 2007. It has since then:

- Developed, tested and refined a self-assessment template to determine where the main strengths and weaknesses in land administration capacity lie;
- Used the results of the template to propose key elements for success; and
- Begun to prepare an FIG Policy Paper which will include diagnostic tools for organisations

The author, as Task Force Chair, gratefully acknowledges all of the input and support provided by the Task Force members, FIG Council and Commission Officers, and others, in bringing the work to this stage.

Iain Greenway
Task Force Chair

February 2009

Web site: www.fig.net/tf/organisation/index.htm

FIG 32nd General Assembly in Eilat, Israel, 3-8 May 2009

FIG-Task Force on Spatially Enabled Societies (SES)

Project Idea

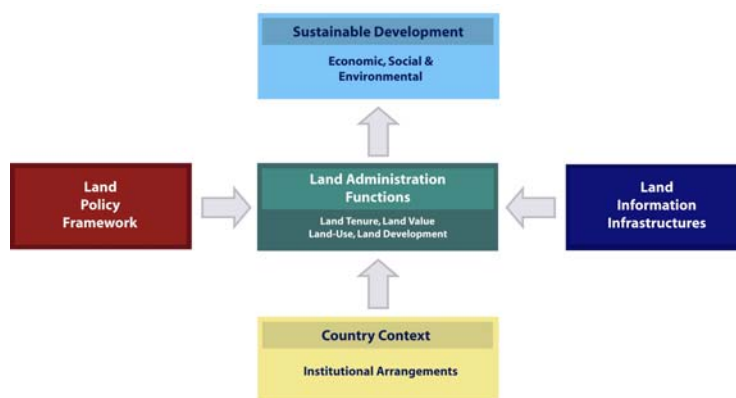
It is proposed to establish a short term Task Force (TF) with the aim to explore the issue of Spatially Enabled Societies (SES) from a cadastral and surveyor’s point of view. The purpose is to identify the role of the profession, how it can provide for a spatially enabled society and to make recommendations. The TF should attempt to take different regional perceptions on board and to reflect them. The context would have to take different economic and social situations into account, developed as well as developing countries.

The expected result of this task force is to develop a comprehensive FIG position paper on SES (about 20 pages), and 4-5 regional reflections of 2-4 pages each. This will be launched as a FIG publication at the Congress in Sydney 2010.

Scope

The 13th PCGIAP meeting in 2007 concluded with the statement that “*A spatially enabled government is one that has ready access to the spatial or geographic or location based information and associated technologies that it requires and is applying these productively to government decision making, including developing policy and supporting its own business processes*”. In analogy, societies can be considered as spatially enabled “*where location and spatial information are regarded as common goods made available to citizens and businesses to encourage creativity and product development*” and so informed can participate in the decision-making and governance process.

The Bathurst Declaration established the dependency between sustainable development and land administration and made the clear statement that "sustainable development needs sound land administration". Often the term "Land Management" is being used in this context as illustrated in the following figure.



The Land Management Paradigm

EuroGeographics, in their vision document “*Cadastral and Land Registration in Europe in 2012*”, identify the trends and developments in two complementing directions. Accordingly, the field of C&LR is to provide security of ownership – through an established and reliable cadastral system – and based on the same information to provide geodata and services to the market. The contribution and role of the cadastre in this structure is to collect, maintain and update authentic and official data in reliable registers. This concerns mainly private- and public-law rights and restrictions, as well as official and basic geodata serving multiple public purposes, such as geo-referenced addresses. In doing so, the cadastre can contribute to sustainable development through multiple services based on reliable information.

It is important for the surveying profession and for the cadastral institutions to recognize their roles in this context. Only with this awareness, the profession can develop itself, foresee opportunities and prepare for the future.

Proposed Time Schedule

March 2009	Informal discussion of next steps to be taken and to agree on potential TF members (at the FIG/WB conference in Washington DC)
May 2009	Meeting of TF, preparation of position paper and how to get regional input (at FIG Working Week in Eilat, Israel)
June-August 2009	Regional input (through regional contributors)
July-September 2009	Feedback of regional contributors to be circulated among TF members
October 2009	Position paper finalized by TF members
December 2009	Final text by regional contributors
January 2010	Editing and finalizing of extended paper
April 2010	Launching of publication at the FIG Congress in Sydney

Organisation

Chair:

Daniel Steudler (Switzerland)

Possible TF members:

Abbas Rajabifard (President elect of GSDI), Kari Strande (Norway), and Teo CheeHai (Malaysia)

Possible Regional Contributors:

Africa: Dozie Ezigbalike (UN-ECA, Ethiopia)

North America: Dave Coleman (UNB, Canada)

Latin America: Santiago Borrero (IPGH, Colombia)

Asia: Ahmad Fauzi Nordin (Malaysia)

Australia/Pacific: Ian Williamson (Australia)

FIG 32nd General Assembly in Eilat, Israel, May 2009

FIG Africa Task Force 2009- 2014

Background

The UN Millennium Development Goal (MDG) of halving poverty will not be reached in Africa. The same applies to a number of the other MDGs. There is a need to revitalise the efforts in a large number of areas, whilst it is also important to view efforts to find best practices in all areas of society.

Africa has seen many positive developments and experienced progress in several areas in the past decade, primarily thanks to Africa's own efforts and reforms. In recent years Africa has achieved growth rates of about 5%. Furthermore, there are also clear signs of improvement in governance. The business environment is improving. Many countries are taking steps to combat corruption. The public authorities in many places have improved.

Despite these and many other positive examples, Africa faces considerable challenges in the next couple of years, and development must be accelerated further. In a global context, Africa has largely been left behind in the area of economic growth, which is a pre-requisite for solving many of the still existing challenges.

Focus of the Task Force

The Task focus is on the African Surveying Profession and how it can best contribute to meet the key challenges of poverty alleviation, economic growth, and environmental sustainability.

The key purpose is to enable the surveying profession in Sub Saharan Africa to deal with social responsibility in terms of contributing to achieving the MDGs. In this regard, the role of the surveyors as change agents engaging with the politicians is important. This relates to the professional status of surveyors that in turn is based on the principles of social responsibility and justice.

The Task Force will consider and present new and creative tools to revitalise and strengthen members within Sub Saharan Africa. The focus will be on building the capacity of the surveying association and individual surveyors to act as agents of positive change and encourage the process of development and growth for the benefit of Africa and its people. Recent good examples of such approaches can be found in Kenya and Ghana. Within the framework of Professional Development and Ethics the task force will look at developing capacity and relevant tools in three key areas:

- Peri-urban development – to develop tools to plan for access rights to sanitation and water infrastructure in emerging informal settlements, and thereby also complimenting the current FIG efforts to increase access to secure tenure

- Environmental resilience – to develop tools for responding to local natural resource environmental degradation by integrating the principles of sustainable development into all stages of the building cycle process and by encouraging practices to stem the loss of environmental resources
- Recruitment and involvement of young surveyors and women - concentrating on ways and means to breaking down entry barriers for young people and women

The Task Force will be established at the FIG WW in Eilat, Israel, May 2009. A mid term report will be presented at the FIG WW in Rome 2012 and the final recommendations will be presented in a FIG publication to be launched at the FIG Congress 2014.

Even if the focus of this Task Force is on the African region the results can of course be multiplied for inspiration and implementation in other regions such Asia and Latin America.

Working Programme of the Task Force

The Africa Task Force will have an ambitious working programme that includes a range of thematic seminars and open discussion fora prior to the submission of the final report. This will include

2009	Liaison activities to ensure African ownership and relevant input to the work plan
2010	FIG Congress, Sydney - Open forum discussion
2010	Regional Seminar in Africa - Theme: Peri-Urban development
2011	FIG WW, Marrakesh - Open forum discussion
2011	Regional Seminar in Africa – Theme: Environmental resilience
2012	FIG WW, Rome – Presentation of mid-term report and open forum discussion
2012	Regional Seminar in Africa – Theme: Recruitment and involvement of young surveyors and women
2013	FIG WW..... - Open forum discussion
2013	Regional Seminar in Africa - Pulling together recommendations.
2014	FIG Congress..... - Launch of report.

With the aim of ensuring African ownership and in order to provide valuable input for the Task Force’s work, a series of thematic workshops will be arranged in Africa between the Working Weeks to inform, and be widely discussed at the next Task Force meeting. Members of the Task Force will participate and co-chair each conference.

The Task Force will be chaired by Dr. Diane Dumashie, current Chair of FIG Commission 8. Members of the Task Force will include key persons anticipated to be representatives from East, South, Central and Western African countries. Other FIG resource persons may also contribute to achieving the aim and objectives of the Task Force.

The Task Force will be allocated some budget funds on biannual basis from the Council for organising the regional events. The Council will also look for funding support through partnership with UN agencies and donor organisations.

FIG 32nd General Assembly in Eilat, Israel, 3-8 May 2009

FIG Young Surveyors Network



Purpose

The FIG Young Surveyors Network is a continuation of the work the FIG Young Surveyors Working Group (WG 1.2) that was formed at the FIG Congress in Munich in 2006. The Young Surveyors Working group was established in response to the low number of students and young surveyors participating at FIG events and to the fact that FIG was largely unknown among young surveyors. Further, many of FIG member organisations are reporting difficulties in attracting and retaining young people to the surveying profession.

The goal of the FIG Young Surveyors Network is to increase the number of active young surveyors within FIG and to create connections between “experienced” and “younger” surveyors. The first work plan for this group was developed in Cairo in October 2007. In the FIG administration structure the network will be a Working Group under Commission 1.

Terms of Reference

Building and maintaining relationships between young surveyors and FIG by:

- Proposing and performing activities during FIG events to attract and promote FIG as an organisation for network and knowledge creation;
- Establishing necessary liaison relationships with other young surveyors organisations;
- Establishing and maintaining lead contacts to Commission Chairs etc and securing that the working relations are in place;
- Maintaining an information flow on the Young Surveyors Network to FIG members through the FIG website and FIG e-Newsletter, and more directly to relevant Commission Officers;
- Publishing the FIG Young Surveyors Newsletter quarterly with information about what is happening in the YS community.

The Young Surveyors Network is the hub of FIG Young Surveyors activities, making the necessary linkages and providing the necessary advice to commissions and others.

Progress and Plans

Until now the Young Surveyors Network has completed a range of activities with the aim to create interaction between generations. The most recent achievement was at the FIG Working Week 2008 in Stockholm where two sessions were held one technical and one more informal with a very large number of participants. Speed-mentoring sessions were additionally held

during lunch breaks and they became very popular both among the “young ones” as well as among the “experienced ones”.

Beneficiaries

The target groups of this network are Master- and PhD Students, young professionals and commission delegates.

Further Activities until 2010

1. Further engagement with the FIG Council, and other parties to determine sustainable sources of funding for:
 - Marketing of the group
 - Annual face-to-face meeting of the Young Surveyors Network, to coincide with FIG Congress/WW/intermediate event to further market the YS Network
2. Young Surveyors Beyond Horizons – project to coincide with FIG 2010 to further enable young surveyor attendance and sponsorship.
3. Young Surveyors Network website – creation of a more functional and accessible website, with more relevant information to young surveyors, including job information, young surveyor testimonials, university links, FIG links, etc.
4. Event documentation – ‘How-to’ documents and event and marketing ideas for implementation in national young surveyor organisations. To assist and to create ideas on how young surveyors can become more involved in their profession, and to develop models how they can help and support the FIG Young Surveyors Network and each other.
5. Career Pathways – research into how key surveying professionals have achieved their current roles, for use in identifying generalised career pathways for young surveyors and for targeted marketing of the profession.
6. The Young Surveyors Beyond Horizons Project, Phase 2. Pending success of phase one, the Young Surveyors propose phase 2 of YSBH, where worthwhile projects will be undertaken by Young Surveyors around the globe, similar to the work of groups such as Engineers without borders.

Assisting in the planning of upcoming FIG events by assisting in making contacts with local young surveyors and involving them in the planning process. In this way local knowledge can be used and the knowledge about FIG will be spread.

Young Surveyors Network can organise international scientific, technical and social events for young surveyors in cooperation with regional bodies and FIG members under the supervision of the FIG Council.

Links to related pages

Facebook: FIG Young Surveyors

Mailing list: sign up by sending an email to kcemalozgur@hotmail.com

<http://www.argeos.de/>

<http://www.ichemeoncampus.org/index.asp>

<http://www.imeche.org/ye/>

http://www.engineersaustralia.org.au/learned-groups/interest-groups/youngengineers-australia/young-engineers-australia_home.cfm

http://www.aia.org/yaf_default

If you would like further information on any of the above, or would like to join this network, please contact Cecilia Lindén.

Members of the Young Surveyors Network 2009-2010

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Vice Chair future Chair Elect

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The Network will appoint a contact person for each of the ten FIG Commissions.

Further reading

Papers related to the Young Surveyors Network

Fairlie, K. (2008) "Young Surveyors Beyond Horizons" Presented at the FIG Working Week in Stockholm, Sweden 14-19 June 2008. Available at:
http://www.fig.net/pub/fig2008/ppt/ts02f/ts02f_02_fairlie_ppt_2885.pdf

Kıvılcım, C.O., & McAlister, C. (2008) "A role-model for Integrating Generations: The Young Surveyor's Working Group" Presented at the FIG Working Week in Stockholm, Sweden 14-19 June 2008. Available at:
http://www.fig.net/pub/fig2008/papers/ts02f/ts02f_01_kivilcim_mcalister_3103.pdf

FIG 32nd General Assembly in Eilat, Israel, 3-8 May 2009

FIG Internal Rules

Geosuisse from Switzerland has sent the Council a letter in July 2008 proposing two changes to the FIG statutes and internal rules.

Proposal 1: Candidate shall decide clearly for which function he/she will apply and to omit multiple choice applications.

Comment: The option of standing up for two different positions was not considered at the time the statutes were revised. The Council considered the situation before Stockholm, but it was considered to make any formal changes at this time (the candidate was contacted on the situation, but he continued to run for both positions. There is need to change the statutes.

Change to internal rules:

Proposal:

New Internal Rule 9.4 *No individual may be nominated for election to more than one position at any General Assembly. No serving Commission Chair or Chair Elect may be nominated for a position on Council if this would result in overlapping terms of office as a Council Member and Commission Officer.*

Proposal 2: Same association should not lead more than one commission at the same time.

Comment: The principle of one association holding only one chair at the same time has been unwritten rule. At the moment there are two chairs from Hungary (to be noted that there can be two chairs from the same country, if there are two member associations). Exceptions have been made because it has been difficult to find candidates in certain commissions. It would be understandable to write this principle in the statutes. In the case that there will be no candidates, the Council has the responsibility to find a chair. At this situation candidates from all member associations can be considered (even if there is already a chair from that association).

Change to internal rules:

Current:

Internal rule 11.4 Each commission shall be presided over by a chair who shall take office at the start of the year following a congress and serve for a four year term. The election of chairs of commissions shall be decided by a vote of the General Assembly. In the case of each commission, nominations may be made by a member association. Nominations shall normally be called for at least four months in advance of the General Assembly at which the elections are to be held to enable the Council to ensure that the nominees command the support of their member associations and the relevant commissions. A nominee shall preferably have played an active part in the activities of the commission for which he or she is being nominated as chair, and shall have demonstrated possession of the personal and professional capabilities needed to lead the work of the commission. In addition, the Council shall assure itself as to the nominees' practical availability for service and that they have sufficient financial and administrative support. In the event of no nomination being received for the chair of a

particular commission, the Council shall take such action as may be needed to ensure that the position is filled.

Proposal:

Internal rule 11.4 Each commission shall be presided over by a chair who shall take office at the start of the year following a congress and serve for a four year term. The election of chairs of commissions shall be decided by a vote of the General Assembly. *For each four year term, each member association may nominate one person for a position of a Commission Chair.* Nominations shall normally be called for at least four months in advance of the General Assembly at which the elections are to be held to enable the Council to ensure that the nominees command the support of their member associations and the relevant commissions. A nominee shall preferably have played an active part in the activities of the commission for which he or she is being nominated as chair, and shall have demonstrated possession of the personal and professional capabilities needed to lead the work of the commission. In addition, the Council shall assure itself as to the nominees' practical availability for service and that they have sufficient financial and administrative support. In the event of no nomination being received for the chair of a particular commission, the Council shall take such action as may be needed to ensure that the position is filled.

Current

Internal rule 11.8 The election of chair-elect shall be decided by a vote of the General Assembly at the meeting which takes place two years prior to the General Assembly at which chairs are elected. In the case of each commission nominations may be made by a member association. Nominations shall normally be called for at least four months in advance of the General Assembly at which the elections are to be held to enable the Council to ensure that the nominees command the support of their member associations and the relevant commissions. A nominee shall preferably have played an active part in the activities of the commission for which he or she is being nominated as chair, and shall have demonstrated possession of the personal and professional capabilities needed to lead the work of the commission. In addition, the Council shall assure itself as to the nominees' practical availability for service and that they have sufficient financial and administrative support. In the event of no nomination being received for the chair of a particular commission, the Council shall take such action as may be needed to ensure that the position is filled.

Proposal:

Internal rule 11.8 The election of chair-elect shall be decided by a vote of the General Assembly at the meeting which takes place two years prior to the General Assembly at which chairs are elected. *For each four year term, each member association may nominate one person for a position of chair-elect of a Commission.* Nominations shall normally be called for at least four months in advance of the General Assembly at which the elections are to be held to enable the Council to ensure that the nominees command the support of their member associations and the relevant commissions. A nominee shall preferably have played an active part in the activities of the commission for which he or she is being nominated as chair, and shall have demonstrated possession of the personal and professional capabilities needed to lead the work of the commission. In addition, the Council shall assure itself as to the nominees' practical availability for service and that they have sufficient financial and administrative support. In the event of no nomination being received for the chair of a particular commission, the Council shall take such action as may be needed to ensure that the position is filled.

**Report to the 32nd General Assembly
FIG Working Week in Eilat, Israel 2009**

Financial Issues (including 2008 Accounts and 2009-2011 Budgets)

1. Introduction

The 2008 General Assembly raised a number of issues regarding financial matters, including the transparency of reporting and the levels of membership subscriptions. The Council spent a considerable time discussing these issues at its meeting in February 2009. This paper summarises key conclusions and decisions of the Council, as well as covering the formal reporting of 2008 FIG Financial results, budgets for 2009-11 and subscription fees for future years.

Following matters from the report need General Assembly decision and thus the General Assembly is asked to:

- Adopt the audited 2008 Accounts at Annex 20A to the General Assembly agenda
- Note the changes to the financial reporting template, presented as Annex 21B to the General Assembly agenda
- Approve the creation of general and specific reserves for FIG, as described in section 5 of this paper
- Approve that the General Reserve will be managed by the Council in the range 90-100% of regular annual expenditure, and that Council will review this range every two years (when agreeing the work plan for each new Council, and at the mid-term review of the work plan)
- Approve amended member association subscriptions for 2010, and member association subscriptions for 2011, set out in section 7 of this paper, including the changes to the maximum and minimum subscription levels
- Endorse the budgets for 2009, 2010 and 2011 as Annex 20C to the General Assembly agenda

2. Financial situation at the end of 2008

The audited 2008 accounts for FIG are attached as Annex 20A to the General Assembly agenda. They show that the Federation achieved a surplus of €28,029 for the year and held reserves of €503,453 at the end of the year. The accounts are presented in the familiar format and have been approved by the Council. They are presented to the General Assembly for adoption, in line with the Statutes.

3. Financial reporting formats and timetables

The Council has carefully reflected on the issues around financial reporting that were raised at the 2008 General Assembly. To address these, the Council has created a new reporting format, which is used for the 2008 financial figures in Annex 20B to the General Assembly agenda.

This uses types of direct expenditure as the reporting categories, rather than costs being allocated to different activities. This reporting format will be used from 2009 onwards.

In the proposed format:

- Subscriptions invoiced are clearly shown as a category – bad debts are set against them, rather than being recorded in another category
- Bank interest continues to be shown separately
- The areas of ‘Office and Council’ expenditure is divided into three categories – administration, marketing and publications, and council and executive management
- Administration is categorised into material headings:
 - Office costs (including office staff salaries, office rent and material costs)
 - Outsourced office costs (IT, book keeping, auditing)
- Marketing and publications – brought together (previously under a number of different items in the financial report)
- Council and executive management includes costs of the Council and the Director, all official travel funded by FIG (for President, Council members, other officers, Office staff) and all FIG meeting costs
- Commission support – both regular and intermittent
- A surplus of regular income over regular expenditure – a crucial indicator of whether the Federation is financially sustainable
- Events brought together above a sub-total – to bring greater clarity and transparency to the net result received from them
- Other projects – again, brought together

The Council has also considered the reporting cycle, and taken the view that FIG should use a 4-year budgeting cycle from 2011. This will allow the financial consequences of implementing the Council’s work plan to be reported, including the varying income to FIG from smaller and larger Working Weeks and Congresses. As a first stage in this process, a budget for 2009, 2010 and 2011 is being presented to this General Assembly. The Council is mindful that a new Council will be in place from 1 January 2011, but also that the Federation needs to plan ahead with regard to its finances.

4. A commentary on FIG income and costs 2008

The regular income of the Federation comes very largely from member subscriptions, particularly from member associations and corporate members. The inclusion of the corporate member category, and the current work to grow affiliate members (particularly amongst national survey and mapping organisations), has allowed the membership base to be broadened. This has the dual advantages of spreading the costs of running FIG more widely (and therefore has enabled membership subscriptions generally to rise in level with inflation, whilst at the same time developing the work of the Federation, and building reserves to buffer the Federation against unforeseen events), and of increasing the strength of the voice with which FIG, already the premier organisation representing surveyors globally, can speak to such organisations as the UN, the World Bank and national governments.

Subscription arrears at the end of 2008 were €85,000. The arrears were subdivided as follows:

- Member associations - €43,000. €32,000 of these arrears relate to 2008.

- Corporate members - €27,000.
- Academic members owe a total of €10,000. There are small amounts owed by a large number of institutions.
- Affiliate members owe a total of €5,000. This also consists of generally small amounts owed by a range of institutions.

The audited costs of running FIG in 2008, as can be seen from Annex 20A, were €474,745. The bulk of these costs, as can be seen more clearly in Annex 20B, were associated with the Office and the Council.

The largest single cash cost category is the FIG Office. This is to be expected, given the staff employed there and the significant work that they undertake. The Office has become central in the work of FIG, and the activity undertaken by its staff enables the Federation's Council members, Commission Officers, Task Force chairs and others to work more effectively, knowing that the staff are on hand to complete key work. Key work in the office can be categorised as member services, commission services, communications, and event development and management. Each of these is crucial to the effective and efficient running and development of FIG. No formal evaluation of the value of the effort undertaken by FIG 'volunteers' has been completed, but a conservative estimate is that the efforts are in excess of €1 million per year. The activity in the Office allows this effort to be applied considerably more effectively. The Office therefore has a key role in supporting the President, Council members and Commission Officers in executing their duties, and also in assisting the Council in providing FIG with a profile that befits its global standing as the leading international surveying organisation.

Marketing and publications is an important category of expenditure, which is supplemented considerably by the representational and ambassadorial work undertaken by the President, Council members and many others during each year. The relatively small level of direct cash expenditure is therefore not the full cost of this important work.

The Council of FIG also fulfils a range of responsibilities. These can be categorised as promoting the profession, executive management of the Federation, member support and event development. Further details of the range of representational and ambassadorial work undertaken by the President and Council members can be found in the President's report to the General Assembly, the biannual President's letter and, more generally, on the FIG website month by month.

Income from events is a crucial revenue stream to FIG, as can be seen by the deficit of regular income against regular expenditure in Annex 20B (€30,721 for 2008). The Office is very heavily involved, along with the host association, in ensuring the success of each event (measuring 'success' by the amount of learning for individual attendees, and promotion of the profession, rather than primarily the financial results).

Project work in 2008 in FIG was limited, although some work was done on improving management systems in the FIG Office.

5. FIG Reserves

The Federation began 2000 with no reserves. The American and German Bureaux, and the current Council, have made tremendous strides to build a reserve, with an initial target of that reserve being one times turnover, subsequently increased to 1.5 times turnover. Their success is reflected in the fact that the reserve at the end of 2008 is in excess of €500,000 (112% of 2008's regular annual expenditure). It is therefore appropriate at this stage to reflect on what the necessary size of reserve is.

It is perhaps first necessary to distinguish between

- A general reserve to ensure that FIG can cope with adverse financial situations; and
- Specific reserves to use for specific developmental purposes.

The two types of reserves together are the total reserves of the Federation and the total of the two types of reserves is what has been targeted to reach first one times turnover, and more recently 1.5 times turnover.

5.1 General reserve

This should protect the Federation against adverse financial situations, and therefore needs to be large enough to cater for a series of poor financial situations, but not excessive – the Federation is not a bank; its funds belong ultimately to its Members. The reserve should therefore, the Council believes, be:

- Sufficient to cope with three bad years in a row; and
- Sufficient to cope with a crisis

A bad year is perhaps one in which subscriptions are 10% below the norm, projects/ events make no surplus and all other expenditure is maintained. Using the 2008 outturn projections as a base, this suggests a loss of about €60,000 in a bad year.

A crisis is perhaps where the Federation has no income, takes a loss of €50,000 on projects/ events (because of forward bookings etc), cancels all discretionary expenditure but has 6 months salary and related costs to bear. Again taking the 2008 outturns as a base, this suggests a crisis loss of €190,000.

Taking three bad years and a crisis therefore suggests a general reserve of about €325,000 - €375,000 is required.

One other key issue needs to be considered at this stage, and that is unpaid member subscriptions. €85,000 of subscription arrears existed at 31 December 2008 – and this figure is not significantly out of line with previous years. These arrears are shown as income in the accounts when the amounts are invoiced, and then written off if it becomes clear that the money will not be received (usually when a member is expelled). The cash reserve is therefore lower by this amount than the 'published' reserve. And, in a crisis, it is cash that FIG will require. Council therefore proposes that €75,000 is added to the figures above, to reach a general reserve figure of €400,000-450,000. This figure is sensibly translated into a

percentage of FIG's regular annual expenditure. It equates to a range of 90-100% of regular annual expenditure.

Council proposes that, if the general reserve looks as though it will rise above 100% of regular annual expenditure, the Council will need to provide the General Assembly with an explanation of particular developmental activities for which it will be setting aside reserve. If the reserve looks as though it will fall below 90% of regular annual expenditure, the Council will have to explain what steps it is taking to protect the financial security of the Federation.

Council proposes that the allowable range of the general reserve should be reviewed on a two-yearly basis, and adjusted as necessary to take account of developments in the Federation's income and expenditure profiles. This would be done as part of each new Council's workplan, and at the mid-point review of the workplan.

5.2 Specific reserves

There may be specific activities for which the Federation wishes to hold a reserve. These might include:

- Planned development of the Federation;
- Planned development of FIG Office infrastructure;
- Support for specific Commissions/ groups of surveyors.

There may also be surpluses from particular events, such as those organised by Commissions, which the Council decides to hold for specific purposes (perhaps related to plans of the Commission in question).

It is therefore appropriate to earmark specific funds in specific reserves for specific activities. The balance sheet presented to the General Assembly would show the specific reserves for different purposes, but the Council would have authority (reporting to the General Assembly) to move money between different reserves (for instance, if money was held for a particular event which did not occur, the Council could decide to move the money in the reserve to be held for a different purpose).

If the reserve came from a Commission event, the expectation would be that the money was held by the Federation for use as the Commission saw fit.

6. Investments

The Federation must take care of its reserves, given that they are in place to protect the financial stability of the Federation. All investments of the reserves will therefore be in low risk investments. In the current financial climate, this means that reserves will be held in cash-based investments in a stable currency, and within limits of guarantees by relevant Governments. This policy will be reviewed as and when the current financial instability in the global economy ends.

All of the Federation's investments are currently held in bank deposit accounts, predominantly in Danish Kroner. Almost all of them are all fully guaranteed by the Danish Government until

the end of 2010. Council intends that they will continue to be invested in Government-guaranteed, cash-based investments. The one amount of money not fully Government-guaranteed is a sum of DKK 20,000 (€2,800) which was required guaranteed deposit capital to enable FIG to obtain higher interest rates on some of its investments.

At this stage, again given the financial uncertainty, the Federation will generally hold monies in the currencies in which they are received and with due regard to the currencies in which expenditure will be made. This means that the bulk of monies received (which are in euro) will be retained in euro, with conversion to Danish Kroner as necessary to make payments. The Danish Government is ensuring *de facto* that the Kroner tracks the euro, so the risk of significant loss for FIG through the euro-Kroner exchange rate is limited. FIG will not seek to use currency conversion as a tool to increase surpluses, but will seek to avoid significant losses through holding reserves in inappropriate currencies.

7. Subscriptions 2010 and 2011

The 2008 General Assembly approved membership fees for 2010 as follows:

Year	Per capita fee	Minimum fee	Maximum fee
2009	4.18 € per member up to a maximum of 4,000 members. Member associations from countries listed by the World Bank as low-income economies or lower-middle-income economies shall pay 2.09 € per member up to a maximum of 4,000 members.	200 EUR	136 per cent of the fee payable by an association with 4,000 members
2010	4.30 € per member up to a maximum of 4,000 members. Member associations from countries listed by the World Bank as low-income economies or lower-middle-income economies shall pay 2.15 € member up to a maximum of 4,000 members.	200 EUR	139 per cent of the fee payable by an association with 4,000 members (5440 members).

On consideration of the table above, and in light of comments by a number of (small and large) Member Associations, the Council proposes two structural changes:

- To fix the sliding maximum scale for subscriptions at 5,500 members from 2010;
- To reduce the minimum number of members used in calculating the subscription to 20, and the minimum annual subscription to €50 (whichever of the two figures is the greater). This is to address particular concerns raised by some African countries.

In addition, the Council has reflected on the size of the FIG reserve, and the current financial situation. Council believes that the finances of the Federation are healthy enough to freeze 2010 subscriptions at 2009 levels. Recognising the impacts of the current economic situation on all members, Council therefore proposes that the General Assembly amend the

subscription rates for member associations for 2010, and sets 2011 subscriptions as in the table below:

Year	Per capita fee	Minimum fee	Maximum fee
2009	<i>4.18 € per member up to a maximum of 4,000 members. Member associations from countries listed by the World Bank as low-income economies or lower-middle-income economies shall pay 2.09 € per member up to a maximum of 4,000 members.</i>	200 EUR	<i>136 per cent of the fee payable by an association with 4,000 members</i>
2010	4.18 € per member up to a maximum of 5,500 members. Member associations from countries listed by the World Bank as low-income economies or lower-middle-income economies shall pay 2.09 € per member up to a maximum of 5,500 members.	20 members or 50 EUR (whichever is greater)	5,500 members (22,290 EUR)
2011	4.30 € per member up to a maximum of 5,500 members. Member associations from countries listed by the World Bank as low-income economies or lower-middle-income economies shall pay 2.15 € member up to a maximum of 5,500 members.	20 members or 50 EUR (whichever is greater)	5,500 members (23,560 EUR)

The Council intends to follow the same principle of freezing 2010 subscriptions at 2009 levels when setting subscription levels for other categories of members.

8. Budgets 2009, 2010 and 2011

The budgets for these years are shown at Annex 20C, using the same reporting format as the template at Annex 20B. A range of notes to the budgets explain particular figures. Two specific overriding issues should also be borne in mind by the General Assembly:

- As always, we can make predictions about surpluses from events, but factors may arise which affect these; and
- The potential risk around subscriptions in the current economic situation could reduce the subscription income.

Annex 20C also indicates a number of areas Council considers appropriate for specific reserves to be held. These are:

- Commission reserves (recognising that the surpluses on some commission events should be held separately, for discussion with the Commissions involved as to appropriate ways to use the surpluses to develop the Commissions' and Federation's work).

- Office development activity. In particular, the FIG website, the primary communication tool for the Federation, is becoming very difficult to manage and develop. We also need to invest in integrating the various databases run by the Office, which are currently very unwieldy and ineffective.
- A specific reserve for supporting very poor member associations, or those who are not able to make payment of subscriptions, to provide them temporary support to allow them to continue their membership of FIG. Council is considering a number of options to take this forward. We could for instance establish a support fund for active member associations temporarily unable to pay their dues, although the mechanisms to ensure fairness in application of these funds would need careful consideration.
- Support for the work of Task Forces. Some of the current Task Forces are attempting to take forward high-profile and valuable work without any secured budget; availability of funding could in some cases improve the quality and accessibility of their outputs. The need for funding is explicitly mentioned in the terms of reference for the proposed Task Force on Africa.
- Some funds for activity with younger surveyors, subject to clear plans for the use of this money, for approval by the Council.

The FIG Office is currently specifying the work required on the website and databases, to allow quotes for the work to be obtained. At that stage, it will be possible for the Council to allocate initial amounts to each of these reserves.

9. Conclusion

The finances of FIG are in a healthy state, thanks to the work of many people over many years. This has given the Council the opportunity to review a range of issues. The results of the review are documented in this paper, which Council commends to the General Assembly.

Iain Greenway
Vice President

John Neel
FIG General Manager

1 March 2009

Independent Auditor's Report

To the members of The International Federation of Surveyors

We have audited the Annual Financial Report of The International Federation of Surveyors and the FIG Foundation for the financial year 1 January 2008 to 31 December 2008, which comprises the Statement of the Management on the Annual Financial Report, a summary of significant accounting policies, the income statement, balance sheet and notes. The Annual Financial Report has been prepared in accordance with generally accepted accounting principles of associations.

The Management's Responsibility for the Annual Financial Report

The Management are responsible for the preparation and fair presentation of this Annual Financial Report in accordance with generally accepted accounting principles of associations. This responsibility includes: designing, implementing and maintaining internal control relevant to the preparation and fair presentation of an Annual Financial Report that is free from material misstatement, whether due to fraud or error; selecting and applying appropriate accounting policies; and making accounting estimates that are reasonable in the circumstances.

Auditor's Responsibility and Basis of Opinion

Our responsibility is to express an opinion on this Annual Financial Report based on our audit. We conducted our audit in accordance with Danish Standards on Auditing. Those standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance whether the Annual Financial Report is free from material misstatement

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the Annual Financial Report. The procedures selected depend on the auditor's judgement, including the assessment of the risks of material misstatement of the Annual Financial Report, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the Federation's preparation and fair presentation of the Annual Financial Report in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Federation's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by the Management, as well as evaluating the overall presentation of the Annual Financial Report.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Our audit has not resulted in any qualifications.

Opinion

In our opinion, the Annual Financial Report gives a true and fair view of the Federation and the FIG Foundation's financial position at 31 December 2008 and of the results of its operations for the financial year 1 January 2008 to 31 December 2008 in accordance with generally accepted accounting principles of associations.

Albertslund, 29 January 2009

Bille & Buch-Andersen

Statsautoriseret Revisionsaktieselskab

Jimmi Christensen
State Authorized Public Accountant

Morten Rasmussen
Certified Public Accountant

Federation Information

Federation

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Director General Manager

Markku Villikka
John Neel

Auditor

Bille & Buch-Andersen
Statsautoriseret Revisionsaktieselskab
Holsbjergvej 31-33, DK-2620 Albertslund

Accounting policies

This annual financial report has been prepared in accordance with generally accepted accounting principles of associations as well in accordance with the accounting requirements of Danish legislation and the regulations.

The accounting policies applied for this annual financial report are consistent with those applied last year.

Recognition and measurement overview

Income is recognised in the income statement when earned, whereas costs are recognised by the amounts attributable to this financial year. Value adjustments of financial assets and liabilities are recognised in the income statement as financial income or financial expenses. Also depreciations are recognised in the income statement.

Assets are recognised in the balance sheet when it is probable as a result of a prior event that future economic benefits will flow to the Federation, and the value of the asset can be measured reliably.

Liabilities are recognised in the balance sheet when it is probable that future economic benefits will flow out of the Federation, and the value of the liability can be measured reliably.

On initial recognition, assets and liabilities are measured at cost. Measurement subsequent to initial recognition is effected as described below for each financial statement item.

Anticipated risks and losses that arise before the time of presentation of the annual financial report and that confirm or invalidate affairs and conditions existing at the balance sheet date are considered at recognition and measurement.

Income statement

Income and expenses

Items of income or expenses are stated within the period to which they relate irrespective of the payment date.

Balance sheet

Financial assets

Deposits are measured at nominal value.

Receivables

Receivables are measured at amortised cost, usually equalling nominal value less provisions for bad debts.

Prepayments comprise costs incurred relating to the subsequent financial year.

Foreign currency translation

On initial recognition, foreign currency transactions are translated applying the exchange rate at the transaction date. Exchange differences that arise between the rate at the transaction date and the one in effect at the payment date or the rate at the balance sheet date are recognised in the income statement as financial income or financial expenses.

Receivables, payables and other monetary items denominated in foreign currencies that have not been settled at the balance sheet date are translated using the exchange rate at the balance sheet date. The difference between the exchange rate on the balance sheet date and the transaction date is recognised in the income statement as financial income or financial expenses.

Income statement for 2008

	<u>Note</u>	<u>2008</u> EUR	<u>2007</u> EUR
Income			
Subscription, member associations		275.757	257.525
Subscription, affiliated members		15.385	12.097
Subscription, corporate members		108.794	104.312
Subscription, academic members		17.463	17.408
Sale of publications		1.643	0
Financial income		13.442	15.458
Events	1	70.139	39.961
Various income		151	0
Total income		<u>502.774</u>	<u>446.759</u>
Expenses			
Administration, FIG Office and Council	2	166.133	119.540
Council meetings	3	32.092	44.425
FIG meetings	4	43.081	48.758
Member support	5	49.087	61.062
Commission activities	6	52.787	64.759
Promotion	7	66.299	35.421
Projects	8	65.265	46.750
Total expenses		<u>474.745</u>	<u>420.714</u>
Surplus for the year		<u><u>28.029</u></u>	<u><u>26.045</u></u>

Balance sheet at 31 December 2008

Assets	<u>Note</u>	<u>2008</u> EUR	<u>2007</u> EUR
Financial assets			
Deposits		0	4.828
Total financial assets		0	4.828
Current assets			
Receivables			
Receivables from members		87.817	109.380
Receivable financial income		6.711	5.401
Receivable VAT		4.889	0
Merchandise		5.806	7.924
Account receivable, The FIG Foundation		26.829	0
Total receivables		132.052	122.705
Liquid funds		371.401	354.390
Total current assets		503.453	477.095
Total assets		503.453	481.923

Balance sheet at 31 December 2008

Equity and liabilities	<u>Note</u>	<u>2008</u> EUR	<u>2007</u> EUR
Equity			
Equity at the beginning of the year		418.920	392.875
Retained earnings		28.029	26.045
Total equity		<u>446.949</u>	<u>418.920</u>
Liabilities			
Short-term liabilities			
Projects in progress		10.254	22.081
Trade payables		11.537	6.241
Account payable, The FIG Foundation		0	197
Other debt		34.712	34.484
Total short-term liabilities		<u>56.504</u>	<u>63.004</u>
Total liabilities		<u>56.504</u>	<u>63.004</u>
Total equity and liabilities		<u>503.453</u>	<u>481.923</u>

FIG FINANCIAL RESULTS 2008 IN PROPOSED REPORTING TEMPLATE

This sheet presents the 2008 accounts in the proposed new template. The figures have been cross checked with the official accounts and match within rounding errors

	Account Year 2008 €	Notes	
REGULAR INCOME			
Subscriptions			
Member associations	275 757		
Affiliate members	15 385		
Corporate members	108 794		
Academic members	17 463		
Less bad debts	12 875		
	<u>404 524</u>		
Financial income	13 422		
Total regular income	<u>417 946</u>		
REGULAR EXPENDITURE			
Administration			
Office costs	173 396	1	<i>The office provides</i>
Outsourced office costs	34 486	2	<i>Member services</i>
	<u>207 882</u>		<i>Commission services</i>
Marketing and publications	<u>25 169</u>	3	<i>Communication</i>
			<i>Event management</i>
Council and executive management	<u>184 127</u>	4	<i>The Council provides</i>
			<i>Promotion of the profession</i>
Commission support		5	<i>Executive management</i>
Regular grants	25 000		<i>Member support</i>
Specific grants	6 489		<i>Event development</i>
	<u>31 489</u>		
Total regular expenditure	<u>448 667</u>		
Surplus/deficit of regular income over regular expenditure	-30 721	6	
PROJECTS			
Events - funds received by FIG			
Congress/Working Week (Stockholm 2008)	58 119		
Regional Conference (Costa Rica 2007)	-1 181	7	
Commission 9 event in Helsinki	8 214		
Commission 9 event in Beijing	3 214		
	<u>68 366</u>		
Other projects			
Income - sale of publications	1 643		
FIG/ FAO Seminar in Verona	1 774		
Miscellaneous income	151		
Costs	13 184		
Net result	<u>-9 616</u>	8	
RESULT			
Overall surplus/deficit in the year	<u>28 029</u>	9	
General reserve at year end	<u>503 453</u>		
General reserve as a % of regular annual expenditure	112 %		

Notes

- 1 Office costs includes salaries, postage/mail, telecomms, copying, office supplies and equipment, and miscellaneous
- 2 Outsourced office costs includes auditing, accounting and IT costs
- 3 Marketing and publications includes printing, promotions, Annual Review
- 4 Council and executive management include costs of the Council and the Director, all travels funded by FIG and all meeting costs
- 5 Commission support includes commission annual grants and special projects only; other support costs are under administration
- 6 This figure is included as a crucial measure of the financial sustainability of FIG
- 7 The Costa Rica cost was an additional invoice presented in 2008
- 8 The project costs include work on improving the office management systems
- 9 It is not possible directly to compare specific costs for 2008, with previous years because of the change of financial reporting; template; changes over forward years (2009-2011) can however be seen in the proposed budgets for those years in Annex 21C

FIG BUDGET 2009 AND DRAFT BUDGETS 2009-11

	Final 2008 Result	Notes	Budget 2009	Notes	Budget 2010	Notes	Budget 2011	Notes
	€	1	€		€		€	
REGULAR INCOME								
Subscriptions								
Member associations	275 757		279 643	2	282 304	2	290 409	2
Affiliate members	15 385		17 040		20 000	3	24 000	3
Corporate members	108 794		112 880		112 880		112 880	
Academic members	17 463		17 845		17 845		18 260	
Less bad debts	12 875		10 000		10 000		10 000	
	404 524		417 408		423 029		435 549	
Financial income	13 422		13 000	4	15 000	4	15 000	4
Total income	417 946		430 408		438 029		450 549	
REGULAR EXPENDITURE								
Administration								
Office costs	173 396		181 100	5,7,8	200 000	5,6,7,8	206 300	5,6,7,8
Outsourced office costs	34 486		27 000	9,10	27 000	9,10	28 000	9,10
	207 882		208 100		227 000		234 300	
Marketing and publications	25 169		20 000	11	28 000	11	20 000	11
Council and executive management	184 127		203 600	5	207 000	5	210 000	5
Commission support								
Regular grants	25 000		25 000		25 000		25 000	
Specific grants	6 489		10 000		10 000		10 000	
	31 489		35 000		35 000		35 000	
Total regular expenditure	448 667		466 700		497 000		499 300	
Surplus/deficit of regular income over regular expenditure	-30 721		-36 292		-58 971		-48 751	
PROJECTS								
Events - funds received by FIG								
Congress/Working Week	58 119		25 000		100 000		40 000	
Regional conference	-1 181		5 000		-		10 000	
Commission events	11 428		8 000		8 000		8 000	
	68 366		38 000		108 000		58 000	

	Final 2008 Result	Notes	Budget 2009	Notes	Budget 2010	Notes	Budget 2011	Notes
Other projects								
Income	3 568		12 500	12	5 000	12	5 000	12
Costs	13 184		2 500	13	2 500	13	2 500	13
Net result	<u>-9 616</u>		<u>10 000</u>		<u>2 500</u>		<u>2 500</u>	
RESULT								
Overall surplus/deficit in the year	<u>28 029</u>		<u>11 708</u>		<u>51 529</u>		<u>11 749</u>	
Total reserves at year end	503 453		515 161		566 690		578 439	
Commission reserves	11 428							
Office development reserve								
Supporting poor member associations								
Supporting Task Forces								
Supporting work of Young Surveyors								
General reserve								
Total reserves as a % of regular annual expenditure			110 %		114 %		116 %	

Notes:

- 1 The 2008 amounts are based on the audited accounts, see comments in annex 20B
- 2 Membership fees are based on current members (and those confirmed to join 2009 and 2010). Fees are based on the decision of the General Assembly for member associations and on the Council decisions for other fees for 2009, and on the proposal to freeze 2010 fees.
- 3 Affiliate Member numbers are projected to rise, in particular through the work to encourage national survey and mapping organisations to join FIG
- 4 Financial income takes account of currently reduced interest rates.
- 5 Salaries include inflation uplifts
- 6 From 2010 FIG is committed to pay rent for the office. The amount is agreed to be 65,000 DKK per year.
- 7 Postage and mailing in 2009 and 2011 will be less because of less publications, in 2010 General Assembly and publications will increase the costs.
- 8 Miscellaneous includes subscriptions, insurance, bank costs, office supplies and sundries.
- 9 Auditing costs reduced for 2009 onwards on the basis of simplifying the accounting codes
- 10 IT costs from 2009 onwards reduced because of system replacement
- 11 Fewer publications will mean that printing in 2009 and 2011 will be less than in 2008 but will be increased in 2010 as there will be several end of term reports.
- 12 For 2009 - UN HABITAT work - assumed that there will be some small income-generating projects in future years
- 13 Small general provision. Larger amounts will be drawn from specific reserves.

Reporting Categories:

Office costs includes salaries, postage/mail, telecomms, copying, office supplies and equipment, and miscellaneous

Outsourced office costs includes auditing, accounting and IT costs

Marketing and publications includes printing, promotions, Annual Review

Council and executive management include costs of the Council and the Director, all travels funded by FIG and all FIG meeting costs

Commission support includes commission annual grants and special projects only; other general support costs are under administration

**Report to the 32nd General Assembly
FIG Working Week in Eilat, Israel 2009**

FIG Commission 1 – Professional Standards and Practice

Report of Activities 2008-2009

1. General

Commission 1 contributed to the FIG Working Week in Stockholm by having two own sessions: “Standards” and “The Profession”; and a joint session with Commission 2 for “Young Surveyors” and with Commissions 7 and 3 on “Digital Land Administration”.

Major activities in Commission 1 are related to Standards Network and to Young Surveyors Working Group that is a joint working group with Commission 2. At the General Assembly in Eilat this working group will get new terms of reference and will be reorganized to Young Surveyors Network in a similar way as the Standards Network emphasizing the cross commission nature of young surveyors’ activities.

In Stockholm we had an informal session with young surveyors and as Chair of Commission 1, I had a message to the young surveyors “*believe that you can Fly, your new Space is the FIG space and it is so wide that you can swept your wings as your ambitions can reach and fly*”. This message was not an advice but a wish since young surveyors are the future of the profession and also the future of FIG all around the world, and we should take care of them and assure them the chances to prove themselves as real capable professionals.

What Commission 1 plans to do is to launch the “*Arena of Young Competencies*” a platform where they can fly in the sky of FIG. AYC should be under FIG, because we have to remember that FIG is our umbrella, and this umbrella was matured by years and competencies of the elites of the profession and FIG can assure the safe and clear path towards a better future for the young elites.

In Stockholm we had a meeting for the Executive Board of the Arab Union of Surveyors to discuss the possibility of organizing the First Symposium of the Arab Union of Surveyors in Beirut at the end of June and as a member of the Executive Board of AUS and the Chair of Commission 1, I proposed to regional group all the topics from all FIG Commissions under one theme “*A Unique Map for the Arab World*” for the motto of the First Symposium. The symposium will include following technical sessions:

1. How to form the Professional Surveyor
2. Organizing the Profession of a Surveyor under Laws and Legislations
3. Normalization of the Map
4. The problematic related to the Toponymy
5. Regional Geodetic References
6. Cartography of Natural Phenomena
7. Land Management and Cadastre
8. The Infrastructures of Spatial Data

9. Cartographic Forms and Presentations
10. Amelioration of Laws and Legislations
11. Geographic Names and Cartography
12. GIS and the General Data Base for the Arab Specialists and Spatial Data for Investments

These will cover all Commissions' topics and especially Commission 1 since the need in the Arab World tends towards organizing and developing the profession. The young surveyors are also integrated into this symposium, since a private and professional session is organised about how to form a professional surveyor and building capacities which meets the FIG vision as well. This will be also a chance for the young surveyors from all around the world to meet their colleagues from the Arab Region and exchange ideas and perspectives.

In preparations for the seminar I have visited several Arab countries like Tunisia, Qatar, Syria and Bahrain to collect data about the profession and especially about professional organisations and young professionals. With the same purpose I have sent a formal letter from the Arab Union of Surveyors to some embassies in Beirut to encourage them to support young professional delegates from their countries to attend this event in Beirut and I hope to get the support from FIG in this respect.

With the support of the Order of Surveyors in Lebanon I have received a delegation from the ESGT-France in Beirut in order to create a national institute for surveying in Lebanon and to adopt international standards for the professional education and practice.

The work to collect information and data about surveyors from all around the world is still going on. There have been difficulties to find coordinators in some regions but I think through this year we will be able to manage that problem and find the right solutions. Hope that this will be the ready for the congress in Sydney in 2010.

Many official meetings have been held with Lebanese and Arab ministers to establish new standards always accordingly to FIG references. Pictures and reports will be added to Commission 1 e-newsletter.

This year will be a turning point in establishing new basis for the structures of Commission 1 especially with the young surveyors' team that I hope we will be able to enlarge it and give them new horizons.

The WG2.2 (e-learning) can become an alternative for our plan especially that the new generation of surveyors is having different learning standards and methods that can create a distance between young learners around the globe if we couldn't manage to follow a well defined level and apply the FIG standards. We have to create a joint venture network with Commission 2 to establish such rules. This will make short the distances and lead to a more harmonised international professional society.

2. Working Groups

WG 1.1 – Standards Network

Chair: Iain Greenway (United Kingdom)

Report of activities is attached to this commission report.

WG 1.2 – Young Surveyors (a Joint Working Group with Commission 2)

Chair: Miss Cecilia Lindén (Sweden)

Report of activities is attached to this commission report.

WG 1.3 – Surveyors Changing Role in Society

Chair: Ms. Leonie Newnham (Australia)

Vice-chair: Prof. John Parker (Australia)

Policy issues

To study surveyors as entrepreneurs – Surveyors changing role in Society. This would show in detail how Surveyors are taking new roles in a changing world over and above the typical thoughts/mindset around the role of Surveyors.

To produce papers or case studies on topics related to the topic of the Working Group

Papers exploring related themes

A series of papers will be produced to look at various aspects of the surveying professionals changing role to highlight their role as practitioners, academics and as contributors to the larger society.

Initial paper was delivered to FIG Working Week in 2007 on Surveyors - land professionals, adventurers, pioneers and now entrepreneurs? This sparked a lot of interest in the members of FIG who attended the sessions held on the celebration of the role of surveyors in their countries and the innovation and change that had been created by individuals. A paper presented to the FIG Working Week in 2008 titled, 'Innovation in organisations - how surveying professionals can change the world from within.' This paper developed the theme of the working group by reviewing how surveying professionals make a difference in larger organisations. It looked at the sorts of skills are needed to be a change agent or 'intrapreneur' and identified ways to find a path that will lead to successful innovation and change.

Many surveying professionals demonstrate innovative approaches to how they work. This second study reviews how surveying professionals work within large organisations and create and respond to ongoing changes in the work world. Feedback was received from a number of surveyors attending that these sorts of issues were ones that were of increasing importance to the profession and that attention was being paid to how to make organizations more innovative and responsive to rapidly changing environments on a number of fronts, societal, business and natural.

The paper for the 2009 conference Accelerating Responses to a Changing World - Developing Innovative Cultures in Land Management Organisations will review how organisations are adapting to changes and trying new approaches to manage in complex and often chaotic environments. It will use case studies on private and public organisations from research on innovation in organisations to provide ideas and examples that have been used successfully and identify ones that may be useful to land management organisations. This will continue to

build ideas and approaches that can be shared and used by professionals. This will include the exploration of Web2 tools to develop collaboration and sharing of knowledge.

Work with other Commissions

Work underway with **Commission 10** to develop the theme of surveying professionals as change agents highlighting the role of change in project management. Paper presented to Working Weeks 2007 and 2008 on this theme.

Further discussions will be held with **Commission 2** on how the changing role will be reflected in surveying education and professional development and on possibilities for joint work.

Workshop(s)

Presentations made at the 2007, 2008 and 2009 FIG Working Week as part of the Commission 1 programme.

Discussions underway with Victorian Surveying Professionals to develop a workshop or conference to be held in conjunction with the Congress at Sydney in 2010 dealing with surveyors changing role in society and innovation in the surveying industry.

Publication

A discussion paper for FIG Member Organisations to stimulate debate within organisations on the changing role of surveyors and what it means for their organization - for publication in 2010.

3. Cooperation with Other Commissions

Working Group 1.2 Young Surveyors is a joint Working Group with Commission 2.

4. Events

2009

- FIG Working Week 2009, Eilat, Israel, 3-8 May 2009
- The First International Symposium of the Arab Union of Surveyors, Beirut, Lebanon 29-30 June - 1 July 2009
- Trying with Chryssy Potsiou, Chair of Commission 3 to organise a common workshop in Beirut or Greece for building capacities and exchanging experiences and competencies between Greek and Lebanese Surveyors (this can be opened for all Mediterranean surveyors).
- 7th FIG Regional Conference, Hanoi, Vietnam, 19-22 October 2009.

Yaacoub Saade
Chair of FIG Commission 1

February 2009

FIG Standards Network Report to FIG General Assembly 2009

The Standards Network was formed in 2002. It works within Commission 1 and consists of representatives from each of FIG's Commissions.

Terms of reference

The terms of reference of the Network are set out in the FIG Guide on Standardisation and are as follows:

- Building and maintaining relations with the secretariats of standardisation bodies
- Proposing priorities on FIG's standardisation activities, including advising the Council on priorities for spending
- Setting up necessary Liaison relationships with standardisation bodies
- Ensuring that lead contacts to Technical Committees etc are in place
- Maintaining an information flow on standardisation to FIG members, including through the FIG website, and more directly to relevant Commission Officers
- Maintaining this Guide, and related material on the FIG website
- Working with other NGOs, within the framework of the MOUs signed by the Council
- Advising FIG's officers and members on standardisation activities as necessary

Work since the 2008 General Assembly

The Network met at the 2008 Working Week and members have corresponded by email since then. Key activities being undertaken by Network members and other colleagues include:

- **Maintaining a list of commission topics relevant to standardisation** – this has been published on the Standards Network page of the FIG website
- **Staying involved with ISO/TC 211 standardisation activity** – Christiaan Lemmen and Harry Uitermark attended the ISO/TC 211 meeting in Japan in December 2008
- **Progressing ISO 19152 on the Land Administration Domain Model (LADM)** – this work has grown out of the Commission 7 work on the Core Cadastral Domain Model and the work was accepted into the ISO/TC 211 work programme in 2008. The LADM ISO 19152 Project Team has held three meetings in 2008: in Copenhagen, Denmark in May 2008; in Delft, the Netherlands in September 2008; and in Tsukuba, Japan in December 2008. The meetings in Europe received a lot of inputs from the project team members from the continent. In Tsukuba the majority of the participants came from outside of Europe (in total 23 participants, 15 non Europeans). The editing team is from the Netherlands, Christiaan Lemmen (chair of the PT on behalf of FIG) Dr. Harry Uitermark (editor, on behalf of FIG) and Prof. Peter van Oosterom (Delft University). The work is making good progress, and is maintaining close contact with UN HABITAT concerning the Social Tenure Domain Model (STDM). Further details of the developing standard can be found in the Commission 7 report to the General Assembly.
- **Staying involved with ISO/TC 172 SC6 work on survey instrument standards** – Hans Heister leads this work for FIG and has been very active in the sub-committee. Key

current work includes revising ISO 17123-1 Theory – this will move from standard errors to the Uncertainty of Measurement, a change that will require editing of all of the other standards in the series

- **Determining how to be involved in the International Valuation Standards Council**, now that they have revised their governance. A number of discussions with Commission 9 officers have been held regarding this, and decisions are being taken forward in Commission 9.
- **Considering what material on instrument calibration and testing could usefully be made available to FIG members**, and also considering whether FIG Publication No 9 should be revised or withdrawn. Commission 5 is taking forward this work, largely within Working Group 5.1.

The Network plans to meet again in Eilat and consider its work for the coming year. I plan to stand down as Network chair and, subject to General Assembly assent, David Martin (Chair of Working Group 5.1) will take over as Chair.

Iain Greenway
Chair of Standards Task Force

20 February 2009

FIG Young Surveyors Working Group (WG 1.2) Report to FIG General Assembly 2009



The main event during 2008 was the FIG Working Week in Stockholm. The conference had approximately 100 registered attending students and a large number of student volunteers helping out during the Working Week. The volunteers did a truly great job and deserve to be mentioned for this!

During the Working Week we concentrated on two main activities. The first was a meeting place in the exhibition area, which was manned by the YS committee. There we were able to actively promote our group, field questions and generally meet the Working Week participants. We had a colourful, and stand out decoration that attracted a large number of interested people. We got thanks to this a large number of new subscribers to our newsletter.

The second activity was “*Speed Mentoring*”, during lunchtime in the hallway next to the exhibition. In total three sessions were held with excellent attendance (~30 participants) per day. All participants noted the event as valuable, and excellent feedback was obtained for use at upcoming FIG events as integration between generations.

The first session was a technical session with papers presented from, Sweden, Germany, Australia and Hungary. This session was so popular that people who wanted to attend were rejected at the door after the room had been filled up with standing people. Even the FIG President Stig Enemark was rejected at the door.

The next session was an informal session with invited guest speakers and a bigger room was arranged. We had the following guest speakers:

- Mentor and mentee from the Swedish mentor program to expand on their experiences and the benefits of the programme
- Peter Normann Hansen, FIG Ambassador for Corporate Members and CEO of Blom International in Denmark to discuss the importance of networking
- The third speaker was Christian Tufvesson from the YS Team who shared his experiences on how he had benefited from networking. He went for six months to Australia to work through contacts that he had gained at the FIG Congress in Munich.

Newsletter and publications

The third issue of the YS Newsletter was released at the beginning of the Stockholm 2008 Working Week – again with positive and supportive feedback! Further 24 people have joined our Yahoo group for newsletter distribution, in addition to our university and FIG contacts. Additionally, this latest issue included a number of articles from young surveyors not previously affiliated with the FIG.

A fourth issue was released during the autumn to discuss some of the experiences that we had gained during the Working Week in Stockholm.

2008 have been a very positive year for the FIG Young Surveyors Working Group and we look forward to the continuation!

Cecilia Lindén
Chair of Young Surveyors Working Group

February 2009

**Report to the 32nd General Assembly
FIG Working Week in Eilat, Israel 2009**

FIG Commission 2 – Professional Education

Report of Activities 2008-2009

1. General

The Commission 2 Work Plan 2007-2010 building on the experiences of the previous period tries to fulfil and implement the FIG Council Work Plan. Commission 2 in general aims:

- To perform needs analysis of Commission representatives and FIG Academic members
- To develop further the FIG Surveying Education Database and facilities using educational and internet standards
- To organize annual workshops on actual topics related to education and training
- To investigate the use of information and communication technology to support networked professional education
- To organise, jointly with other Commissions, Regional Summer Schools for solving problems, filling educational gaps and for building communities within young professionals.

To support the development of the publication, the Commission will also conduct:

- Workshops
- Summer Schools
- Joint Projects.

2. Activities

Working Week 2008: Integrating generations

14-19 June 2008 Stockholm, Sweden

e-Learning: Sharing Good Practices

11-13 June 2008 Enschede, The Netherlands

Summer School on Urban 3D modelling

23-29 August 2008 Szekesfehervar, Hungary

Preparation of the Conference on

Navigating the Future of Surveying Education

26-28 February, Vienna, Austria

Preparation of the Working Week 2009

Surveyors Key Role in Accelerated Development

3-8 May, 2009 Eilat, Israel

3. Working Groups

Working Group 2.1 – Curriculum development

Policy issues

- To support the mobility among professionals, teaching staff and students using credit transfer.
- To support the implementation of „Bologna” changes (BSc / MSc / PhD / Professional masters) and recognition.
- To facilitate the harmonization of curricula.
- To define a “core knowledge base”.
- To guarantee life-long learning with educational and training services.
- To serve the needs in the new professional challenges.
- To exchange ideas on Quality Management and Accreditation.

Chair : Prof Bela Markus (Szekesfehervar, Hungary), email: mb@geo.info.hu

Activities

Working Week 2008: Integrating generations
14-19 June 2008 Stockholm, Sweden

The Working Week addressed many of the issues facing both professional surveyors and educators in the next years. These include questions related to the need of getting young people interested in surveying and geomatics, what is the role of modern technology in professional education and training, how to keep the professional qualifications up to date, need for capacity building – all issues of great interest for FIG and the organisers.

As Swedish surveyors are very successful in the fields of real estate management and valuation we were happy to see at the technical sessions their experiences in different joint educational projects, their showcase how Swedish educators have a strong interest in assisting surveyors and land related professions in developing countries.

During the Working Week three technical sessions were organized by Commission 2. After the review of the abstracts, 21 presentations were accepted and 17 papers presented. The main topics were: Curriculum Development, Educational Case Studies and Educational Projects. Commission 2 co-operated with other Commissions in two additional Technical Sessions: TS 2F - Young Surveyors and TS 3G – Capacity Building. More: <http://www.fig.net/fig2008/>

Summer School on Urban 3D modelling
23-29 August 2008 Szekesfehervar, Hungary

The Summer School aimed to give an overview of data acquisition, data processing and modelling methods related to 3D modeling in urban environments. 40 students attended from abroad and 10 from Hungary. For 27 August 2008, a one-day conference has been arranged in order to give a top quality overview on new methodologies in data collection and modelling.

The venue was the UWH GEO's Knowledge Center on Land and Geoinformation. Lectures delivered by leading representatives of the 3D arena including Eurosense, LEICA, Varinex,

Laservision/Riegl, YonaPMS, András Osskó, the chair of FIG Commission 7 as well as Prof. Franz Leberl, chief scientist of Microsoft' Virtual Earth program.

The event was free to the public thanks to the prominent donor organisations. Major sponsor of the conference was Microsoft. More information and the recorded presentations are available at the website: <http://www.geo.info.hu/urban3d/>

Working Group 2.2 – e-Learning

Policy issues

- To explore the movement from traditional face-to-face teaching towards an integrated learning environment, the changing role of the academic staff.
- To discuss the technical, political, legal, organisational and cultural problems of e-Learning.
- To exchange experiences on content development methods (Multimedia, CBT, Quizzes etc) and student support (Virtual Club / Library, Communication techniques, Teamwork tools).
- To identify the Educational Portal functions
- To disseminate Educational Metadata

Chair: Liza Groenendijk, ITC (Enschede, Netherlands), email: groenendijk@itc.nl

Activities

e-Learning: Sharing Good Practices

11-13 June 2008 Enschede, The Netherlands

From the 11th to 13th of June 2008 a group of international professionals engaged in e-learning and distance education came together in ITC for the International Workshop Sharing Good Practices: e-learning in surveying, geo-information sciences and land administration. The organisation of the workshop was a combined effort of Commission 2 and Commission 7, and the International Institute for Geo-information Science and Earth Observation (ITC) in the Netherlands. The Netherlands Cadastre, Land Registry and Mapping Agency sponsored the event.

The program consisted of keynote speakers, technical sessions, hands-on sessions, demonstrations and guided discussions. The organisation received 30 accepted contributions and 70 participants, from 27 different countries, participated actively in the various workshop sessions.

Opening

The workshop was opened by Prof. Martien Molenaar, Rector of ITC and FIG President Prof. Stig Enemark delivered his opening address through video conferencing from Denmark.

Key notes

As first keynote speaker was welcomed Dr. Nicholas Frunzi, Director of Educational Services, ESRI, USA. Dr. Frunzi gave an overview of ESRI's developments in educational services starting with instructor-led classroom training in 1988 to the ESRI Virtual Classroom today and the Blended Learning with ESRI Press in the future.

Prof. Bela Markus of the University of West Hungary, Chair of FIG Commission 2, was the second keynote speaker. After introducing the concept of e-learning, he discussed the status, the trends and the importance of business models in e-learning. He stressed the importance a business model of re-using and sharing resources to build sustainable courses within networking partnerships.

The keynote addressed by András Osskó, Chief Advisor, Budapest Land Office and Chair FIG Commission 7, focussed on the importance of changes in the education of land surveyors. Interest in traditional land surveying is decreasing, while interest in land administration, on the other hand, is increasing. Osskó made a plea for lifelong learning which is necessary not only for individuals but also for institutions to keep the knowledge of their staff up-to-date.

Technical Sessions

Based on the content of the accepted contributions the following technical sessions were offered:

- Good practices in e-learning and distance education
- Engaging in e-learning
- Continuous Professional Development
- International Cooperation and/in e-learning

During the workshop dinner the Best Paper Award was handed over to Dr. Henny Mills of Newcastle University, for her paper entitled: A Virtual Surveying Field Course for Traversing, written together with David Barber. The paper describes an innovative e-learning tool developed for a Geomatics degree course. It was considered an excellent example of how a virtual fieldwork tool can support student understanding and prepare for real fieldwork.

Hands on sessions

One afternoon of the workshop was reserved for the Hands-on sessions. Participants could choose from the following 4 different sessions:

1. Captivate® for Animations and Simulations
2. Creating a Wiki
3. Quick and easy lecture video recording
4. Communicate. Collaborate. Educate with Elluminate®

The workshop on Captivate attracted the highest number of participants. The workshops were followed by a demonstration of the e-learning activities of The Netherlands Cadastre, Land Registry and Mapping Agency.

Discussion Sessions

At the end of each day participants came together in so-called home groups. These home groups were formed to create an informal platform for discussion and exchange of experiences and to formulate points for discussion. Each home group was guided by a moderator.

Conclusions

The conclusions of the four home groups were presented during the Closing Session and summarised by Chris Paresi, Head of the Department of Urban and Regional Planning and Geo-information Management at ITC. The outcome of the discussion can be summarised as follows:

1. *The importance of partnerships*

Working together, sharing of experiences and resources, is considered of great importance for the success and further development of e-learning in the field of surveying, geo-information science and land administration.

The term Thematic Network and the e-learning concept, Community of Practice, were also proposed in this context.

More in particular were mentioned:

- Explore cooperation between professional organisations FIG, ISPRS and ICA
- Recognition of e-learning material and courses
- The importance of quality assurance
- The need for a credit exchange system
- The role of open source
- Sharing of Contents
- Stronger partnership between Academia and Professionals
- The need for an e-learning infrastructure
- Promote a business model of re-using and sharing e-learning courses and courseware

2. *E-learning as a tool for Continuous Professional Development*

E-learning is considered an excellent tool for continuous professional development and life long learning, especially in the rapidly changing working field of the land professional.

More in particular were discussed:

- Nano-units of (e-)learning: small focussed training units, for particular learning needs
- “Immediate” implementation of learned skills by professionals
- The changing meaning of learning and how to achieve this
- The strong link between e-learning and knowledge management
- Online communication and collaboration tools for exchange of experiences and mutual learning
- Blended approaches preferred

3. *E-learning to engage young surveyors*

An issue of concern within FIG is the decreasing interest of university students in the land surveying profession. Universities and professional training institutions need to review their education according to new requirements and students interests. E-learning may contribute to motivate students to join the profession.

Points mentioned by the groups:

- Online communication and collaboration tools for interaction, group work, peer exchange, supervision
- Students used to digital learning and communication
- Global interest of students
- Online mentoring and support through Communities of Practice
- Prepare students for Life Long Learning
- An opportunity for students from developing countries

4. *Define the field of e-learning within FIG*

The workshop made clear that a lot of knowledge has been accumulated in recent years in the field of e-learning and surveying, geo-information sciences and land administration. Many lessons have been learned and it is the right time now to analyse these lessons and publish the findings.

More in particular it was suggested:

- Prepare a FIG Publication on the topic of e-Learning
- Bring the all experts together in a wiki environment and write a reference book on e-learning!

5. *Some problems and final remark*

Many success stories in e-learning were presented during the workshop. But of course there were also many critical issues to discuss.

Some of the identified shortcomings of e-learning:

- Language a bottleneck
- Cultural differences in learning style and content
- E-learning is a tool and learning is the objective
- For practical teaching e-learning is considered of limited use
- E-learning not really rewarded by training institutions and universities. Developing e-learning courses and material is demanding in time and expertise.

Proceedings

Proceedings with the full papers are available on CD ROM. A paper publication of the Proceedings produced in the second half of 2008 including the outcome of the discussion sessions. All presentations can be found on the workshop website: http://www.itc.nl/fig_elearning2008.

Working Group 2.3 – Educational Management and Marketing

Policy issues

- To observe and register the new challenges of our profession respond to them.
- To survey the needs for academic members and provide required services.
- To analyse the market and respond by LLL services.
- To promote the need on CPD (Continuous Professional Development).
- To disseminate experiences in recruitment and marketing.
- To distribute know-how in Project and Quality Management.
- To encourage young surveyors (students) on their career.
- To serve ALUMNI and use its power.
- To build twinning and thematic networks.

Chair: Gert Steinkellner, BEV (Vienna, Austria), e-mail: gert.steinkellner@bev.gv.at

Activities

Preparation of the Conference on

Navigating the Future of Surveying Education

26-28 February, Vienna, Austria

Working Group 2.3 of FIG Commission 2 on Educational Management and Marketing and the Austrian Society for Surveying and Geoinformation (OVG) is organising a Conference under the motto "Navigating the Future of Surveying Education". The venues are the lecture halls of the Federal Office of Metrology and Surveying (BEV) in the centre of the City of Vienna, Austria.

Approximately 30 speakers will share their experiences in professional education on the following topics:

- Marketing of Professional Education
- Availability of Continuous Professional Development
- Educational Networks – Globalisation of Surveying Education
- Quality Assurance in Surveying Education & Training
- New Methods for Knowledge Transfer
- Scope of Competences in Professional Education

During the conference additionally two short-term workshops will be outlined on the topics

- "Students Where Are You", and
- "Student Today – Status & Vision"

In the first mentioned workshop the reasons for the decreasing number of students will be analysed and proper strategies for the recruitment of students and the marketing of professional surveying education will be elaborated. The second one – performed by students – examines the situation of students in our professional fields and tries to outline visions for an optimised professional education. Both topics of the workshops have a high relevance in most of our countries.

Keynote speeches will be given by the Austrian Representative of the Bologna Follow Up Group, Gottfried BACHER, by the President of FIG, Prof. Stig ENEMARK, by the chair elect of FIG Commission 2, Steve FRANK, by the ESRI Director of Education, Michael GOULD, and by the Rector of the University of Technology in Graz/Austria, Prof. Hans SUENKEL.

Heads of Organizing Committee are Mr. Gert Steinkellner & Dr. Reinfried Mansberger. More details about the conference (costs, accommodation, registration procedure, programme, etc.) are available at the conference homepage: <http://fig09.ovg.at/>.

Working Group 2.4 – Real Estate Valuation and Management Education (Joint WG with Commission 9)

Policy Issues

- Surveyors are traditionally well educated to basics of real estate legislation and markets. In the present world requirements for knowledge in real estate are expanding fast. It is not anymore possible to educate surveyors to all traditional tasks in unified programs but the programs have to have real options where students can really specialise in real estate economics. This is needed in the market (thousands of new jobs) and examples of some countries show that this kind of education is possible and also very attractive for students and markets.

Chair: Prof. Arvo Vitikainen (Helsinki, Finland), e-mail : arvo.vitikainen@tkk.fi

Co-Chair Prof. Kauko Viitanen (Helsinki, Finland), e-mail : kauko.viitanen@tkk.fi

Activities

It was our intention (at Helsinki University of Technology) at the autumn candidate seminar of the study program of the real estate economics to collect basic material for the final report of WG 2.4 Real Estate Valuation and Management Education. We meant to prepare a

preliminary report for the Eilat Working Week based on these papers. Unfortunately the autumn seminar had very few participants and the topic was experienced rather difficult, so the plan did not realise. We will try to prepare for the topic more carefully and make the students of the spring seminar enthused about the topic. We would then have a good final report for the Sydney congress. Further, we did not have resources to plan and realise a seminar or workshop on the WG 2.4 subject field for the coming spring. The reason for this was simply lack of time (along with my normal responsibilities I did the preparation work and obtained financing for an extensive research programme on the effects of land consolidation). Kauko Viitanen, for one, has been tightly occupied with the preparation of the university organisation reform.

4. Communication

Newsletters: A special edition of Commission's Newsletter supported FIG WW in Stockholm.

Commission 2 website: In June 2007 the new website (www.geo.info.hu/fig2) was introduced

5. Calendar of Commission 2 Events

- Workshop on Curriculum Development
Scientia Est Potentia - Knowledge is power. FIG Commission 2 Symposium,
7-9 June 2007, Czech Technical University, Prague, Czech Republic
Web site: <http://geoinformatics.fsv.cvut.cz/>
- Workshop on e-Learning
11-13 June 2008, Enschede, Netherlands
Web site: http://www.itc.nl/fig_elearning2008/
- Workshop on Educational management and marketing
26-28 February 2009, Vienna, Austria
Web site: <http://fig09.ovg.at/>

Prof. Bela Markus
Chair of FIG Commission 2

January 2009

**Report to the 32nd General Assembly
FIG Working Week in Eilat, Israel 2009**

FIG Commission 3 – Spatial Information Management

Report of Activities 2008-2009

1. General

The main general activity of Commission 3 since the Working Week 2008 in Stockholm was the **Commission 3 2009 Annual Meeting and Workshop on “*Spatial Information for Management of Sustainable Urban Areas*”**, which took place in Mainz, Germany, from 2nd to 4th February 2009. The Workshop was organized and sponsored by the German Association of Surveyors (DVW) and the Institute for Spatial Information and Surveying Technology of the Mainz University of Applied Sciences, and was under the aegis of EARSel, UNECE WPLA, Lantmäteriet, and the Appraisal Institute, USA.

The meeting in Mainz was third in series that started in 2007 with a Workshop in Sounio, which addressed the urgent social and accompanying technical and legal aspects related to the emerging informal settlements as a result of rapid urban growth; and in 2008 in Valencia, where the important subject of environmental protection was added on Commission 3 agenda and it was agreed that regulations on private rights in the use of land in terms of air, soil, and water pollution must be accepted and applied by all market participants through participatory democratic procedures.

The 2009 Workshop in Mainz, with a global economy facing its worst recession in decades, focussed on new aspects related to a restricted credit-financed economic activity, increased unemployment and a shortage of affordable housing are introduced into urban management. As conclusion, today more reliable spatial information related to social/legal, environmental and economic aspects exists, and advanced tools are provided for urban information capturing and integration (various types of sensors, geoportals, etc) that allow us to deal with the emerging problems more efficiently. That is an optimistic conclusion derived from several presentations in the Workshop. It was identified, though, that many of the surveying and building regulations in countries are too rigid, expensive and outdated. This leads to the suppression of innovation in approaches, products and services, and it hinders the activity of the private sector. It also adds a considerable and often unnecessary financial overhead to the administration and raises the question of how appropriate the government institutional arrangements are in this modern age, especially since such arrangements were designed 60 years ago and have not fundamentally changed. Several papers identified the enormous scale and expansion of slums and/or informal developments in urban areas.

The technical program included the opening session, 9 technical sessions, and the closing session; in total 55 papers were presented. In total 73 participants had registered to the workshop coming from 24 countries. A full report from the workshop is available on Commission 3 web site: www.fig.net/news/news_2009/mainz_february_2009.htm

2. Working Groups

Working Group 3.1 – eGovernment for eCitizens

Chair: Kari Strande (Norway)

Co-Chair: Peter Laarakker (the Netherlands)

Active WG members: (Rob Mahoney (UK), Robin A. McLaren (UK), Daniel Roberge, (Canada), Uzo Okafur (also vice chair of WG3.3), Jes Ryttersgaard (Denmark), Jens Hollænder (Denmark), Tarja Myllymäki (Finland), Jan Bares (Czech Republic), Bela Markus (Hungary), Bo Lauri (Sweden), Gerhard Muggenhuber (Austria), and Khaled Nabbout (Lebanon).

WG3.1. members have encouraged speakers to participate and present papers to FIG and other GI meetings. Examples of e-Government projects and programs can be found on the websites of FIG Workshops and Working Weeks e.g., Commission 3 Workshop Istanbul 2002, Working Week Paris 2003, Regional Conference Morocco 2003, Working Week Athens 2004, Workshop on GeoPortal solutions Warsaw 2004, Workshop on e-Land administration Vienna 2004, Regional Conference Jakarta 2004, Workshop on eGovernment Cairo 2005, 2006 Budapest (Booklet report by Bela Markus), Congress Munich 2006, Comm. 3 Workshop Athens 2007, Working Week Hong Kong 2007, Regional Conference Costa Rica 2007, Comm. 3 Workshop Valencia 2008, and Working Week Stockholm 2008.

A list of useful papers and publications on the topic will be provided soon. An attempt is made to provide links to eGovernment web sites where SIM is an important part. (e.g., Links to global/regional assessment sites, UN, WB, EU, Links to some national sites).

The production of a WG3.1. CD including all the above mentioned work is in process.

Lessons learned...

The importance of political support and commitment

- to insure inclusion and interaction
- to secure data sharing and distribution
- to facilitate equal opportunities
- to invite for participation

Working Group 3.2 – Spatial Data Infrastructure (SDI)

Chair: Paul Kelly (Australia)

Co- chair: Hartmut Mueller (Germany)

This year for the first time in history, over half of the world's population now live in urban areas. This equates to 1.6 billion people. It is estimated that 500 million people will be urbanised in the next five years and projections indicate that the percentage of the world's population that is urbanised will be 60% by 2030. Urbanisation is a major change that is taking place globally. There are 19 Megacities (over 10 million population) now, expected to be 27 by 2020. Thirty percent of urban populations live in slums; providing affordable housing is a major challenge in all cities.

A specific work item that has been selected is the use of SDI in *managing mega cities*. A working group has been set up to identify relevant spatial tools that will support development and use of SDI by city authorities.

Based on cooperation with other working groups this WG will:

- Support discussion on the role of local and regional SDI in managing mega cities
- Identify institutional, policy and legal frameworks that can be incorporated in SDI to address mega city issues
- Identify specific technical innovations in SIM that can improve management of mega cities

The working group has adopted a pragmatic approach, based on working with administrations in mega cities to identify key problems they face both now and in the future; use an international network of experienced spatial information practitioners to identify potential solutions; and then develop materials that provide a practical guide to international best practice in the use of SDI to better manage our cities. Commission 3 plans to provide a major report on its findings at the FIG Congress in Sydney in 2010.

The methodology adopted by the working group has three stages:

1. Review SDI developments in existing mega cities, identify current problems and issues and use of SDI (by August 2008).
2. Document case studies, including lessons learned about solutions to problems (by April 2009).
3. Develop a toolkit for use of best practices in SDI in managing mega cities, including frameworks for policy, institutions, legal and technical (by April 2010).

The working group has developed a questionnaire on the needs and use of SDI by mega cities. The questionnaire and covering letter signed by the President of FIG are currently being sent to a shortlist of mega cities, including Delhi, Istanbul, London, Mexico City, Hong Kong and Seoul. The working group will firstly make use of voluntary time of its members and seek to involve administrators in selected mega cities. However, the work plan can be accelerated and encompass more cities with a modest injection of funds from interested bodies. A submission has been prepared to the World Bank. The working group can provide specific proposals to bodies expressing interest in aspects of the work plan.

WG 3.2. chair Mr Paul Kelly was supported by FIG Commission 3 to participate to 9th Congress of Metropolis on “*Trends in Megacities – Metropolis*” Congress 2008, in Sydney, Australia, 22-25 October 2008. The report can be found on: http://www.fig.net/news/news_2008/sydney_oct_2008.htm. You may read more about the Metropolis Congress on: <http://www.metropoliscongress2008.com/>

A very successful additional FIG WG 3.2 activity took place immediately after the Workshop. On 13th and 14th February 2009 a follow-up meeting took place at the Mainz FIG Commission 3 Workshop’s location. The Local Organising Committee and the co-chair of FIG WG 3.2 Prof Dr Ing Hartmut Mueller provided for a two-day summary of the Workshop to the Nigerian delegation. The follow-up meeting was attended by the Honourable Speaker of the Nigerian Katsina State House of Assembly Mr Yau Umar Gojo-gojo, along with twelve of his Housing and Urban Development Committee members. In the context of summarizing several presentations given by some Workshop speakers, the similarities and discrepancies between the African and European Land Administration and Spatial Planning Systems were thoroughly discussed. In that way, an excellent opportunity was taken to transfer the

Workshop's results to a delegation of high-level political representatives of an African developing country. Workshop's web site: <http://www.i3mainz.fh-mainz.de/FIG-Workshop/>

Working Group 3.3 – Multi Dimensional Aspects in Spatial Information Management

Chair: M. Roic (Croatia)

The Working Group 3.3 (WG) was formed in 2006. The goals of the Working Group are:

1. Expansion and development of existing data models;
2. Increase the involvement of surveyors in development of data models; and
3. Disseminate accumulated knowledge and experience.

The WG was structured to include members with technical expertise as well as participants who are familiar with the development of SDI. In pursuit of these goals, the WG has met first time in Athens in early 2007. This meeting has provided an opportunity for the WG not only to analyse issues directly related to mentioned goals, but also to identify a number issues for cooperation with WG2. The members of the WG also participated in Stockholm in 2008 and presented papers covering technical and multidimensional aspects of SDI in order to assure broader dissemination of the WG's work.

3. Cooperation

3.1 Cooperation with other commissions

Some cooperation is established with Commission 2 for the Workshop in Valencia. More cooperation is under discussion with Commission 9 and with Eurogeographics in future.

3.2 Cooperation with UN agencies

- Commission 3 is closely cooperating with UNECE Working Party on Land Administration especially on the issue of handling Informal Settlements and managing unplanned urban development in the region of Europe:
<http://www.unece.org/hlm/documents/2008/informal.notice.1.pdf>
- Commission 3 has cooperated with UN-HABITAT by organizing an Experts Group Meeting to discuss informal development in Albania and Greece:
http://www.fig.net/news/news_2008/athens_november_2008.htm
<http://www.gltn.net/en/newspage/tools-for-legal-integration-and-provision-of-environmental-improvements-in-informal-settlements.html>

4. Events

2008

- Commission 3 Annual Meeting and Workshop "Spatial Information Management – Toward Environmental Management of Mega Cities", Valencia, Spain, 18-21 February 2008
- UNECE WPLA Workshop in Bergen, Norway, April 2008
- FIG Working Week 2008, Stockholm Sweden, 14-19 June 2008.

- VSMM 2008, 14th International Conference on Virtual Systems and Multimedia, dedicated on “Digital Heritage: our HI-tech STORY for future”, 20-26 October 2008, Cyprus
- FIG/UN-HABITAT Expert Group Meeting in Athens, Greece, 27-28 November 2008

2009

- FIG Commission 3 Workshop on “Spatial Information for Management of Sustainable Urban Areas”, Mainz, Germany, 2-4 February 2009
- FIG WG 3.2 follow-up meeting, Mainz, Germany, 13-14 February 2009
- FIG/World Bank Conference on “*Land Governance in Support of the MDGs*”, 9-10 March 2009
- FIG Working Week, Eilat, 3-8 May 2009
- Expert group meeting in Paris, November 2009, on “SIM for Megacities and Metropolitan Areas Management”

5. Communication and Publications

- The proceedings of the 2007 and 2008 Workshops are in publishing process.
- “Technika Chronika”, the peer-reviewed journal of the Technical Chamber of Greece will publish, in its second version of 200, the peer reviewed papers of Sounio 2007 workshop.
- SaLIS journal has published a special issue, June 2008, vol 68, No 2, with some of the peer-reviewed papers of the Valencia 2008 Workshop. The rest peer reviewed papers of that workshop are also been published in following SaLIS issues
- Commission 3 delegates are working on a publication on “SIM for Megacities and Metropolitan Areas Management”

Dr. Chryssy Potsiou
Chair of FIG Commission 3

February 2009

**Report to the 32nd General Assembly
FIG Working Week in Eilat, Israel 2009**

FIG Commission 4 – Hydrography

Report of Activities 2008-2009

1. General

Commission 4 members participated at two events this year: FIG Working Week 2008 in Sweden and Canadian Hydrographic Conference and National Surveyors Conference 2008 in Canada. A Commission 4 workshop on Administering Marine Spaces was held at the latter.

Vice Chair, Dr. Michael Sutherland (Working Group 4.3- Administering Marine Spaces) was nominated chair-elect and approved by the General Assembly at Stockholm.

Publication 43- Costa Rica Declaration on Pro-Poor Coastal Zone Management of which Commission 4 was a contributor was published and presented at this year's Working Week in Stockholm.

Vice Chair of Administration and Communications, Mr. David Neale was appointed to the FIG/IHO/ICA International Advisory Board on the Standards of Competence for Hydrographic Surveyors and Nautical Cartographers.

2. Events

Working Week, Stockholm

The annual Commission 4 meeting was held and three technical sessions were hosted by Commission 4:

- Coastal Zone Management (Joint with Commissions 7 and 8)
- Hydrographic Information Management
- Hydrographic Surveying in Practice

Of interest to Commission 4 was a technical tour hosted by the Swedish Maritime Administration of their new vessel traffic service (VTS).

CHC/NSC 2008, Victoria

The theme of this conference was "*Bringing Land and Sea Together*". Sponsored by FIG, Commission 4 hosted Workshop on Administering Marine Spaces. The goals of the workshop were to inform conference participants of international efforts with regard to administering marine spaces and the role of FIG as a source for knowledge and good practice; to solicit feedback from conference participants; and to foster links between the ACLS and FIG in

respect to their ongoing efforts to promote an administrative framework (including the Marine Cadastre) for Canada.

An overview of FIG was provided and Dr. Michael Sutherland (Chair of Working Group 4.3) then chaired the session which focused on providing an understanding of the challenges and issues such as the impact of climate change and development on coastal communities; the role of the surveyor and other land management professionals in respect of the Administration of Marine Spaces. Feedback was received from participants on the role of the surveyor in leading the development, implementation and maintenance of a Marine Cadastre.

Commission 4 Newsletter

In exchange for our regular contributions to Hydro International, the publisher continued to provide a free subscription to all Commission 4 delegates.

Andrew Leyzack
Chair of FIG Commission 4

January 2009

**Report to the 32nd General Assembly
FIG Working Week in Eilat, Israel 2009**

FIG Commission 5 – Positioning and Measurement

Annual Report of Activities 2008-2009

1. General

Commission 5 – Position and Measurement has had another solid year. Our primary focus for 2008 has been to build on the foundations set in 2007 and to facilitate the needs of grass root surveyors and our members. As a result we have seen the continued interest and popularity in the development of GNSS positioning applications, associated infrastructure; standards for such measuring devices; and new positioning technologies. Furthermore it is becoming more evident that these GNSS and positioning technologies are become more prevalent and integral components of fundamental infrastructure to support existing and emerging land and spatial information systems.

At FIG related symposia in 2008, various technical sessions and discussion forums have been held on these topics and have attracted large audiences and quality participation. From the analysis of delegate's comments and feedback, it appears in 2009 Commission 5 will need to convene similar forums but with also an emphasis and involvement of 'mass market' positioning technology such as mobile phone communications and indoor positioning systems.

2. Working Groups

WG 5.1 – Standards, Quality Assurance and Calibration

Chaired by David Martin

- One session concerning Calibration of Instruments and two sessions with WG 5.4 were organised at the Stockholm working week. Two of the sessions came under the banner of "*Standards, Quality Assurance and Calibration*" and concerned GNSS Antenna Calibration and GNSS Standards. The latter session was distinguished by its lively debate over the important subject of standards in surveying and in GNSS in particular. It can be noted that one of the papers issued from this session "*Review of Standards, Best Practice, Testing and Calibration in Global Navigation Satellite System*" was reprinted as FIG Article of the Month for September 2008. Standards also resurfaced in the sessions dedicated to New Positioning Techniques Forum.
- Work is progressing on the organisation of a repository of standards information related to GNSS.

WG 5.2 – Reference Frame in Practice

Chaired by Mikael Lilje

- The working group was heavily involved in several sessions at FIG Working Week in Stockholm. Sessions as “*Development in GNSS Measurement Technologies and Techniques*”, “*Geodetic Networks, Reference Frames and Systems I and II*”, “*GNSS Reference Stations*”, “*Reliability of Positioning and Measurement Technologies*”, “*Deformation Monitoring – Techniques and Case Studies*”, “*Processing of Geodetic Data*” and “*Geoid*” were successfully organised. All sessions had quality papers, good attendance and interesting discussions. The working group was also involved in the Poster session on “*Real Time GNSS CORS*”. Note: most of the presentations on real time networks can be found under the title “*Permanent GNSS Networks*”, at website location - <http://www.fig.net/commission5/wg52/reframe.htm> .
- The working group has also continued to updated its webpage and the location is <http://www.fig.net/commission5/wg52/>
- By 2010, the working group hopes to add and update the ‘fact sheet’ archive and will base the additions or changes on the forums and technical papers from 2008/09.

WG 5.3 – Integrated Positioning, Navigation and mapping Systems

Co-chaired by Andrew Hunter and Naser El-Sheimy

- Working Group 5.3 was preparing the 6th International Symposium on Mobile Mapping Technology, which will be held in July 2009 at the São Paulo State University, Brazil.

WG 5.4 – Global Navigation Satellite Systems

Chaired by Volker Schwieger

- Working Group 5.4 was very active at the Working Week in Stockholm. The sessions about Real Time GNSS CORS networks were successful and were facilitated in partnership with Working Group 5.2 “*Geodetic Reference Frames in Practice*”. A poster session and a discussion forum regarding this topic were successfully launched. The feedback from the participants on the content and format was very positive.
- Two joint sessions with Working Group 5.1 “*Standards, Quality Assurance and Calibration*” on the topic of “*GNSS Calibration and Check*”, were also convened in Stockholm.
- In Stockholm there were several GNSS sessions relating to new GNSS positioning methods and another dedicated to “*New Positioning Techniques Forum*”. Both forums prove to be highly sought after by the FIG community, as the attendance was high and the discussion extremely fruitful. GNSS positioning using mobile phones, other inertial positioning systems, and the provision of digital 3D-indoor maps were major issues of the discussion.
- The work for a “*Report on possibilities of cost-effective GNSS techniques for developing countries*” is ongoing. It is scheduled to be published in a FIG Report for the FIG Congress in Sydney 2010.
- Working Group 5.4 supports German Aerospace Centre (DLR) to acquire kinematic GPS tracks that will be used to evaluate the TanDEM-X digital elevation model. Due to the required global coverage of the GNSS tracks, different tracks shall be acquired on different continents. During the last months a large number of e-mails reached the organisers at DLR, and this has been due to FIG disseminating such a request to their

delegates and the scientific community. 20 scientists and companies from all over the world are now registered. Most of them will join the TanDEM-X calibration and validation group. In the meantime first tracks have been acquired e.g. in Europe and China as well as partly already successfully evaluated. The work is on going and will be presented at the following FIG events.

3. Cooperation

3.1 Cooperation with Other Commissions

In 2008, Commission 5 continued to work with Commission 4 and 6 on topics relating to deformation measurement, calibration of instruments, long range measurement, satellite and terrestrial imagery measuring techniques, and vertical datum / reference frame issues for hydrography.

3.2 Cooperation with Sister Organisations

The Commission 5 Steering Committee consolidated our relationship with various organisations such as the US National Geodetic Survey-NOAA, IAG and ION in 2008.

In Stockholm IAG President Prof. Chris Rizos, IAG Commission 4 Chair Dr Sandra Verhagen, and representatives from National Geodetic Survey - Mr Neil Weston, Mr Dave Doyle and Mr Dave Zilkoski participated extensively at many technical sessions and meetings. Their support and efforts helped the Stockholm Working Week to be a great success.

As a result of discussions with ION officials Dorota Brzezinska and Patricia Doherty, Mikael Lilje (Chair Elect of Commission 5) will now be representing and presenting at the ION International Technical Meeting in Anaheim, late January 2009. At this event Mr Lilje will meet more ION representatives and explore opportunities to develop our relationship further.

3.2 Cooperation with UN

The International Committee on Global Navigation Satellite Systems (ICG), met in Pasadena, California, USA, from 8 to 12 December 2008. Vice President Matt Higgins attended representing FIG and Commission 5.

The ICG has been formed as a result of recommendations of the UN Committee on the Peaceful Use of Outer Space (COPUOS), as ratified by the General Assembly of the UN. The United Nations Office for Outer Space Affairs (UN OOSA) acts as the secretariat for the ICG. It should be noted that FIG has a MoU with UN OOSA.

A major development for the surveying and geodesy community at ICG-3 was the formation of a Task Force on Geodetic References. The proposed membership of the Task Force means that for the first time ever, there will be a single forum where experts from the user community (including FIG and IAG) can meet directly with experts from the GNSS providers who are responsible for:

- World Geodetic System 84 (WGS84) used for GPS;
- PZ-90.02 used for GLONASS;

- Galileo Terrestrial Reference Frame (GTRF) used for Galileo, and;
- China Geodetic System (CGS`2000) used for Compass.

The goals for the Task Force will include:

- To bring together all interested ICG participants (experts from the system and service providers, key user communities, etc);
- To review the present situation (existing documents, resolutions or practices);
- To discuss and agree upon a consistent terminology for geodetic references and related understanding;
- To prepare recommended practices for the realization of each GNSS Geodetic Reference and its alignment to ITRF;
- To outline and encourage implementation plans in each relevant user community;
- To propose mechanisms for informing users of the current realization of a particular Geodetic Reference and any changes that may occur from time to time.

For a full report by Vice President Matt Higgins please refer to website - http://www.fig.net/news/news_2008/icg_3_pasadena_december_2008.pdf

3.3 Cooperation with ISO

Prof. Hans Heister (Munich) is representing FIG and our Commission at the ISO-Committee 172-SC6 (Geodetic Instruments). He was not only hosting the last meeting 28-29th April 2008 in Munich, but he was also heavily involved in the finalisation of the ISO- guidelines 17123-8 “*Field procedures for testing geodetic and surveying instruments -GNSS field measurement systems in real-time kinematic (RTK)*” published last year.

4. Events

2008

A summary of the Commission 5 activities at events in 2008 can be found on our website <http://www.fig.net/commission5/index.htm>, however the highlights were:

- The premier event for Commission 5 – Position and Measurement in the year 2008 was the Working Week held in Stockholm. There were eighteen (18) Commission 5 related technical sessions, comprising of almost 100 related technical papers and poster presentations. The symposium was well attended by Commission 5 delegates from around the world and the Swedish Surveyors were fantastic hosts. A full report from this technical event can be found at web site <http://www.fig.net/commission5/reports/reports.htm>.
- Vice President Matt Higgins attended Munich Satellite Navigation Summit - Munich, Germany, 19-21 February 2008. This summit focused on the status and policy developments relating to all major providers of GNSS, including the EU, USA, Russia, India, Japan and China. For a full report by Vice President Higgins please refer to website http://www.fig.net/news/news_2008/munich_summit_february_2008_higgins_rep.pdf
- FIG Vice President, Matt Higgins attended the 4th International Exhibition and Scientific Congress “*GEO-Siberia-2008*” in Novosibirsk, Russian Federation from 22 to 24 April 2008. GEO-Siberia-2008 was organised by the Siberian State Academy of Geodesy

(SSGA) and the International Exhibition Centre “*Siberian Fair*”. The event is modelled on INTERGEO in Germany with a large exhibition and an associated technical conference. There were some 3,000 participants overall with approximately 100 companies in the exhibition. In the conference there were 18 technical sessions with 450 presentations. More details from Matt's report on the event are available at:

http://www.fig.net/news/news_2008/novosibirsk_april_2008.htm

- In June, Volker Schwieger the Chair of WG 5.4 attended the 1st International Conference on Machine Control & Guidance in Zürich, Switzerland. The conference was co-sponsored by FIG Commissions 5 and 6 and the Institute of Navigation Switzerland. The conference attracted more than 130 practitioners and scientists from all over the world. The first attempt to bring together manufactures of geodetic instruments as well as of construction and agricultural engines, the respective software companies, users of both sectors as well as researchers of different disciplines was very successful. It is planned to rerun the conference 2010 in Bonn, Germany.
- In October, Vice President Matt Higgins and Vice Chair of Administration for Commission 5 Rob Sarib attended the 14th Australian Remote Sensing and Photogrammetry Conference in Darwin, Australia. At this event they represented our Commission, presented papers and held a workshop on GNSS, CORS and their effect on the spatial science and imagery industries. This event showcased the best of Australasia's technical and application driven remote sensing and photogrammetry research and the future directions of the industry.

2009

In 2009 Commission 5 will endeavour to send representatives to the following conferences however from a Commission 5 Steering Committee perspective we will be focussing our attention on the FIG Working Week in Eilat and the Regional Conference in Hanoi.

- 26-28 January, Anaheim, California
ION International Technical Meeting (ITM) 2009
at the Disney's Paradise Pier Hotel
Web Site: <http://www.ion.org/meetings/#itm>

Please note - FIG have a MoU with ION, and one of the initiatives is for us to participate at each others symposia. Mikael Lilje will be attending this forum on behalf of FIG and Commission 5.

- 3-8 May, Eilat, Israel
FIG Working Week and XXXII General Assembly
New Horizons across the Red Sea - Surveyors Key Role in Accelerated Development.
Web site: www.fig.net/fig2009

Please note - Positioning and Measurement Topics –

- Establishing quality and reliable survey or geodetic infrastructure to underpin and support land development
- Standards, quality assurance and calibration
- Reference frame in practice

- Network adjustments
 - Geodetic observing systems
 - Integrated positioning, navigation and mapping systems
 - GNSS and GNSS measuring devices
 - Cost-effective GNSS
 - GNSS networks and the impact of permanent GNSS networks and their applications in geodetic practice
 - Precise GNSS
 - GNSS calibration and check
 - New positioning techniques
 - Geodetic infrastructure
 - Case studies on the above
 - Vertical control networks based on precise spirit levelling, and its substitute alternatives.
- 1-3 July, Vienna, Austria
The 9th Conference on Optical 3-D Measurement Techniques.
Co-sponsored by FIG Commission 5 and 6, ISPRS Commission V and IAG Sub-Commission 4.2.
Web site: <http://info.tuwien.ac.at/ingeo/optical3d/>
 - 21-24 July, Presidente Prudente, São Paulo State University, Brazil
6th International Symposium on Mobile Mapping Technology - MMT2009.
Serving the Information Society
Jointly organized by ISPRS, FIG, IAG, and UNESP, Brazil.
Web site: www.fct.unesp.br/eventos/simposio/mmt09

Please note - The main objective of the conference is to discuss the most recent technology and its application, to exchange experiences and to promote future research aiming at the development and the production in the fields related to mobile mapping. The topics of interest are focused on the state-of-the-art in many important scientific and technological, and also cultural, issues related to the MMT'09, with the major objective of making human life safer, easier, and more comfortable in the near future.

- 2-15 August, Rio de Janeiro, Brazil
XXVII General Assembly of the International Astronomical Union.
Web site: www.iau.org
- 4-7 August, Bali, Indonesia
10th South East Asian Survey Congress (SEASC '09).
Hosted by Bakosurtanal.
Web site: www.seasc2009.org
- 31 August - 4 September, Buenos Aires
Geodesy for Planet Earth - IAG2009. International Association of Geodesy Scientific Assembly IAG 2009. Co-sponsored by FIG Commission 5.
Web site: <http://www.iag2009.com.ar/>

- 19-22 October, Hanoi, Vietnam
7th FIG Regional Conference.
Spatial Data Serving People. Surveying & Mapping for Land Administration and Environment Management.
Organised by FIG and the Vietnam Association of Geodesy, Cartography and Remote Sensing.
Web site: www.fig.net/vietnam
First invitation: www.fig.net/events/2009/vietnam_flyer.pdf

Please note - The Commission 5 Steering Committee are seeking suggestions for possible technical session or forum topics and ‘contacts’ in the region for this conference. If you would like to assist or have some ideas please contact Rob Sarib, robert.sarib@nt.gov.au.

5. Communication and Publications

Commission 5 have issued numerous reports and periodic newsletters to our delegates. These communiqués can be found on the website <http://www.fig.net/commission5/index.htm>.

Modifications to make the Commission 5 website more dynamic and the ‘norm’ for disseminating information to it’s delegates has progressed slowly, however it will be a major objective for the team in 2009.

6. Other Highlights

The selection of Mr Mikael Lilje from Sweden as the Chair Elect for Commission 5 was a significant occasion in 2008. Mr Lilje has been an active Commission 5 representative since 1998 and has made many important contributions. Mr Lilje will be in this position for the term of office 1 January 2009 to 31 December 2010 and will then be elected as Chair of Commission 5 for the term of office 1 January 2011 to 31 December 2014. Congratulations to Mikael, a well deserved and supported appointment!

Prof. Rudolf Staiger
Chair of FIG Commission 5

January 2009

**Report to the 32nd General Assembly
FIG Working Week in Eilat, Israel 2009**

FIG Commission 6 – Engineering Surveying

Report of Activities 2008-2009

1. General

The field of interest of Commission 6 are traditional the acquisition, processing and management of topometric data and all related information throughout the life cycle of a project (at construction site), quality control and validation for civil engineering constructions and manufacturing of large objects, modern concepts for setting-out and machine guidance, deformation monitoring, analysis and interpretation, measurement of dynamic loaded structures (general), prediction of deformation and movements in engineering projects, mines and areas of geological hazard, automatic measuring systems, construction and industry and multi-sensor measuring systems, terrestrial laser systems, their usage in architecture, civil engineering and industry and standards related to the construction and deformation measurement. The main topics of the Commission 6 are covered in the former period by five Working Groups, which structure was completed by the sixth Working Group oriented for terrestrial laser scanning.

2. Working Groups

WG6.1 – Deformation Measurement and Analysis

Chair: Adam Chrzanowski (Canada); Vice-chair: Cecilia Whitaker (USA)

WG activities are focused on the automation of monitoring surveys, enhancement of geometrical modelling of deformations from integrated deformation surveys, physical interpretation of deformations including numerical modelling and prediction of deformations and back analysis. A main objective of this WG is to propose or improve techniques to analyze historical geodetic data in comparison with modern ones, mostly GPS-based. This is expected to permit:

- to extend the geodetic information on crustal deformation in larger time and space scales; especially to compare data collected after a certain event (for instance an earthquake) with those collected before it in areas not covered yet by extensive GPS networks.
- to examine whether the pattern of crustal deformation derived from longer term data (tens to hundreds of years) differs from the short-term one, derived mainly from modern, usually satellite data. This investigation is not limited to tectonic and seismic effects (especially the local earthquake cycle) but extends also to volcanic effects and to rather surficial effects (for instance synsedimentary faulting in young deposits, sediment consolidation, etc).

The results obtained were presented in several meetings in Greece, Germany, France, Italy, Turkey. In the Perugia IUGG 2007 Congress and in particular in an IAG Symposium there has been an important participation and there was much interest, especially from Japanese people.

WG6.2 – Engineering Surveys for Industry and Research

Chair: Thomas Wunderlich (Germany); Vice-chair: Peter Kyrinovic (Slovakia)

The main goal of WG activity is to provide the specialists involved in that kind of missions with the latest state of the art concerning the use of adapted survey techniques in industry & engineering, multidisciplinary collaboration between survey engineers, civil engineers, structural & mechanical engineers, R&D scientists - for a better approach of complex engineering survey problems, specific algorithms, instrumentation, equipment and techniques in engineering surveys, high precision measurements and special techniques for the large scale metrology of big equipment or structures, integration of survey & alignment sensors with actuators and/or tools for on-line monitoring and control of a given process (dynamic systems).

WG6.3 – Engineering Survey Data Bases and Facility Management

Chair: Lothar Gründig (Germany); Vice-chair: Vladimir Seredovich (Russia)

WG activity is focusing on the role of the surveying engineer as the responsible manager of spatially referenced information, support for the co-ordination of the activities of other disciplines, building concepts of data models for the mapping of relevant 4D or 5D project data, covering 3D geometry, time, and descriptive attributes, exchange, provision and presentation of facility management data in computer networks, data integration for this subject, taking into accounts the presence of redundant data and different sources of information and automation and combination of feasible data acquisition techniques.

WG6.4 – Engineering Surveys for Construction Works and Structural Engineering

Chair: Gethin Wyn Roberts (UK); Vice-chair: Joël Van Cranenbroek (Belgium)

The WG are promoting the use of adapted survey techniques in industry & engineering, promoting a multidisciplinary collaboration between survey engineers, civil engineers, structural & mechanical engineers, promoting the understanding of fibre optic sensors, e.g. interferometric sensors, study the use of embedded sensor arrays and the role of advanced surveying techniques for structural monitoring, creating an awareness of surveyors through a task force 'Fibre optic sensors' of the rapidly emerging technology of fibre optic sensors as "non-geodetic" sensors to measure deformations (strain) and temperatures in civil engineering structures.

WG6.5 – Terrestrial Laser Scanners – joint WG with FIG C5

Chair: Maria Tsakiri (Greece); Vice-chair: Rudolf Staiger (Germany);

WG is promoting the usage of laser scanning for geometric documentation in a variety of environments, particularly high risk and environments which benefit of remote measurements (e.g. structures, slopes, underground surveys, structural deformations of cultural heritage monuments), investigate existing and developing terrestrial laser scanner instrumentation for engineering applications, evaluate and compare algorithms for processing terrestrial laser scanner data (e.g. registration, surface modelling, etc.), investigate and document metrological and quality control issues for laser scanning measurements, investigate the integration of laser scanning measurements with other measuring techniques, such as conventional geodetic systems and photogrammetric techniques.

The special and actual topics in focus of Commission 6 were covered by six Study Groups. Their activities were oriented to:

- **SG 1 'Continuum Mechanics as a Support for Deformation Monitoring, Analysis and Interpretation'**, chaired by Anna Szostak-Chrzanowski (Canada)
- **SG 2 'Optimal Use of Interferometric Synthetic Aperture Radar (InSAR)'**, chaired by Linlin Ge (Australia)
- **SG 3 'Crustal Deformation'**, chaired by Stathis Stiros (Greece)
- **SG 4 'Monitoring and Analysis of Cyclic Deformations and Structural Vibrations'**, chaired by Gethin Wyn Roberts (UK)
- **SG 5 'Fibre Optic Sensors'**, chaired by Helmut Woshitz (Austria)
- **SG 6 'Terrestrial-Based RF Positioning Technologies'**, chaired by Joel Barns (Australia)

3. Events in 2008

During the 2008 were 6 conferences and seminars planned. The first, in the series events covered by the Commission 6 was the **13th International Symposium on Deformation Measurements** in Lisbon (Portugal), which was held in May 12-15, 2008 and organised by the WG6.1 and SG1, SG2, SG3 and SG6 together with IAG C4, Sub-commission 4.2, Applications of Geodesy in Engineering (4th IAG Symposium on Geodesy for Geotechnical and Structural Engineering). The theme of the symposium "*Measuring the Changes*" reflects the importance, and demand, for fully automated, continuous, and reliable deformation monitoring in the civil engineering, mining, and energy sectors. In addition there is a strong trend to incorporate deformation systems into new structures from the very beginning, driven by concerns for whole-of-life structural health monitoring. Automation, multi-sensor integration, continuous data collection, integrated analysis and physical interpretation, and enhanced accuracy and reliability are the key developments in new monitoring systems. The annual meeting of SG5 was held in Lisbon during the conference. More at: http://www.fig.net/news/news_2008/lisbon_may_2008.htm.

In Novosibirsk (Russia) was held the 4th International Exhibition and Scientific Congress **GEO-SIBERIA 2008**, which was parallel devoted to the 25th Anniversary of the Siberian State Geodetic Academy. This largest surveying event in Russia was co-sponsored by FIG C6, namely by their WG6.4.

The **1st International Conference on Machine Control & Guidance** prepared by ETH Zurich (Switzerland) was held in June 24-26, 2008, with participation of the WG6.2 and WG6.5 members. During the conference, which attend over 130 participants from different backgrounds and made the conference to successful, the following sessions were held:

- 3D-Construction Applications I (Excavator), II & III
- Kinematic Measurement and Sensor Technology (Local and GNSS Systems)
- Agriculture Applications
- Data Processing and Data Acquisition
- Control Process and Control Algorithm

Conference proceedings can be ordered at <http://www.geometh.ethz.ch/> or papers and presentation can be downloaded at <http://www.mcg.ethz.ch/index>

Commission 6 participated at the **FIG Working Week 2008** in Stockholm with 6 technical sessions devoted to the engineering survey topics and the commission annual meeting build

space for presentation of the progress made by the commission WG s and study groups. Traditional annual meeting of the commission was held during the WW, during this were discussed actual topics of deformation monitoring, analysis and interpretation using continuum mechanics, monitoring and analysis of crustal deformations, optimal use of InSAR technology, terrestrial-based RF positioning technologies, methods and equipment of terrestrial laser scanning for engineering surveying procedures, analysis of cyclic deformations and structural vibrations, monitoring of dynamic loaded structures, application of automatic measuring systems for machine guidance, setting-out and measurement of deformations, multidisciplinary expertise and co-operation, which lead to integrated survey methods and systems, co-operation with other professional organisations (IAG, ISM, ISPRS, etc.). All papers were included to the FIG library - <http://www.fig.net/srl/>

The 4th **International Conference on Engineering Surveying – INGEO** prepared by the WG6.2 members was held traditional in Bratislava (Slovakia) in October 22-23, 2008. The conference had in focus the new methods and tools to support the effective data collection were developed in the last ten years worldwide. The questions of effective application and usage of new technology, their reliability and operability were discussed actually during the conference. The conference discussion was focused on present-day questions of laser scanning, usage of laser scanners in industry surrounding, for measurement of dynamic deformations, data acquisition and processing, too.

More at: <http://web.svf.stuba.sk/kat/GDE/Ingeo2008/Ingeo.html>

The traditional seminar about **Terrestrial Laser Scanning** was held in November 6-7, 2008 in Fulda (Germany). This seminar shows the stage of development of the sensors, processing as well as application. Furthermore a view of future developments was given. This event is organised by together with the DVW and FIG C5 with participation of FIG C6 members. <http://www.tls2008.inmetris3d.de>

4. Future events

Commission 6 participates to the FIG Working Week in Eilat, Israel by technical sessions devoted to the engineering survey topics and by organising Commission 6 annual meeting. These build space for presentation of the progress made by the Commission WGs and study groups. Many of the prepared and presented papers underline the motto of the Working Week - *Surveyors Key Role in Accelerated Development*. Some of Technical Sessions are organised together with ISPRS, ISM and IAG, also in co-operation with other FIG Commissions. <http://www.fig.net/fig2009/techprog.htm>

For 2009 are many conferences and seminars planed:

- In Novosibirsk (Russia) will take place the **5th International Exhibition and Scientific Congress GEO-SIBERIA 2009**, which is co-sponsored by FIG C6, namely by WG6.4. <http://www.geosiberia.sibfair.ru/eng>
- The **9th Conference on Optical 3-D Measurement Techniques** is organised in Vienna, July 1-3, 2009. This event is organised in co-operation with FIG Commission 5 and 6, ISPRS Commission V and IAG Sub-commission 4.2. Web site: <http://info.tuwien.ac.at/ingeo/optical3d/>

- The **10th South East Asian Survey Congress (SEASC '09)** hosted by Bakosurtanal in August 4-7, 2009, will arrange the space for discussion in all field of interest the FIG, also for the Commission 6 and the topic Engineering Surveying. Web site: www.seasc2009.org
- The traditional **Seminar on Terrestrial Laser Scanning** in Fulda, is planed at the end of 2009. This will be organised by Commissions 5 and 6 of the FIG together with the DVW.
- The **6th International Bridge Design, Construction and Maintenance Conference** co-sponsored by FIG Commission 6, planned for November 10-12, 2009 in New Delhi, India, has been postponed by the organisers. The purpose of this conference was to provide a forum for bridge practitioners and researchers to share their experiences and understanding, to highlight notable successes and to ensure that progress is maintained. The programme was designed to be as wide-ranging (including bridge monitoring) as possible so that all might benefit. More information you find at: www.ice-bdcm.com

Prof. Alojz Kopáček
Chair of FIG Commission 6

February 2009

**Report to the 32nd General Assembly
FIG Working Week in Eilat, Israel 2009**

FIG Commission 7 – Cadastre and Land Management

Report of Activities 2008-2009

1. General

Commission 7 deals with land administration (“the process of determining, recording and disseminating information about the ownership, value and use of land when implementing land management policies”, ref. UNECE Land Administration Guidelines 1996)

Commission 7 established its concept of activities about 15 years ago. It is in line with the FIG long term professional strategy and selected topics to deal with

- advanced cadastre
- developing land administration
- creating secure land tenure
- application of innovative, advance technology in land administration

Commission 7 aims

- to provide a forum for enhancing and exchanging knowledge about cadastre, land administration and land management world wide
- to encourage the development of pro poor land management and land administration
- to promote the importance of development of sustainable land administration as infrastructure for sustainable development to underpin economic growth
- to promote the application of innovative and advanced technology in cadastre, land administration
- to promote awareness of the role of surveyors in land administration matters to the public and among stakeholders

2. Work Plan 2007-2010

The Commission activities followed the work plan basically but extended its work participating and contributing actively in many events relevant to Commission 7.

3. Election of Chair Elect 2009-2010

There were two nominations by their associations to Commission 7 Chair for the period 2011-2014. Daniel Roberge from Canada was elected as the Chair Elect for the period 2009-2010. The Chair Elect will normally be appointed to the chair of the commission for the next term of office 1.1.2011-31.12. 2014.

4. Annual meeting

The **Commission 7 Annual meeting** was held in Verona, Italy September 11-15, 2008 including one day open symposium on “*Big Works for the Defence of the Territory*”. The meeting was organised by the Commission in co-operation with the Consiglio Nazionale Geometri, Italian Association of Land Surveyors. The motto of the events (together with the FIG/FAO Seminar) was “*Verona is Passion*”.

Prof. Stig Enemark, President of FIG, who in spite of his several other activities and commitments spent the whole week in Verona together with the participants, not only in the Annual meeting but also in the jointly organised FIG/FAO Seminar before the Annual meeting. He also prepared excellent and impressing keynote presentations for all events.

The number of participants was 51 from 24 countries, with some accompanying persons and several Italian professionals. High ranking Italian politicians welcomed the participants of the Annual Meeting, emphasizing the importance of land administration.

The program followed the tradition of the Commission 7 annual meetings: three-day commission meeting, one-day open symposium and one-day technical tour. During the three days, there were delivered altogether 43 foreign and 7 Italian presentations. On the first day President Enemark gave information on the current FIG policy challenged by the strengthening globalisation. Our Italian hosts informed in their presentations about the current Italian situation on land surveying profession, education, practice and about their role in the society, problems of measuring market value of Italian real estates, town planning and updating of the cadastre.

The Chair and participants of other FIG events delivered their reports. Several delegates spoke about the ongoing initiatives of the Commission (Working Groups 1, 2 and 3, Social Tenure Domain Model, Cadastral Template, FLOSS Cadastre, benefits of using new technologies, good practice, case studies, etc.). Further 13 country reports were presented with special emphasis on developing countries (Ghana, Kenya and Cambodia).

The one day open symposium on “*Environment and Land Administration - Big Works for the Defence of the Territory*” that was organised as part of the Annual Meeting was very popular among the Italian professionals. The symposium was organised in the Congress Centre Verona Fiere to provide large space for the interested professionals, about 400 altogether. President Stig Enemark gave an excellent keynote presentation on environment and land administration in respect of rights, restrictions and responsibilities. There were several interesting presentations by international and Italian professionals. The most important was provided by Mr. Roberto Rosselli, who gave a very detailed information with slides and movies on the ongoing monumental construction work called Mose Project aiming at protecting Venice and its lagoon against high tides.

Following the open symposium, Commission 7 delegates and Italian colleagues visited the Mose Project in Venice mixed with sightseeing in the beautiful, picturesque town. Special thanks to the organizers for this very interesting and excellent technical program and professional guidance.

5. Activities

5. 1. Working group activities

Working Group 7.1 - Development of Pro Poor Land Management and Land Administration

Chair: Vice Chair Christiaan Lemmen (The Netherlands)

Progress report

Following the work plan, the Social Tenure Domain Model, the specialization of the Land Administration Domain Model, was further developed and the Land Administration Domain Model was promoted. In 2008 the Land Administration Domain Model (LADM) has been submitted by FIG to the ISO, the report made by Christiaan Lemmen.

The ISO 19152 Land Administration Domain Model

In 2008 the Land Administration Domain Model has been submitted by FIG FIG Standards Network as a New Working Item Proposal to the International Organisation for Standardisation. The initiative has been accepted by the ISO Technical Committee is active in standardisation in the field of digital geographic information. The work of the TC 211 among others shall link to appropriate standards for information technology and data where possible, and provide a framework for the development of sector specific applications using geographic data.

The LADM ISO 19152 Project Team had three meetings in 2008: a first one in Copenhagen, Denmark in May, second one in Delft, the Netherlands in September and the third one in Tsukuba, Japan in December. The meetings in Europe received a lot of inputs from the project team members from the continent. In Tsukuba the majority of the participants came from outside of Europe (in total 23 participants, 15 non Europeans). The editing team is from the Netherlands, Christiaan Lemmen (chair of the PT on behalf of FIG) Dr. Harry Uitermark (editor, on behalf of FIG) and Prof. Peter van Oosterom (Delft University).

The scope of this International Standard includes the following:

- It defines a reference LADM, covering all basic information related components of Land Administration.
- It provides an abstract, conceptual schema with five packages, related to (1) people and organisations (parties), (2) parcels (spatial units), (3) property rights (rights, responsibilities and restrictions), (4) surveying, (5) geometry and topology
- A terminology for land administration based on various national and international systems, that is as simple as possible in order to be useful in practice. The terminology allows a shared description of different practises and procedures in various jurisdictions
- A basis for national and regional profiles
- It enables the combining of land administration from different sources in a coherent manner

The following is outside the scope:

- The interference with (national) land administration laws, that might have any legal implications

The comments received during the discussion resulted in improvements of the model:

- Several objects of type LA Spatial Unit (e.g. parcels) grouped into a LA Recorded Object where rights can be associated.
- The model supports 2D and 3D and mixed representations

- Classes which are outside the scope of the LADM (e.g. persons, addresses) are represented as blueprint classes
- A number of informative annexes has been included to better explain the functionality of the model
- The standard has also been submitted to the CEN-CEN/TC 287 is the Technical Committee of CEN concerned with geographic information

The next meeting of the PT is scheduled in Molde, Norway in May 2009

Working Group 7.2. – Land Administration to Support Sustainable Development

Chair: Vice Chair Soeren Christensen (Denmark)

Progress report

During the Annual Meeting in Verona, Italy the Commission 7, Working Group 2, in co-operation with the Italian Association of Land Surveyors (CNG) organised a one day open symposium on “*Environment and Land Administration - Big works for the Defence of the Territory*”. The symposium was a great success, about 400 Italian professional attended besides the Commission delegates. 7 Italian and 4 international speakers presented papers in connection with the topic.

Working Group 7.3. - Application of Innovative Technology in Land Administration

Chair: Vice Chair Daniel Steudler (Switzerland)

Progress report

The Working group supported the start of UN/FAO Project “*FLOSS Cadastre*”. An Expert Group Meeting was held in Rome, October 22-23, 2007.

The project is being supported by the World Bank as well. The scoping paper was prepared by Gertrude Pieper and there was an active discussion in Rome about next steps.

A workshop was organised in Dunedin, New Zealand, May 2008. Discussion at workshop showed that there would be a tremendous benefit when large national project declare their software developments as open-source. The C&LR community should be more aware of high costs of software license fees and the potential of FLOSS. FLOSS needs to be based on open concepts standardized data modelling is essential (no matter what the data model is or what the modelling mechanism is). The big issue in Europe at the moment: fees. Discussion are currently more often about open source data rather than open source software. Private cadastral offices start to discover FLOSS possibilities while they grow tired of license restrictions, limitations and costs.

The working group is responsible to keep the **Cadastral Template** up to-date with contribution by national delegates and representatives.

5.2. Contribution to major FIG events

The Commission actively participated in the major FIG event, Working Week, in Stockholm, Sweden “*Integrating Generations*” and the XXXI. General Assembly, Stockholm, Sweden, June 14-19, 2008.

The commission representatives presented more than 80 papers during the Commission 7 session and joint sessions with other commissions.

The Commission contributed to the joint FIG/UN-HABITAT Symposium on “*Improving Slum Conditions through Innovative Financing*”. Contributions were made by Tommy Österberg (Sweden), Paul van der Molen (the Netherlands) and Christiaan Lemmen (the Netherlands). Thanks belong also to Commission 7 delegates for their active work resulted a great success of these sessions.

Thanks for all Commission 7 delegates, speakers as well for their active contribution to the success of the event.

5.3. Contribution to other events

Joint International Workshop “*Sharing Good Practices on E-learning in Surveying, Geo-Information Sciences and Land Administration*”- Enschede, The Netherlands, June 11-13, 2008

The Workshop was jointly organised by FIG Commission 2, Commission 7 and ITC (International Institute for Geo-Information Science and Earth Observation) just before the Working Week. The aim of the workshop was to bring together professionals engaged in e-learning and distance education in surveying, geoinformation

Joint FIG/ UN FAO International Seminar on “*State and Public Land management*” 9-10 September 2008, Verona, Italy

Just before the Annual meeting and open symposium, a two-day International Seminar was held, based on FIG/FAO agreement and financially supported by FAO. The Seminar was organised by Commission 7 in cooperation with the Italian Association of Land Surveyors CNG-GL. FAO supported the participation of some eminent international experts and representatives from developing countries from all continents to keep the professional balance. 64 participants from 26 countries attended the seminar together with many interested Italian professionals.

This topic that is heavily affecting national economies is important and problematic in both developing and developed countries, therefore it was very useful for the international audience to see and hear various solutions and approaches.

High-ranking Italian politicians, President Stig Enemark and other leading officials of FIG and FAO welcomed the audience - about 250 persons being present at the opening. In two days 25 presentations were made. Prof. Richard Grover summarized the evaluation of the event.(report on Commission 7 web site).

6. Communications

Commission 7 holds **a website within the FIG website**. Our aim is to keep the interested professionals informed. The website is being maintained by the FIG Office.

The Commission published and circulated one newsletter in October 2008 via e-mail to delegates, correspondents and friends. We kept Commission delegates, friends informed circulating letters about news, daily developments related to Commission 7 activities. We have been using the list of the Commission e-mail addresses. We try to keep the list up-to-date, based on reported changes by delegates, and friends.

7. Future activities

The Commission will hold its **Annual meeting in Kuala Lumpur, Malaysia 12-16 October 2009**. The first invitation has been already circulated.

The **World Bank and FIG** organise a Conference on “*Land governance in Support of the MDGs: Responding to New Challenges*” in **Washington, DC, March 9-10 2009**. Commission 7 chair, chair elect and other representatives have been invited and will participate in the event.

The Commission will be one of the major contributors to the **FIG Working Week in Eilat, Israel, 3-8 May 2009** “*Surveyors’ Key Role in Accelerated Development: New Horizons across the Red Sea*”.

Commission 7 delegates will participate and contribute to the **7th FIG Regional Conference, Hanoi, Vietnam 19-22 October 2009**.

The Commission will continue to support the **LADM ISO 19152 Project Team**.

8. OICRF

The OICRF will report separately to the General Assembly.

András Oskó
Chair of FIG Commission 7

9 February 2009

Report to the 32nd General Assembly
FIG Working Week in Eilat, Israel 2009

FIG Commission 8 – Spatial Planning and Development

Report of Activities 2008-2009

1. General

The year 2008- 2009 again witnessed a change for commission 8 with Dr Dumashie elected to take up the ‘baton’ for the remainder of the term 2008- 2010.

Mid way into the current term, as chair, my focus will continue to be communication with the full range of communities associated with Commission 8; internally with you and your member associations, and externally with our strategic partners, but also to actively explore new opportunities for our commission members in a profession operating globally.

The hand over of the ‘baton’ presented a good opportunity for a mid term review of ‘How we work as a Commission’ with members feeding back from 2008 annual meeting led by the chair (minutes and questionnaire available on comm. 8 website). The Commission looks forward to progressing the new ways identified to explore, disseminate and share experiences and cutting edge practices including improving the newsletter production process.

Commission 8, with its involvement in the issues surrounding Planning and Urbanisation is often exploring planning and problem resolution of the question ‘where people wish to settle’. This means considering not only new development activities but also regenerating the built environment. Crucially the commission needs to translate its activities not only in established areas, but also those that are new and emerging. Increasingly our members are highlighting and debating the global issue of environmental resilience in human settlement activities.

Consequently, a clear cross cutting theme occurring in our focus is “*Man’s relationship with the environment*”. This theme, emerging strongly in the last term, has resulted in increasing numbers of technical sessions being developed at our working weeks. Dealing with such questions as: the surveyors role and developing our own capacity, the ability to communicate to the public at large, the importance of land and energy, but also how we may increase the technical know how of planning and development. These successful sessions could not be achieved without cross commission support, an indication of the holistic remit of today’s land professional.

Strong, regular support for commission 8 is seen at each of the WW and a high level of active participation at these weeks; evidenced by the number of papers submitted each year. The upcoming working week in Israel is no exception.

In the meantime, as outlined in our working plan, the areas of interest remain on:

- **Urbanisation**, be it concentrated in informal settlements and/ or Mega cities;
- **Disaster reduction**, be it coastal or inland, and disasters natural or man made;

- **Spatial planning**, be it on policy and practice in green field or brown field sites.

2. Working Group Activities

Working Group 8.3 – Informal settlements: issues in Spatial land planning (Chair Dr Diane Dumashie)

Following on from the successful Working Group publication in June 2008, the working group has reformed and reviewed its next steps. Early in 2009 the group agreed to develop the proposal identified in its previous deliberations to consider “*The parallel issue of planning for infrastructure routes in peri-urban areas*”. Funding will be required to progress this work, so during the 3rd quarter of 2009, the proposal will be submitted and discussed with interested sister organisations.

In view of the vice chairs promotion, a new vice chair is currently being identified.

Working Group 8.4 - Urban Planning in Coastal Regions (Vice Chair Isaac Boateng)

Led by Commission 8, progress has been made to initiate a joint Commission output, involving Commissions 4, 5 and 8 respectively with a focus on coastal change, a joint working group effort to work toward an interdisciplinary output of the three disciplines: (i) spatial planning, (ii) geodetic surveying and (iii) marine administration to coastal development.

The overall goal will be a position statement to include:

- Provision of policy advice
- Summary case studies
- Suggestions for best practices
- Identifying information gaps requiring further research

This will be achieved by jointly designing, managing and participating in WW technical sessions, and to view, understand and record - the planning, administering and development in coastal zones in the face of climate change. This will led to a guide for practitioners.

3. Cooperation

Dr Diane Dumashie has continued to progress the working agenda by liaising with international agencies, NGOS’s and member organisations, as well as encouraging cross-commission involvement.

4. Cross working with other Commissions

As outlined above Commission 8 is involved in cross commission activity by

- Promoting cross technical sessions in a range of subjects notably Land consolidation and environment matters, and
- Leading on working group 8.4 on Coastal Regions,

5. Connectivity with Sister organisations

Commission 8 continue to maintain strong relationship with other land professional groups, such as Commonwealth Association of Surveying and Land Economy (CASLE). Building on the pervious terms success we are discussing ways for our member associations to be involved in the next African Regional Conference.

6. Collaboration with UN

In addition, the commission chair and members have actively engaged with the GLTN secretariat, hosted by UN-HABITAT and located in LTPAS. Following on from Commission 8's member involvement in 2007 and then early 2008 on gender responsive evaluation criteria and gender-sensitive tool development process, an e-forum was run by the GLTN Secretariat, in collaboration with a number of GLTN partners, from 8 September – 15 October 2008 to build further consensus on these evaluation criteria. The chair was invited to assist in developing and subsequently taking a role of moderator within the e forum team .The results were shared at the World Urban Forum in Nanjing, China in Nov 2008 (see www.glt.net).

Dr. Diane Dumashie
Chair of FIG Commission 8

February 2009

**Report to the 32nd General Assembly
FIG Working Week in Eilat, Israel 2009**

FIG Commission 9 – Valuation and Management of Real Estate

Report of Activities 2008-2009

1. General

In 2008 Commission 9's activities concentrated on FIG conference in Stockholm on 14-19 June, and on a joint seminar on Appraisal and Property Protection in Beijing on 18-19 October. In addition, the Working Groups of the Commission have been working with their topics through out the year.

In Stockholm the Commission held the commission meeting and all working groups had their own meetings, WG 9.2 even a special event. In addition there were several of presentations concerning valuation and real estate management in seven sessions. In Beijing the participation was very active. Commission 9 had also a meeting with China Institute of Real Estate Appraisers and Agents (CIREA).

In Stockholm WW a new chair elect for Com 9 was elected: Prof. Frances Plimmer, RICS, UK.

2. Working Groups

WG 9.1 – Compulsory Purchase and Compensations in Land Acquisition and Takings

Chair: Kauko Viitanen

Co-chairs: Thomas Kalbro, Henning Elmstoem, Paul Munro-Faure

WG 9.1 organised in September 2007 a joint seminar on compulsory purchase and compensation in Helsinki. The seminar was very successful and now also most of the papers have been published. The first publication, a book in the publication series of Real Estate Studies at Helsinki University of Technology has come out in the autumn 2008. The name of the book is same as the name of the seminar: "*Compulsory Purchase and Compensation in Land Acquisition and Takings*". The book may be ordered from marjatta.huuhtanen@tkk.fi. Most of the reviewed articles have been published in the special edition of the Nordic Journal of Surveying and Real Estate Research Special Series Vol. 3, 2008. Both publications have been sent to the participants of the seminar. Almost all other reviewed articles will be published in a themed edition on Compulsory Purchase and Compensation of the Land Reform, Land Settlement and Cooperatives journal by FAO. The journal is coming out very soon and will also be sent to the seminar participants. A few separate articles will be published later or have already been published. When all articles have been published they will be put on the FIG website. In addition the seminar presentations are available on the seminar website <http://www.tkk.fi/Yksikot/Kiinteisto/FIG/programme.htm>.

In June 2008 WG 9.1 held a meeting in Stockholm in connection of FIG WW. There were about 10 participants and the discussion of continuing the work was very lively. In the WW there were also a few presentations concerning the subject of the WG. In October 2008 Commission 9 organised a joint seminar in Beijing. Also there were a few presentations dealing with the compulsory purchase and compensation and a lively discussion how to continue the work of the WG.

The Commission 9 work with compulsory purchase will continue at least until the FIG Congress 2010 in Sydney when we aim to present FIG recommendation for good practice in compulsory purchase and compensation. Furthermore this means that the subject will be an important topic in all FIG occasions in which Commission 9 will take part (at least in Eilat and in Hanoi) as it also have been in Stockholm and Beijing.

WG 9.2 – Improving Slum Conditions through Innovative Financing

Chair: Bengt Kjellson

Co-Chair: Ann Jennervik

The focus for the WG has been the FIG Working Week 2008 in Stockholm. During the WW the special event, in co-operation with UN-HABITAT, on *Improving Slum Conditions through Innovative Financing* was held. The seminar was very well attended and very successful. An important part of the event was the inclusion of dialogues as a way to stimulate discussion and exchanges of experiences across professional disciplines. In addition to a number of plenary sessions and presentations on the subject matter, a total of eight dialogues were held. This produced valuable outcome which has been documented jointly by FIG and UN-HABITAT. A report has been published (FIG Publication No.44), and the outcome of the seminar was presented during the Fourth World Urban Forum, in Nanjing, China in November 2008.

WG 9.3 – Diagnostic Tools and Prescriptive Practices for the Valuation Profession

Chair: Steven Nystrom

WG 9.3 is preparing a diagnostic tool for analyzing the practices of the valuation profession in different countries, being in the phase of acquainting oneself with the existing systems around the world and selecting case countries. It held an active meeting in the FIG WW in Stockholm.

WG 9.4 – Review of Valuation Methods and Standards Worldwide

Chair: David Smejkal

WG 9.4 has not been operational during year 2008.

WG 9.5 – GIS-analyses in Real Estate Market Analyses and Valuation

Chair: Dieter Kertscher

Co-chair: Steven Nystrom

The world - also the world of Valuation of Real Estate Analyses - is digitalising very fast. Working Group 9.5 joins with Commission 3 “Spatial Information Management” and continued working, mainly on Working Week 2008 in Stockholm, to find the effects and

possibilities of digitalisation for the profession in real estate markets. Members studied new ways to make real - estate - market - analyses and valuations.

In addition to presentation “*The German Digital Purchase Price Collection - Maintenance, use, Results*”, shown in XXIII FIG Congress 8-13.10. 2006 in Munich by Dieter Kertscher, and presentation “*Value Maps: The next Utility?*”, presented by Sarah Sayce, Tony Vickers, Munir Morad and Owen Connellan, all United Kingdom, shown too in Munich in 2006, in Stockholm there was a very good visual instruction and object-teaching from Mr. Jad Jarrouch and Dr. Kobi Zaid (Israel) with the theme: “*Universal Geo-Database Connector Interface Component (UG-CIC) for Virtual Web-Base GIS server Essential for Real Estate Industry Uses*”.

Summary: There is a global trend of increase use of Value Maps. These maps are based on data from national property tax systems, but sometimes have wider uses in both of public and private sectors.

Preview: Commission 3 and Working Group 9.5 from Commission 9 prepared a Workshop on “*Spatial Information for Sustainable Management of Urban Areas*”, supported by the European Association of Remote Sensing Laboratories (EARSeL) Special Interest Group (SIG) Urban Remote Sensing under the aegis of the United Nations Economic Commission for Europe, Committee on Housing and Land Management (CHLM) Working Party on Land Administration (WPLA) in Mainz, Germany, 2-4 February 2009.

3. Cooperation

3.1 Cooperation with Other Commissions

There has been cooperation with Commission 7 and 8 on WG 9.1. WG 9.2 is part of the FIG Task Force Developing Global Land Tools for Pro Poor Land Management, and it has been in co-operation with Commissions 3, 7, 8 and 10. WG 9.5 is a joint Working Group with Commission 3.

3.2 Cooperation with Sister Organisations

After the Beijing seminar FIG Commission 9 representatives visited CIREA office and discussed with Mr. Chai Qiang about goals of the Commission 9 and possibilities to activate the Chinese participation in Commission 9 activities. It was also discussed to make this international seminar a tradition for Commission 9.

The contact person of Commission 9 for IVSC has been Brian Waldy, UK.

3.3 Cooperation with UN

WG 9.1 has continued the co-operation with UN FAO also after the seminar on *Compulsory Purchase and Compensation in Land Acquisition and Takings* held in Helsinki held in autumn 2007. E.g. some of the articles in the seminar will be published in a themed edition on Compulsory Purchase and Compensation of the Land Reform, Land Settlement and Cooperatives journal by FAO.

4. Events

In the **FIG Working Week in Stockholm** was foremost the largest event for commission 9. As already mentioned, the work of WG 9.2 culminated in the FIG/UN-HABITAT Seminar on Improving Slum Conditions through Innovative Financing. In addition, all the other WG's had their meetings. In addition to the FIG/UN-HABITAT seminar, commission 9 had five technical sessions and three technical sessions organised jointly with other commissions (commissions 3, 7 and 8).

A **Joint Seminar on State and Public Sector Land Management** was organised on September 9-10, 2008, in Verona, Italy. The seminar was organised by FIG Commission 7 and the Consiglio Nazionale Geometri, in co-operation with FIG Commission 9, and the Food and Agriculture Organization of the United Nations' (FAO) Land Tenure and Management Unit.

A **Joint Seminar on Investments and Valuation** was organised on October 18-19, 2008 in Beijing, China. The seminar was organised by FIG Commission 9 and the China Institute of Real Estate Appraisers and Agents, CIREA, in co-operation with FIG Commission 8, and The Hong Kong Institute of Surveyors, HKIS.

5. Communication and Publications

The articles presented in the seminar on Compulsory Purchase and Compensation in Land Acquisition and Takings held in September 2007 in Helsinki, Finland have been published in either the first issue of 2008 of the FAO Land Journal "*Land Reform, Land Settlement and Cooperatives*" themed on Compulsory Purchase and Compensation, the special edition of the "*Nordic Journal of Surveying and Real Estate Research*" or in the seminar book published in the research series of the Department of Surveying at the Helsinki University of Technology.

Prof. Kauko Viitanen
Chair of FIG Commission 9

January 2009

**Report to the 32nd General Assembly
FIG Working Week in Eilat, Israel 2009**

FIG Commission 10 – Construction Economics and Management

Report of Activities 2008-2009

1. General

Commission 10 is working to the broad agenda set out in the paper an “*Explanation of the Present and an Agenda for the Future*”

(http://www.fig.net/commission10/news/comm_10_status_2005.pdf)

Our goals include support to FIG Working Weeks, regional conferences, and regular meetings of Commission 10 Working Groups, encouraging regular exchange of research to and amongst interested professionals from all disciplines of surveying.

The Commission’s annual meeting held during the Working Week in Stockholm was attended by fifteen Commission delegates and others interested in the work of Commission 10.

2. Working Groups

WG 10.1 – Construction Economics

Chairwoman - Ms Sara J Wilkinson

Policy issues

- Map skills and knowledge process for both Quantity Surveyors and Building Surveyors
- Research current practice in differing cultures and economies to develop and publish generic guidelines as to “best practice”
- To monitor and, if possible, join and contribute to research projects being carried out by others
- Minority and gender issues and enhancing representation of under-represented groups.

Specific projects

- To work with other Commissions to support their work on the technical and cost issues of affordable housing and associated matters in developing and emerging economies
- To support and monitor the Commission’s attention to all minority interest issues.

Work in progress

- Decision making in the adaptive reuse on existing buildings to enhance sustainability. This is a three year project examining 528 buildings in a city centre
- The potential for green roofs on existing buildings in the CBD: a project which visually examined all the buildings in Melbourne to assess their suitability for retro-fitting with green roofs; results to be published in 2009.

Publication(s)

- Report at each FIG Working Week outlining activity and progress.

WG 10.2 – Commercial Management

Chairman - due to overseas business commitments Mr Geoff Schmitt has resigned as acting Chairman with effect from 22 January 2009. A permanent replacement is being urgently sought.

Contact for potential Chairperson/Contributors to WG 10.2: Mr, Andrew Morley (United Kingdom), email: andrew.morley@ccmassociates.com

Policy Issues

- To describe and compare different Commercial Management methods and publish generic guidelines as to “best practice”
- To describe and detail a “best practice” model for the successful Commercial Management of multi-project programmes in both developed and developing economies.

Specific Projects

- A review of Commercial Management techniques to encourage the raising of private finance for projects in the period 2010 to 2020.

Publication(s)

- Report at each FIG working week outlining activity and progress
- In line with the general objectives of Commission 10, a paper to be prepared developing Commercial Management techniques specifically in respect of privately financed projects
- These projects could include BOT, PPP and PFI types of projects.

Contributors

- Contributors will be invited to assist with the publication entitled “*The use of Best Practice Commercial Management techniques and the contributions of the surveying profession to the commercial management of part or wholly privately financed projects in the period 2010 to 2020.*”
- Contributors will also be invited to assist in research on the various procurement, contract usage, commercial management and dispute avoidance techniques in use throughout the World.

It is intended that the work plan and objectives, already carried out by the retiring Chairman, will be completed under the guidance of the new Chairperson.

WG 10.3 – Project and Programme Management

Chairman - Mr. Richard A Hucker, MBE (United Kingdom) email:

Richard.Hucker@costain.com

Vice-chairwoman: Ms. Leonie Newnham (Australia), e-mail:

Leonie.Newnham@dse.vic.gov.au

Main Subject

Project and Programme Management

Policy issues

- To report on different Project Management techniques and to publish generic guidelines as to “best practice” in these techniques
- To review “best practice” models for the successful management of multi-project programmes in both developed and developing economies.

Specific Projects

- To review the Project Management Techniques required in recruiting and retaining surveying staff and to publish best practice guidelines
- To collect examples of “Good” and “Bad” practice in the Management of Projects. To review these examples and make recommendations on common causes of the results seen
- To review client’s experience of raising private finance for projects and to draw lessons on management skills required to encourage this form of financing
- The target for the session is to collect best practice guidelines and to use these to provide a report collecting “best practice skills used in project management” and how these may be used to encourage private financing of projects.

Publication(s)

- Report at each FIG Working Week outlining activity and progress
- Publish best practice guidelines as these are developed.

Contributors

- Contributors are welcome to give examples of “good” and “bad” projects of any size or type
- Contributors are required to examine and report on individual aspects of “best practice”.

3. Cooperation

3.1 Cooperation with Other Commissions

The Commission’s endeavours to engage with other commissions continue with only limited success. It is recognised that more work is needed by us to achieve greater recognition amongst our colleague surveyors of the skills and expertise that our members have, particularly in the management of procurement and risk and the realisation of projects and programmes.

3.2 Cooperation with Other Organisations

CEEC – The Council of European Construction Economists www.ceecorg.eu

Andrew Morley attended the CEEC’s bi-annual General assembly in Prague in April 2008 and a member of theirs presented a paper during the Stockholm Working Week. This cooperation is working well and promises further involvement in the European context.

ICEC – International Cost Engineering Council www.icoste.org

Shortly after the Stockholm Working Week, Andrew Morley was able to attend the ICEC Congress in Toronto with the object of bringing to life the ten year old Memorandum of

Understanding between it and FIG. This was a positive meeting and work is in progress to identify and develop projects of mutual interest to the two memberships. In November the Chairman attended the biennial ICEC Europe Regional meeting (2008 Rome).

AAQS – African Association of Quantity Surveyors www.aaqs.org

During the Stockholm Working Week, Andrew Morley invited Mr Osei-Asante, GhIS Delegate to Comm. 10, to lead and develop ideas for involving African QS associations in the work of Comm. 10. As a result the Comm. 10 Chairman attended the first meeting of a “Commission 10 interests” group of African quantity surveyors held during the AAQS triennial conference in Accra in August. It is hoped that this grouping arrangement will work to overcome some of the logistical issues that have previously limited African participation in Comm. 10.

PAQS – Pacific Association of Quantity Surveyors www.icoste.org/paqs.htm

This grouping is scheduled to hold its next congress in Kuala Lumpur in August 2009 and it is planned that C10 Chairman will attend to encourage the active participation of PAQS members in the FIG Congress in Sydney in April 2010.

3.3 Cooperation with UN Bodies

The Chairman will attend the Joint FIG / World Bank Conference in Washington DC – Land Governance in support of the MDGS - in March 2009; it is expected that this may give a limited opportunity to explain the work of Comm. 10.

4. Events

Commission 10 colleagues attended the FIG Working Week 2008 in Stockholm and presented papers to the three Technical Sessions all of which were well attended. The papers can be seen on the FIG Website - www.fig.net/pub/fig2008/techprog.htm

Richard Hucker chaired another very successful Open Session in which he reported on the work carried out by WG10.3 and lead wide ranging discussion of the several examples of project management practice that he and his colleagues had investigated.

Unfortunately, due to work commitments Ms Sara Wilkinson was unable to attend the Working Week.

Andrew Morley also attended the ACCO meeting ahead of the commencement of Working Week.

As well as the several meetings of other organisations reported above, the Chairman has attended Annual General Meetings throughout the UK of his home institution (Institution of Civil Engineering Surveyors) to raise the profile of FIG and to explain Commission 10's work and aims.

During 2009 the Chairman expects to attend FIG Working Week & XXXII General Assembly – New Horizons across the Red Sea – Surveyors Key Role in Accelerated development – in

Eilat, the 13th PAQS Congress – Kuala Lumpur, Malaysia and the 7th FIG Regional Conference – Land Governance and the Environment – Building the Capacity – in Hanoi.

5. Communication and Publications

UK members hold regular meetings to progress the Work Plan, communicating electronically with all other interested parties. A newsletter will be issued before FIG Working Week 2009, which will keep delegates updated on the progress of Commission 10.

6. Chairperson 2011 - 2014

It is extremely disappointing that, at the time of writing, no member association has proposed a person for election as Commission 10 chairperson for the period 2011-2014.

Andrew W Morley
Chairman of FIG Commission 10

February 2009

**BID PROPOSAL
FOR THE HOSTING
OF
FIG WORKING WEEK IN 2013**



Prepared by
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NOVEMBER 2008

1. THE PROPOSAL

This Bid Proposal is for the hosting of the **FIG** working Week 2013.

1.1 The Hosting Organization

The FIG Working Week 2013 is being proposed to be held in Nigeria and to be by the Nigerian Institution of Surveyors, a member association of the International Federation of Surveyors (FIG). The theme of the conference will be linked to the **SURVEYORS ROLE IN ACHIEVING THE MILLENNIUM DEVELOPMENT GOALS**. The theme will also reflect how professionals in Nigeria have been working together in having a closely working relationship in ensuring good governance.

1.2 About the Nigerian Institution of Surveyors

NIS SECRETARIAT



The Nigerian Institution of Surveyors is a member association of the International Federation of Surveyors (FIG). It is the umbrella professional organization for all surveyors in Nigeria whether in private practice, government or academia. The Institution has set goals, which include representing general view of the Surveying profession in Nigeria as well as seeking the professional well being of its members. It has membership of about 2,000 comprising of Students, Associates members, Full

members and Fellows. It is one of the oldest organized Professional Bodies in Nigeria. It was established in 1934.

For more information: www.surveyors.org.ng AND www.nigeriansurveyors.org

1.3 The Hosting Country

The Republic of Nigeria is located in the western part of Africa Continent. It has a population of about 140 million people divided into 36 federating states comprising of many tribal groups. Nigeria is indeed a beautiful country. Nigeria offers a wide variety of tourist attractions such as ocean beaches ideal for swimming and other water sports, unique wildlife, vast tracts of unspoiled nature ranging from tropical forest, magnificent waterfalls, worm spring and hills. Climatic conditions in some parts are particularly conducive to holidaying. Nigeria has about eight international airports with **Abuja** and **Lagos** international Airport being the major hub for entrance. Nigeria is the biggest black nation in the world; as such she hosts several embassies in its capital **Abuja** where the conference is being proposed. Nigeria is an Oil & Gas producing nation.

1.3.1 Climate and Local time

Nigeria is located within the Equatorial region, she enjoys a warm sub-tropical climate because of the high altitude and has 3 distinct seasons namely the cool and dry season (May – August); hot and dry season (August – November); warm and wet season (November – April). The climate varies; equatorial in south, tropical in center, arid in north. The time zone in Nigeria is GMT +1.

Area

- Total area: 923,770 sq km
- Land area: 910,770 sq km
- Comparative area: slightly more than twice the size of California

1.3.2 International boundaries It is bounded in the west by Republic of Benin with 773 km, in the East by Republic of Cameroon with 1,690 km, and in the North by Chad & Niger Republic with 87 km & 1,497 km respectively while coastline of about 853 km in the South bounding the Atlantic Ocean.

1.3.3 Terrain: The terrain comprises of southern lowlands, which merged into central hills and plateaus; with mountains in southeast, plains in north and mangrove swamp in the Niger Delta area.

1.3.4 Currency

The National currency is Naira (N)

Exchange rate

1 US\$ = Naira 120 (as of November 2008)

Nigeria has a liberalized exchange rate system with several registered Bureau de Change.

2.0 WHY HOSTING FIG WORKING WEEK IN NIGERIA

Past FIG Working Weeks

The Table 1 below shows the countries, which have hosted the past FIG Working Weeks and congresses.

S/No	Country	Year
1	Sun City, South Africa	1999
2	Prague, Czech Republic	2000
3	Seoul, Korea,	2001
4	Washington DC, USA	2002
5	Paris, France	2003
6	Athens, Greece	2004
7	Cairo, Egypt	2005
8	Hong Kong, Hong Kong SAR, China	2007
9	Stockholm, Sweden	2008

From the table it can be seen that the FIG Working Week has never been held in Nigeria.

Past FIG Regional Conferences

The Table 2 below also shows the countries in Africa, which had hosted the past FIG Regional Conferences.

S/No	Country	Year
1	Nairobi, Kenya	2001
2	Marrakech, Morocco	2003
3	Accra, Ghana	2005

From the lists above, it can be seen that Nigeria a country with enormous population of Surveyors, a nation with rich culture and natural resources have not had the opportunity of hosting any of these events. It is on this note that Nigerian Institution of Surveyors is willing to partner with Government of Federal Republic of Nigeria to host the Working Week if provided the hosting right.

2.1 The Proposed City for the Conference - ABUJA

The proposed city of holding the conference is **Abuja** the Capital City of Nigeria, the fastest growing city in Africa and the Nigeria's 1st planned city. Abuja with an estimated population of 2.5 million is the capital city of Nigeria. The planned city is located in the center of what is now the Federal Capital Territory. **Abuja** officially became Nigeria's capital on 12 December 1991.

The crescent shape of the city reflects the infrastructural considerations and the topography of the site. Abuja is located at 9°10'N 7°10'E. Most countries moved their embassies to Abuja and maintain their former embassies as consulates in the commercial capital of Nigeria, Lagos. Abuja's feature is Aso Rock, a 400-metre monolith left by water erosion. The Presidential Complex, National Assembly complex, Supreme Court, hotels, museums, international conference center, good roads. "Aso" means "victorious" in the language of the (now displaced) Asokoro ("the people of victory"). Other sights include the Nigerian National Mosque and the National Ecumenical Centre cathedral. The city is served by the Nnamdi Azikiwe International Airport, while Zuma Rock lies nearby.



Nigerian National Mosque



National Ecumenical Centre cathedral



ABUJA ZUMA ROCK



INTERNATIONAL CONFERENCE CENTRE

ABUJA IS DIVIDED INTO FOUR DISTRICTS NAMELY:

2.1.1 Central District

The city has been well planned and the Central District is located between the foot of Aso Rock and the Three Arms Zone to the southern base of the ring road. It is like the city's spinal cord, dividing it into the northern sector with Maitama and Wuse, and the southern sector with Garki and Asokoro. While each district has its own clearly demarcated commercial and residential areas, the Central District is the city's principal Business Zone, where practically all parastatals and multinational corporations have their offices located. An attractive area in the Central District is the region known as the Three Arms Zone, so called because it houses the administrative offices of the executive, legislative and judicial arms of the Federal Government. A few of the other sites worth seeing in the area are the Federal Secretariats alongside Shehu Shagari way, Aso Hill, the Abuja Plant Nursery, the Parade Square and the Tomb of the Unknown Soldier. The Brigade of Guards organizes a twenty-four hour watch at the spot and they have a colorful ceremonial change of guard. The National Mosque and National Ecumenical Church are located opposite each other on Independence Avenue.



CENTRAL BANK OF NIGERIA

2.1.2 Garki District

The Garki District is in the southwest corner of the city, having the Central District to the north and the Asokoro District to the east. There are some interesting buildings, which include the General Post Office, Abuja International Conference Center, Abuja Sofitel Hotel,

Agura Hotel, the Federal Secretariat Complex, Garki Shopping center, several bank buildings and other commercial offices. At present it is the principal business district of Abuja.

2.1.3 Wuse District

This is the northwestern part of the city, with the Maitama District to its north and the Central District to its south. The Wuse Markert is Abuja's principal market. The second most important Post Office in the city is located here. This district also houses the Sheraton Hotel and Towers, Ibro International hotel, and the Nigerian Tourism Development Corporation.

2.1.4 Maitama District

Maitama District is to the north of the city, with the Wuse and Central Districts lying to its southwest and southeast respectively. This area is home to the top bracket sections of society and business, and has the reputation of being very exclusive. Interesting buildings include the Nicon Hilton Hotel, National Universities Commission, Soil Conservation Complex, National Electoral Commission, and European Economic Community (EEC) office. Maitama District is home to many European embassies in Nigeria.



3.0 Finances

The draft budget has been submitted to the FIG Council.

3.1 Registration Fees

Full registration fee and students' registration fee are planned to include admission to the General Assemblies, all Technical Sessions, exhibition, Welcome Reception, coffee breaks and a copy of the full proceedings on CD-ROM. For the Technical and Social Tours and Farewell Banquet participants are to register and pay separately.

Accompanying persons' registration includes Opening Ceremony, Welcome Reception, and the authorization to join the technical tours. The social tours and the Farewell Banquet. These items are to be paid separately. The draft budget is based on following fees:

Conference Delegates	EUR 550
Accompanying persons	EUR 300
Students	EUR 100

3.2 FIG Foundation

In the registration fee a sum of 10-20 Euro per participant shall be included for the FIG foundation. A donation is expected from every FIG participant except for students.

4.0 PROPOSED VENUE FOR OPENING CEREMONY

We are proposing the opening ceremony will take place at the **Abuja International Conference Center**. Abuja International Conference Center is a magnificent edifice overlooking the Radio House lying in its own lovely garden filled with historic shady pine trees and well paved drive way. It is locate in the city center, close to Le Meridien Hotel adjacent to the ECOWAS PARLIAMENT. This Conference Center had hosted Commonwealth Head of States Africa Union Head of States and the visit President Bill Clinton etc.



International Conference Center

5.0 PROPOSED CONFERENCE HOTEL

The proposed venue for the working week is, **Transcorp Hilton Abuja**.





The Transcorp Hilton, Abuja is located in the centre of the business area features 670 rooms, set in beautiful landscaped gardens, easily accessible from all parts of Nigeria. The Transcorp Hilton offers all the services of an international business hotel equipped with all the ultra modern facilities.

Access

From	Distance	Time	Via
Ministries/Embassies	3km	10min.	Taxi
Nnamdi Azikwe Airport	45KM	40min	Taxi
Lagos	900km	55min	Air



Night at Transcorp Hilton Hotel



Relaxation site at Transcorp Hilton Hotel

Hotel services include e.g.: recreational facilities, business centre, Club Lounge and 2 Executive floors, Conference/Meeting/Exhibition and Banqueting facilities, Medical Clinic and Dentist, Free Parking, Internet facilities, Simultaneous translation, Handy craft Village, Mini-zoo and Casino.

Catering facilities include;

- Zuma Grill Restaurant overlooking the beautiful fountain patio offers fine dining, international cuisine.
- Bukka Restaurant, is the main hotel restaurant combining traditional Nigerian and International Buffet cuisine
- The Oriental Restaurant offers specialty Chinese, Mongolian and Thai Cuisine.
- Fulani Pool Restaurant & Bar: offers Barbeque and a la carte.
- Lobby Bar: special cocktail with jazz and Piano music
- Capital Bar: Live band entertainment
- Pastry Corner: offers snacks and cakes
- Safari Nightclub



This Hilton Hotel with 670 rooms in 10 floors is located in the central business district of Abuja, approximately 26 miles from Abuja Nnamdi Azikiwe Airport. Local attractions include Aso Rock, approximately three miles away, and the National Children's Park and Zoo, located five miles from the property.

Guest rooms feature work desks, high-speed Internet access, air conditioning, TVs, minibars, weekday newspapers, telephones, and voicemail.

The hotel offer a large hexagonal swimming pool and children's wadding pool, 3 Floodlit tennis courts, 3 squash courts, Fitness centre with gymnasium, sauna and message and Volleyball and basketball courts

6.0 Other Hotel Accommodations for Participants

There are several hotels and bed & breakfast (BB) lodges in Abuja. All these hotels are online and reservations can be made via Internet. Names of just a few of the hotels are listed below:

- | | | | |
|----|-----------------------|-----|------------------------|
| 1) | Abuja Sheraton Hotels | 8) | Valentia Hotel |
| 2) | Le Meridien | 9) | Reiz Continental Hotel |
| 3) | Rock view Hotel | 10) | Top View Hotel |
| 4) | Agura Hotel | 11) | Bolton White Hotel |
| 5) | Bolingo Hotel | 12) | Top Rank Hotel |
| 6) | Nicon Luxury | 13) | Chelsea Hotel |
| 7) | Denis Hotel | | |



Sheraton Hotel, Abuja



National Stadium, Abuja



National Defence Headquarters

7.0 THE CONFERENCE PROGRAMME

7.1 Estimates on Registration

Our estimation is based on the following facts:

- i) The number of delegates to the FIG Programme has been quite stable with delegates' representation from 45-60 countries.
- ii) The number of member association of FIG has also been increasing every year.
- iii) Records also shows that normally the delegates for the FIG Working Week are usually from more than 60 countries.

Therefore, based on the above and improved attendance at the FIG programme in the last couple of years, and the need to promote good governance through the international communities, we are estimating about 2,500 delegates including about 1,500 host membership association.

7.2 The Programme

The programme will be carefully prepared to provide high profile technical sessions and in addition a superb entertainment components which will includes, social events, technical tours, gala dinner and an opening and closing ceremony which will display the Nigerian Cultural heritage

7.3 Meals

Nigeria boasts of having variety of both local and international cuisines.

7.4 Languages

The official Language for communication during the conference will be English Language.

7.6 Funding

Funding of the Working Week will be shared by

- The Nigerian Institution of Surveyors.
- Surveyors Council of Nigeria (SURCON).
- Office of Surveyor General of Federation (OSGOF).
- Ministry of Federal Capital Territory.
- Federal Ministry of Transport.
- Federal Ministry of Housing.
- Federal Ministry of Tourism.
- Oil & Gas Multinational Companies.
- Other Corporate Friends of the Institution.

8.0 SUPPORTS TO DELEGATES

Abuja City has a well-coordinated municipal taxi services running regularly to and from the City Centre to all Districts.

We will organize transfer from the Airport to the hotels and conference venue.

The Local Organizing Committee will meet all registered participants at the Abuja International Airport upon arrival and will take them to their hotels.

During the conference participants will be provided with transport to and from their hotels to the Workshop venue.

9.0 CONCLUSION

Nigeria has hosted many international events and conferences ranging from sports, economics, commerce, international relations and many more. Also, Nigeria has consistently been ranking second in the numbers of attendees in FIG Conferences, and has enough resource persons within Nigeria Institution of Surveyors to organize the hosting of the Working Week.