



ATHENS
WORKSHOP



Workshop Joint FIG Commissions 3 and 8
Athens – 13th and 14th December 2022



Collaboration and Synergy Across Generations: Young Surveyors in FIG Commission 3

Cemal Özgür Kivılcım, Chair Com3 WG 6 Geospatial Next

Leonardo Franchi,

Cromwell Manaloto,



Introduction

WORKSHOP AND ANNUAL MEETING
SPATIAL INFORMATION IN THE ERA OF DATA SCIENCE:
CHALLENGES AND PRACTICAL SOLUTIONS
NAPOLI 316 DECEMBER 2018

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

FIG FIG COMMISSION 3
Spatial Information Management

Home | Keynote Speakers | Objectives & Topics | Call for Papers | Registration | Venue | Hotels | Special support for young surveyors | Committees | Contact | Proceedings

Working Group 3.6 – Geospatial Next (Joint Working Group with Young Surveyors Network)

FIG Commission 3 - Spatial Information Management



"Commission 3 has the task of providing an international discussion and development forum to promote professional practice and standards in the field of Spatial Information Management."

In a highly interconnected world interoperability is an indispensable precondition for information exchange. Commission 3 considers interoperability to consist of legal interoperability (aligned legislation and legal meaning), organisational interoperability (coordinated processes), and technical interoperability. We focus mainly on technical interoperability of geospatial data: at system level (data exchange through networks, computers, applications, and web services), at syntactic level (common data formats defined for data encoding, decoding, and representation), at structural level (pre-defined data models, data structures, and data schemes), and at semantic level (common vocabularies). Spatial Data Infrastructures (SDI) provide 'a framework of policies, institutional arrangements, technologies, data, and people that enables the sharing and effective usage of geographic information by standardizing formats and protocols for access and interoperability.'

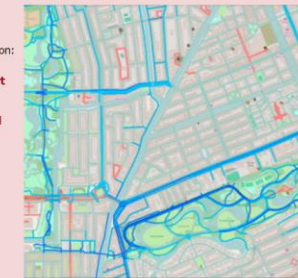
- General
- FIG Commission 3**
- Work Plan
- Activities
- WG3.1: Geospatial Information Infrastructure for Smart Cities
- WG3.2: Geospatial Big Data: collection, processing, and presentation
- WG3.3: User-Generated Spatial Content Empowering Communities
- WG3.4: 3D Cadastres
- WG3.5: GIS Tools for Spatial Planning
- WG3.6: Geospatial Next
- 3D Land Administration (3D Cadastre)
- All Working Groups
- Events
- News
- Library
- Terms
- Commission Officers & Delegates

What we do

For the term 2019-2022 FIG Commission 3 will be working on:

- **Geospatial Information Infrastructure for Smart Cities** (WG 3.1)
- **Geospatial Big Data: collection, processing, and presentation** (WG 3.2)
- **User-Generated Spatial Content Empowering Communities** (WG 3.3)
- **3D Cadastres** (WG 3.4)
- **GIS Tools for Spatial Planning** (WG 3.5)
- **Geospatial Next** (WG 3.6)

For the full work plan, please visit [Work Plan 2019-2022](#)
(Original work plan .pdf-format)



Introduction

Working Group 3.6 – Geospatial Next (Joint Working Group with Young Surveyors Network)

To maintain the link with the changing role of surveyor in the society based on the near future geospatial technologies and next generations within the scope of the Commission 3 Spatial Information Management.

The proposed working group will work to bring along a **synergy of young professionals into Com. 3 activities, an awareness of the new professional perspectives with good applications in industry**, with along Commission events and stand-alone activities. It should be also seen as a platform for the **continuum of the members of the new generation geospatial professionals who are aware of the society through various ways and FIG Young Surveyors Network and who are willing to take next level of experiences by contributing to FIG under Commission 3 topics.**


The events should be considered in digital and in physical forms.



My journey through FIG congresses

It's been a pleasure for me to take part of this amazing organization in three different events: Cluj, Oporto and Warsaw where I had the honor to be at the head of the session "Open geospatial data and crowd-sourcing" one of Commission's 3 Topic.

These events have given the opportunity to professionals from all over the world and from different working environments such as surveying, agricultural, horticulture, biotechnology and many others related jobs to come together, have an exchange and disclosure of their knowledge acquired over the years.

- 
- Cluj-Napoca, Romania
 - Porto, Portugal
 - Prato, Italy
 - Warsaw, Poland
-
- over the web



Cluj (Romania)

Cluj has been my first participation in an International Congress.

For the first time I have been in touch with the Third Commission of the FIG



Cluj (Romania)

Amazing experience in Cluj to have the opportunity of talking with Dott. Hartmut Müller, Chairman of FIG Commission 3.



Porto (Portugal)

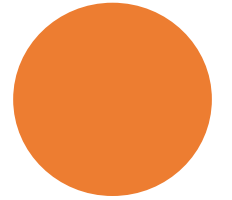
This is my first participation in Young Surveyors European Meeting.

An amazing experience where I had the opportunity to talk with guys from all over the world and from different ages and backgrounds.



Porto (Portugal)

After the conference we went to dinner where we had a pleasant exchange of knowledge and experiences from different parts of the world.



Warsaw (Poland)

My first experience as chairman in the session “Open geospatial data and crowd-sourcing” for Commission 3.

Where I had the pleasure to introduce brilliant researchers



Warsaw (Poland)

Enrico Davoli and Daniele Camele on their first participation in a FIG Congress.

We also participate at the “YSN Charity Dance: Polonaise and Krakowiak” on Sunday 11th, and learn the culture of the place with an eye for a better world.

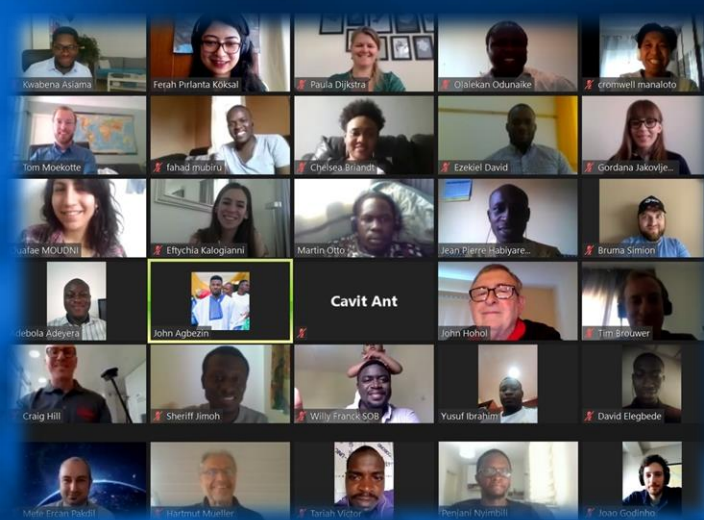


My personal conclusions.

All the knowledge acquired through this path motivates me and makes me proud, I hope we can continue like this for many years to come.

I would be pleased to continue this voluntary activity as I strongly believe in the association's aims.






5th FIG Young Surveyors Conference
Social Distancing Edition
 Reclaim the Future by Mapping the New World

Session 1: 09:00 UTC+8 Asia Pacific
 Session 2: 09:00 UTC+1 Europe and Africa
 Session 3: 09:00 UTC-3 Latin America
 Session 4: 09:00 UTC-6 North America

The FIG Foundation supported by     platform sponsored by 



Over the Web


FIG e-Working Week 2021
International Federation of Surveyors - FIG | Time Left 17h:55m

GA BREAKOUT - 3 Recording 9/9 28 Leave


Roshni Sharma


Kwabena Asiana


You


Narelle Underwood


Jacob Heck


Kate Fairlie



Punya OLI


Jennifer Whittal (@FIG...)


Jean Pierre HABIYARE...









FIG 6th Young Surveyors Conference
International Federation of Surveyors - FIG | Time Left 1d:7h:39m

Keynote: Facing Global Challenges in Times of a Pandemic

How to volunteer?

- To **promote** FIG in our personal professional environment
- To **participate** in FIG Working Weeks and Congresses
- To **encourage** and **motivate** others to participate in future FIG events and activities.
- **Be active for the FIG- Young Surveyors**
- To **participate** actively in the work of our Commissions, Working Groups, Networks, and Task Forces.
- To **assume responsibility** as the Officer of a Commission, Network or Task Force.
- To **support the next generation** of FIG members



LIVE

...and to the future...

Anca Nicoleta PavaloIU from Romania

- FIG Foundation Grant recipient in 2019 , gave the opportunity to participate at the 6 YS European Meeting in Porto- Portugal.
- Since 2019 I have been involved in many activities regarding YS Romania being a member of YS commission of UGR (Romanian Geodetic Union)
- In September 2019 in Romania- Cluj I was apart of the YS Session as co-chair at the 1 st edition of Romanian Surveying Week , and this event was also home of Commission 3 Annual Meeting and workshop themed “Advances in Geodata Analytics for Smart Cities and Regions”.
- In Romania we held the first YS Mentoring Session and Commission 3 attended it was a real support for us and this mentoring session was well recieved trough FIG , now we all know about FIG Mentoring Program.(So thank you Commission 3 for the real support and the presence at our first YS Session in Romania)



Anca Nicoleta Pavaloiu from Romania



- In March 2022 i organized the YS Session at the 2nd edition of at Romanian Surveying Week in Brasov, were I had the help of Cemal Özgür Kivilcim and Kwabena Obeng Asiana who were invited online to talk to students and young surveyors about FIG , FIG Commissions , FIG YSN and FIG Grants
- Between 11-15 September 2022 I participated in Warsaw at the XXVII FIG CONGRESS 2022, and YS Meeting on 10th of September. It was a unique experience where I have met friends and made new friends also. In Warsaw i was invited to take place as a rapporteur beside Leonardo Franchi as chair at the session : TS04C: Open Geospatial Data and Crowdsourcing.- Commission 3.
- On the 23rd. of September 2022 – The 8th International Summer School “ Land Surveying solutions for a digital world “ organized by The University of Agronomic Sciences and Veterinary Medicine of Bucharest (UASVMB) & The University of Bucharest (UB), I was invited by Prof. Vlad Paunescu , Secretary of UGR (– Romanian Geodetic Union) to organise the Young Surveyors Session, as an ex- member of Young Surveyors Commission of UGR , now a member of Commission 3 UGR, to talk about my experience in the past years as a surveyor , as member of UGR and also about my experience with FIG .
- I was lucky enough to have by my side the help of Claire Louise Buxton who gave us a video presentation of FIG Volunteer Community Surveyor Program , and Ferah Pirlanta Köksal that presented the FIG YS Network , FIG Mentoring Program and also CLGE and encouraged students to be active in FIG Network.



Anca Nicoleta Pavaloiu, Romania



Now I am a member of Commission 3 UGR (Romanian Geodetic Union) , and not a FIG Young Surveyor anymore
I have two questions in my mind:

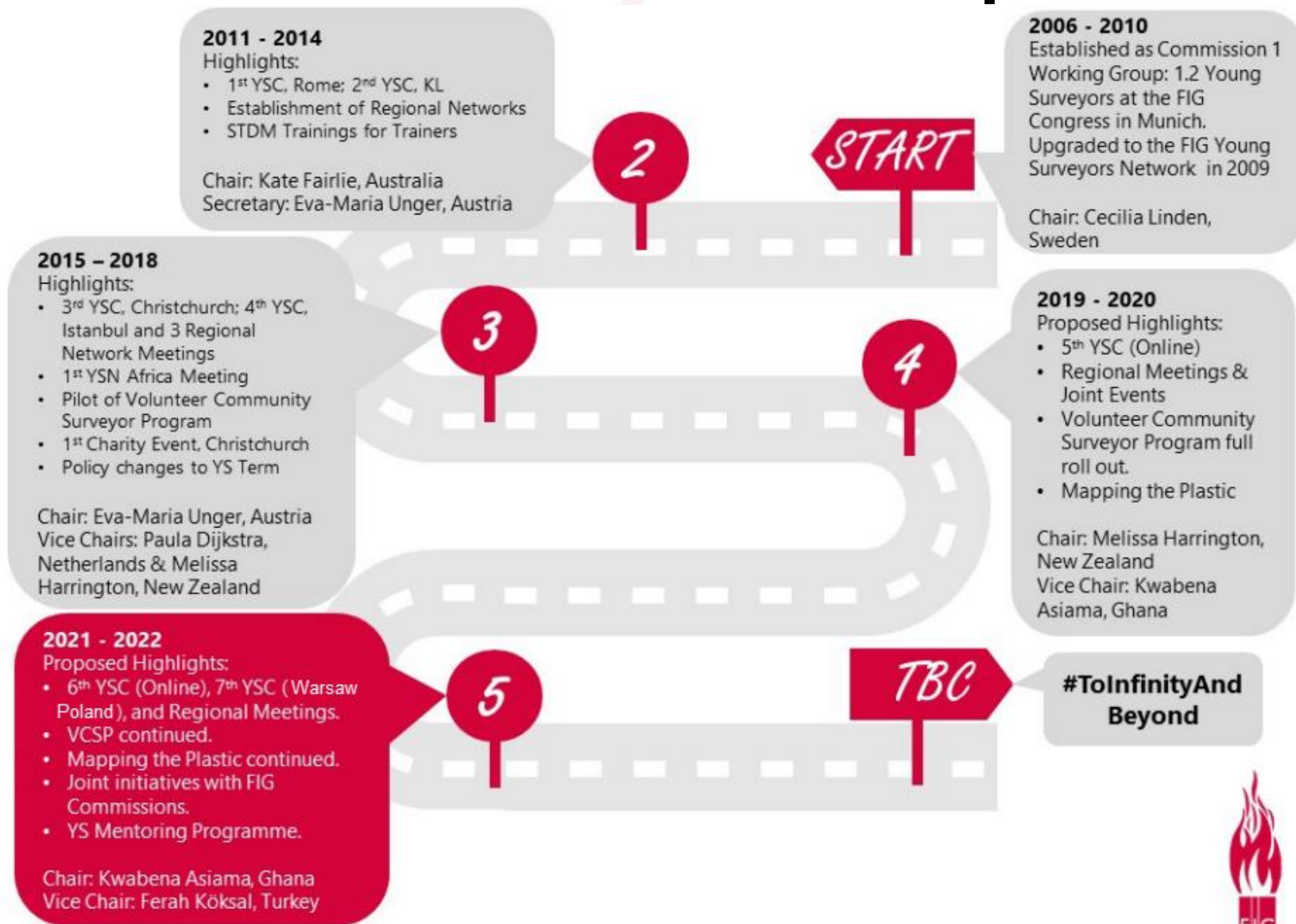
- What I can do more for FIG and Commission 3 ?
- How can more surveyors can be involved in FIG more?



Claire Buxton, Canada (VCSP)



FIG YSN Road Map



7th FIG Young Surveyors Conference

Volunteering for the Future: Smart Surveyors for Social Good



10-11th Sept. 2022



Warsaw, Poland

7YSC - Opening Ceremony



Opening of the conference by Dr Wioleta Krupowicz,
Local Representative of 7YSC



Welcome of conference participants by Diane Dumashie,
FIG President for the 2023-2026 term

FIG Young Surveyors Network Officers 2020-2022



Kwabena Obeng Asiama
Chair
(Ghana/Germany)

Member Associations:



*German Society for
Geodesy, Geo-information
and Land Management*



*Ghana Institution of
Surveyors (GHIS)*

Background: Valuation
and Estate Surveying



Ferah Pırlanta Köksal
Vice-Chair (Administration)
(Turkey)

Member Association:



*Chamber of Surveying and
Cadastre Engineers of
Turkey*

Background: GIS and
remote sensing

FIG Young Surveyors Network Officers 2023-2024



Ferah Pirlanta Köksal
Chair
(Turkey)

Data Partnership & Acquisition
Manager, TR Country Lead
@ HERE Technologies.

Member Association:



Background: GIS and
remote sensing



Shirley Tendai Chapunza
Vice-Chair (Administration)
(Zimbabwe)

Research Assistant,
Midlands State University.

Member Association:



Background: Land
Administration, GIS
and Remote Sensing



What is next?



- ❖ FIG WORKING WEEK 2023, 28 May – 1 June, 2023

Orlando, Florida, USA.

“Preserving Our Heritage – Conquering New Frontiers”

8th FIG Young Surveyors Conference

YS Sessions and Activities during the Working Week

- ❖ 7th FIG Young Surveyors European Meeting, October 2023

Berlin, Germany.

Prior to InterGeo 2023

Work in progress...



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The journey continues..

