

FIG Commission 2 Newsletter

June 2015

What to expect in this newsletter:

1. Nepal Earthquake and FIG Commission 2 Workshop in Nepal in 2015
2. Report of the FIG Working Week, 17-21 May 2015
3. Preparations FIG WW in New Zealand in 2016
4. FIG Commission 2 Work plan 2015 - 2018
5. New FIG Commission 2 active members
6. Distribution of tasks
7. Chair-elect FIG Commission 2
8. Upcoming events

Nepal Earthquake and FIG Commission 2/ISPRS Workshop Kathmandu, November 2015

In the weeks before the FIG Working Week in Sofia, Nepal has been hit by two severe earthquakes. While preparing for the FIG Commission 2/ISPRS joint workshop in November, the local organisers were confronted with this dramatic situation and its consequences for their families and livelihoods. FIG Commission 2 wishes the Nepalese local organising committee, and the organisations they represent, all the strength needed to overcome this difficult situation. Special thoughts are with our Nepalese FIG Commission 2 member, Working Group 2.1: Reshma Shrestha.

The local organising committee guided by Ganesh Prasad Bhatta, Deputy Director General, Survey Department, Ministry of Land Reform and Management, Government of Nepal, expressed the intention to continue with the organisation of the FIG Commission 2/ISPRS workshop in November. Suggestions to change the focus of the workshop have been considered. Given the situation in Nepal, disaster recovery, post disaster reconstruction planning and the role of geo-information are proposed new themes. The workshop title has changed in 'Role of Land professionals and SDI in Disaster Risk Reduction in the context of the Post 2015 Nepal Earthquake': <http://www.workshopnepal2015.com.np/>. You are all invited to join and contribute.



Report FIG Working Week, Sofia, Bulgaria, 17-21 May 2015

Overview activities by FIG Commission 2 during the FIG Working Week in Sofia

1. Commission 2 Annual Meeting, Monday 18 May, 18.00 – 19.00
2. The Commission 2 diner on Tuesday 19 May, 20:00. Organized together with FIG Commission 1.
3. TS04F - Innovative Approaches in Teaching and Learning: Tuesday, 19 May 14:00–15:30
4. TS05F - Training New Generations: Tuesday, 19 May: 16:00–17:30
5. TS06F - Joint Commission 1 and 2 Session on Capacity Needs and Continuous Professional Development: Wednesday, 20 May 11:00–12:30
6. Academic Members Forum 1. Research to support the surveyor of tomorrow: Wednesday 20 May: 11.00 – 12.30
7. Academic Members Forum 2. OICRF and knowledge management in FIG. Wednesday 20 May: 14.00 – 15.30



See: http://www.fig.net/resources/proceedings/fig_proceedings/fig2015/techprog.htm

Suggestions from audience during the General Assembly 17.05.2015:

- Training 'Fit-for-purpose' surveyors: inventory, requirements and training needs, recognition/licencing
- Online learning tools and videos; FIG promotion videos
- Mentoring new academic members (universities)

Impression Commission 2 Annual Meeting:

Monday 18.05.2015	
Key highlights	Two enthusiast new Commission members could be welcomed One even offering to organize a workshop!
Key discoveries	The importance of a commission on professional development and the highly motivated people that joined; That a chair can have his/her focus areas, but the participants might bring in totally different for them urgent issues. For example <ul style="list-style-type: none"> • the declining numbers of students • no need to focus on vocational education; more and more the surveying education is at polytechnic level
Exiting moments/texts	Presence of a group of about 10 dedicated people attending the meeting.

Impression Technical Session TS04F Innovative Approaches in Teaching and Learning:

Key highlights	High level of presentations Highly relevant issues being addressed The series of very motivating games used in the practical fieldwork of the Geomatic's education at the University of the Andes, Bogota, Colombia. Presentation by YS.
Key discoveries	Blended and e-learning very much part of the agenda of the programs at Universities and Poly-technics; Role of commercial software behind these approaches (Coursera) The importance of education – business linkage and attempt to bridge the gap.
Exiting moments/texts	The games developed for the program in Bogota was based on the input from students. And therefore appreciated.



Impression Technical session TS05F Training New Generations:

Key highlights	The life-long-learning program at Boku, Vienna, Austria. Nice good practice example. Presentations by YS.
Key discoveries	The importance of a continuum of geomatics' or geo-education: from small children having access to education towards life-long-learning. Problem of decreasing student number also relevant in Japan and not only in Europe. The continuing efforts to create awareness of the geomatic's or geo-education in Europe to attract students.
Exiting moments/texts	The dilemma of the surveyor: many new fields of application, many new technologies for different surveying fields, including even fit-for-purpose surveying. And this presented by a practice surveyor.



Impression Technical Session TS06F Joint Commission 1 and 2 Session on Capacity Needs and Continuous Professional Development:

There were 6 papers in session ranging across 3 continents: Asia, Europe and Africa and all attendees at this session were invited to participate in WG 2.2 in the future.

Key highlights included the investment in Human Resources in both Sweden and The Netherlands. In the Lantmäteriet in Sweden significant resources have been set aside to ensure a sustainable recruitment process. These include mentoring programmes with industry, surveying ambassadors and defining relevant research for industry, whereas in The Netherlands emphasis has been placed on defining best practise in training development for current surveyors.

Key discoveries included the development of a new Certification Programme in Malaysia in Underground Utility Detection which merges elements from electricity, geophysics and mapping. In addition, the trials and tribulations of the Botswana Surveying and Mapping Association emergence were outlined.

A passionate presentation from our Nigerian colleague outlined the importance of engaging the young and marketing the profession to the youth in Africa to ensure a future of the profession.

FIG Commission 2 Work plan 2015 – 2018

- FIG Commission 2 Professional Education Work plan 2015 – 2018 is available online. See: <http://www.fig.net/organisation/comm/2/index.asp>
- Working Group Chairs are invited to develop further their plans together with their WG members. To be presented at the next FIG Commission 2 event.
- Each working group chair is invited to organise a Workshop during the term 2015 – 2018.

Preparations FIG WW in New Zealand in 2016

- FIG Working Week in Christchurch, New Zealand, 2-6 May 2016, <http://www.fig.net/fig2016/>
- FIG Commission 2 themes for the WW 2016:
 - Recovery from Disaster: enhancing the surveying core body of knowledge.
 - Professional education in natural hazards and disaster management
 - Innovative learning and teaching
 - Demand for and supply of Professional Education
 - Accreditation and Quality Assurance
- Deadline for authors to submit non peer reviewed **abstracts: 15 November 2015**
- Deadline for authors to submit **full papers** for peer review: **20 October 2015**

New members and their interests

- Bertrand Merminod: Working group 2.2. Innovative Learning and Teaching
- Fabian Thiel: Working group 2.2. Innovative Learning and Teaching

Distribution of tasks

- Fahria Masum will support the chair with administration: contact all commission delegates; keep lists and overviews; website; etc.
- Commission delegates with an interest to contribute to particular activities or with suggestions for improvements of the Commission's activities, please feel free to contact the chair.

Chair-elect FIG Commission 2

- During the 2016 WW in Christchurch, New Zealand, a new chair-elect for FIG Commission2 will be nominated. Candidates can express their interest through their national associations and contacting the FIG Office and/or FIG Commission 2 chair.

Upcoming FIG Main Events

- FIG Working Week in Helsinki, Finland, 29.05 – 02.06.2017
- FIG Congress in Istanbul, Turkey, 06.05 – 11.05.2018
- FIG Working Week 2019 will be organised in Vietnam.

Upcoming FIG Commission 2 Events

- FIG Commission 2/ISPRS International Workshop: Role of Land professionals and SDI in Disaster Risk Reduction in the context of the Post 2015 Nepal Earthquake. 25-27 November 2015, Kathmandu, Nepal. <http://www.workshopnepal2015.com.np/>.
- From 28 to 30 October in Kuala Lumpur, Malaysia, the Joint International Geoinformation Conference 2015 will be held. FIG Commission 2, Working Group 2.4 chaired by Prof. Alias Abdul Rahman, is organizing a special session on Geomatic Education during this international Conference in Malaysia. <http://www.geoinfo.utm.my/jointgeoinfo2015/>
- June 2016 The Dublin Institute of Technology (DIT) is intended to host an FIG Commission 2 Workshop organised by Working Group 2.2. Innovative Learning and Teaching, chaired by Audrey Martin. The workshop is planned in connection to the DIT eLearning Summer School.



Text: Liza Groenendijk, Audrey Martin

Photos: Fahria Masum, Liza Groenendijk

Date: 18.06.2015