

Der Präsident

DVW • Am Badenbergr 28 • 79235 Vogtsburg

Mr. Markku Villikka MSc (Surv.)
Director, FIG Office
International Federation of Surveyors, FIG
Lindevangs Allé 4

DK-2000 Frederiksberg

Hamburg, den 24.11.2003

Nomination for FiG Commission chairs

Dear Markku,

DVW presents the nomination of Dr.-Ing. Winfried Hawerk as Vice-chair elect in Commission 7 of FiG.

We are sure, that our experienced german delegate – he is member of the commission since 1993 – will make a good job for FiG.

DVW will support these nomination and – if elected by the GA – the activities and work as chair in all ways necessary.

In the attachment you will find some biographical notes of Dr. Hawerk.

Kind regards

A handwritten signature in black ink, appearing to read 'Hagen Graeff', written in a cursive style.

Hagen Graeff

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Biographical notes:

Nominee: Dr.-Ing. Winfried Hawerk

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Age: 51

Studies: University of Hanover, Institute for Geodesy

Degree: Diplom Engineer for Surveying in 1977

Along the professional practise PhD studies in the field of valuation and statistics with the degree as Doctor Engineer in 1992

Practice: Since 1979 working for the administration of the city and state Hamburg in several positions, currently in the central Department for Geoinformation and Surveying responsible for cadastre and Land Information Systems in Hamburg

DVW: Chair of the Working Group 7 for Cadastre and Land Administration since 1993

FIG: German delegate to FIG Commission 7 since 1993

Since 1998 Chair of the Commission 7 Task Force on Standards in co-operation with the FIG Bureau's Task Force on Standards

Organiser of the FIG-Commission 7 Annual Meeting 2000 in Hamburg

Several Contributions to FIG Congresses and Symposiums

1. Definition of Standards for the content of cadastral data bases to provide a global geospatial data infrastructure with basic elements

Land administration provides a Land Information Service for an increasing number of customers dealing with land like politicians, planners, land owners etc. The cadastre (in some countries together with the legal land registration system) is the only official basic land information system in each country at least in most countries of the developed world. Cadastral systems in various forms are able to provide the society with information to land independent from the land administration system in each country. These very valuable data about the entire country may be used to serve as a part of a supra-national or even global geospatial data infrastructure.

It therefore seems to be helpful that FIG-Commission 7 tries to find out basic elements in each digital cadastral data base (DCDB) world-wide and then to develop guidelines for basic contents of DCDBs which are necessary for a global and a national geospatial data infrastructure. The Working Group should publish the results as best practise guidelines via Internet or/and a booklet. During the work a close contact to UNECE-WPLA and OGC as well as ISO/TC211 is necessary in order to find a wide range of agreement and acceptance of the results of the Working Group.

This definition of basic elements that should be found in each DCDB can be helpful for easier land transactions on an international level (e.g. European Union, Americas) as well for planning processes on a national or international level.

2. Modern technological developments and their impact to land administration systems

Database technology, data communication and process modelling are important factors in a fast and good working land administration process. These technologies are developing very fast and new technologies offer a wider range of services to the public. These new technologies may impact the modelling of new cadastral systems. 3D technologies, electronic conveyancing and other developments shall be taken into consideration by the working group.

As a result a further developed paper of Cadastre 2014 could be published by the Working Group.

3. Modern concepts for land administration systems

FIG-Commission 7 is very active in benchmarking cadastral systems world-wide. The results out of the current work are worth for a further development. Benchmarking can be understood as a part of a further quality management system. The Working Group of the period 2003-06 should extend their activities into this field and try to develop models for modern concepts for land administration systems.

These aspects will play an important role in the field of organisations of land administration in developed and developing countries. Adequate services for a good working land market should be both as efficient and effective as possible. Benchmarking therefore is an instrument to have a close look on the own system and to look if improvement may be possible by adopting some regulations or procedures from other countries.

These may include as well some research and publication of different boundary systems.