

FIG Commission 2 Newsletter

June 2016

What to expect in this newsletter:

1. FIG Working Week in Christchurch, New Zealand, May 2016
2. Academic Members Working Group VGGT
3. Work on the Publication
4. Young Surveyors
5. Preparations for the FIG Working Week in Helsinki, Finland, May 29 – June 2, 2017
6. Upcoming events

1. FIG Working Week in Christchurch, New Zealand, May 2016

Overview of activities of Commission 2 during the Fig Working Week in Christchurch:

1. Commission 2 Annual Meeting, 04.05.2016
2. FIG Commission 2 Diner together with FIG Commission 2, 04.05.2016
3. Technical Sessions
4. Academic Members Forum
5. FIG Foundation Meeting

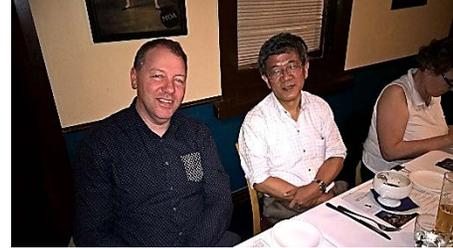


1.1. Commission 2 Annual Meeting

Unfortunately few people attended (Prof. Yoshiro, John Hannah, Elena Rangelova and Paula Dijkstra) . This was also noted in other Commission Meetings. Suggested is to think about another form for the Commission Meetings. For example a speed dating or 'open market' event with all the commissions: 1) introduce all the commissions to newcomers within FIG and YS; opportunity to join and 2) plan separate commission meetings with the working group chairs and active members.

1.2. FIG Commission 2 Diner together with FIG Commission 1

As always, we had a nice and lively Commission dinner together with Commission 1. A big group of people and partners. Many of those who could not join the annual meeting were present at the diner.



1.3 Technical Sessions

Initially FIG Commission 2 had 4 technical sessions. With the Working Week approaching many presenters withdraw and a lot of rescheduling took place. Finally we had the following two technical sessions: TS02G Enhancing Surveying Education and TS05G Teaching and Learning for the Future. We had great sessions with a large diversity of topics ranging from Holistic Thinking towards BIM. We could also welcome some Young Surveyors in our sessions. The chairs and rapporteurs contributed greatly to the success of our technical sessions. Therefore many thanks to Vasily Nilipovskiy, Francis Roy and John Hannah.

TS02G – ENHANCING SURVEYING EDUCATION

TUESDAY, 3 MAY 16:00–17:30
VENUE: TERROR OF LOVE LOUNGE 2, ADDINGTON RACEWAY, LEVEL 3
COMMISSION: 2
CHAIR: MR. VASILY NILIPOVSKIY, RUSSIAN FEDERATION
RAPPORTEUR: MR. FRANCIS ROY, CANADA

Siti Hasliah Salleh, Nor Ashikin Mohamed Yusof, Durrisshah Idrus and Azleen Mohd Zain (Malaysia):
 A Conceptual Study On Criteria and Indicators of Preparedness For First Responders Towards Disaster (8029)

Michael Nietschke, Paul Corcoran, David Bruce and Scott Allen (Australia):
 Sustainable Surveying Education In South Australia (8101)

Lauren Vathje, Elena Rangelova, Marjan Eggermont and Robert Brennan (Canada):
 Understanding Impacts and Professional Obligations to Society: Preparing Geomatics Engineers for the 21st Century (8281)

Neneang Fenti Fatimah, Mohammad Adliyaharman Sulistio Ardjo and Astri Aulia Satrianty (Indonesia):
 Earthquake Disaster Response Preparation for Schoolchildren in Metropolitan Bandung, Indonesia (8389)

TS05G – TEACHING AND LEARNING FOR THE FUTURE

WEDNESDAY, 4 MAY 16:00–17:30
VENUE: TERROR OF LOVE LOUNGE 2, ADDINGTON RACEWAY, LEVEL 3
COMMISSION: 2
CHAIR: MR. JOHN HANNAH, NEW ZEALAND
RAPPORTEUR: MS. LIZA GROENENDIJK, NETHERLANDS

Aune Rummukainen (Finland):
 Distance Learning in the Education of Surveying Engineers (8089)

Brett Bruce and Jasbir Randhawa (Australia):
 The AHSCP Certification Scheme – Achievements and The Future (8145)

Peter Musyoki Ngau and Jasper Ntwiga Mwendu (Kenya):
 Training Providers In Capacity Development for Major Land Reforms and Land Policy Implementation at Country Level (8196)

Gooff O'Malley (New Zealand):
 Innovative Learning and Teaching to Grow Geospatial Capability In New Zealand (8217)

Craig Matthew Hancock, Llewellyn Tang, Ruoyu Jin, Huib De Lig and Luke Allan (China, PR):
 Building Information Management and Modelling Teaching in Geospatial Engineering, Civil Engineering and Architecture (8290)

Yoshiro Nakahori (Japan):
 Experimental use of WebClass (8316)

Njike Chigbu and Veronica Okoye (Nigeria):
 Developing Capacity for Land Reforms to Geo-spatial competencies and Education (8353)

Christian Ciemen (Germany), Eugene McGovern and Avril Bohan (Ireland):
 Teaching BIM to Geomatics Students (8384)



1.4. Academic Members Forum

'Strengthening land governance in professional surveying curricula and academic research' was chosen as the theme of FIG Academic Members Forum during the FIG Working Week in Christchurch. A major tool to achieve good land governance are *The Voluntary Guidelines on the Responsible Governance of Tenure of Land, Fisheries and Forests in the Context of National Food Security (VGGT)*. FIG works closely together with FAO within the framework of implementing the VGGT and in particular does the FIG Academic Members Forum.

An online meeting was organised together with FAO to prepare for the session in Christchurch. During the Academic Members Forum in Christchurch, it was decided to form an FIG Academic Members Working Group to explore the VGGT in relation to the surveying practice.

1.5. FIG Foundation

Traditionally the chair of FIG Commission 2 is member of the Board of the FIG Foundation. The annual Board of Directors Meeting took place on 4th of May.

The FIG Foundation supports the Young Surveyors. They are the future of the profession and it is important that they are involved in FIG events. One of the board members expressed his concern that the Young Surveyors should communicate better the immediate and long term impacts of their meetings, both measurable and process type impacts. Others argued that the impact of the Young Surveyors on the FIG as a whole is very positive and refreshing. They bring in new spirit.

Another area supported by the FIG Foundation are research programmes in land surveying in developing countries. Therefore academic research grants (up to 30,000 euros spread over three years) and PhD Scholarships (of up to 4,000 euros) are being provided. However, the results of the applications are have been very disappointing. The quality of proposal writing is considered extremely poor. The Foundation is thinking of preparing a video on how to write proposals for these grants.

1.6. Certificates of Appreciation

Buddhi Narayan Shrestha, president of the Nepal Institution of Chartered Surveyors (NICS) and chair of the steering committee of the Nepal Commission 2 Workshop, and Ganesh Prasad Bhatta, chair of the organising committee of the Nepal Commission 2 Workshop have been awarded with a FIG Certificate of Appreciation.

1.7. Welcome to the following new members

- Dr. Elena Rangelova, School of Engineering, University of Calgary, Canada, Working group 2.1.
- Prof. Dr. Walter de Vries, Technical University Munich, Working Group 2.2.
- Yoshiro Nakahori, Visiting Prof. Saitama University, Department of Civil Engineering, Consultant, Japan Association of Surveyors, Working Group 2.2. (reconfirmed his active membership)

2. Academic Members Working Group VGGT

During the FIG Working Week in New Zealand the FIG Academic Members Working Group 'Exploring the VGGT in Practice' was created. The aim of the working group is to identify the role of the surveying and land professional in the implementation of the VGGT by assessing practical examples of VGGT implementation in different countries.

FIG Academic Members Working Group		
Academic Member	Institution	E-mail
Walter de Vries	Technische Universität München, Germany	wt.de-vries@tum.de
Chethna Ben	School of Land Management and Development, Faculty of Business and Economics, FIJI	chethna.ben@usp.ac.fj
Mohsen Kalantari	Melbourne School of Engineering, Australia	mohsen.kalantari@unimelb.edu.au
Liz Groenendijk	ITC -University of Twente, The Netherlands	e.m.c.groenendijk@itc.nl

The working group meets every two week online (Skype) and is developing their strategy and working procedure for an exploratory study. The working group intends to present the first outcome of their exploratory study during the FIG Working Week in Helsinki. FAO will support the FIG Academic Members in this initiative.

3. Publication

Both Working Group 2.1 and Working Group 2.2. have come up with a proposal for a publication: WG. 2.1.: Enhancing the role of surveyors: The need for a new and broadened curriculum, and WG 2.2.: Good Practice in Teaching Surveying and Land Management. It has been proposed to produce a joint publication. The two proposals have in common that they focus on surveying education taking into account the new roles and challenges for the surveyor. It contributes to the Commission’s focus area 4: Towards Educating the Land Professional.

During 2016, the Working Groups 2.1 and 2.2. will come up with a joint proposal, including the main structure for the publication. Based on that, a plan of action with task descriptions for the contributing authors will be proposed. Given the theme of the publication, FIG Commission 7 will be contacted for their interest and support. Dr. Fahria Masum, chair of working group 2.1. will take the lead and come with a proposal.

FIG Commission 2 Publication		
Member	Institution	E-mail
Dr.-Ing. Fahria Masum	ITC – University of Twente (as per 15.08.2016)	fahriaurp@yahoo.com
Dr. Audrey Martin	Dublin Institute of Technology (DIT)	audrey.martin@dit.ie
Dr. Reinfried Mansberger	University of Natural Resources and Life Sciences (BOKU)	mansberger@boku.ac.at
To be completed/updated		

4. Young Surveyors

From 7 – 9 June 2016 the Young Surveyors Network organised the 4th Young Surveyors European Meeting in Amsterdam. On behalf of the FIG President Chryssy Potsiou the chair of FIG Commission 2 addressed the participants during the opening session. On the picture Eva-Maria Unger (Austria) and Paula Dijkstra (The Netherlands), the pillars of the YSN.



5. Upcoming events

In the next overview you find a summary of the events that I am aware of we are going to work on. Please let me know if you are thinking of planning an FIG event. Unfortunately this year we could not have the meeting in Dublin. But still an attractive option!

FIG Commission 2 Event Calendar 2016 - 2017		
Event	Place	Time
FIG Working Week	Helsinki, Finland	29.05 – 02.06.2017
FIG Commission 2 Session at INTEGEO	Berlin, Germany	19 -21.09.2017
FIG Commission 2 Workshop at East African Land Administration Network (EALAN) Meeting	Nairobi, Kenya	2017, to be decided

6. Preparations FIG Working Week in Helsinki, Finland, May 29 – June 2, 2017

The preparations for the FIG Working Week in Helsinki, Finland, have started. The overall theme of the Working Week is "Surveying the world of tomorrow - From digitalisation to augmented reality". FIG Commission 2, Professional Education, has proposed the following topics for the technical sessions:

- 3-D and BIM in the curriculum
- Teaching the new surveyors: smart surveyors, para surveyors and the crowd
- Innovative learning and teaching
- Demand for and supply of Professional Education
- Accreditation and Quality Assurance

