

FIG Commission 2 Annual Report 2015

General Assembly FIG WW in Christchurch, New Zealand.

Introduction

FIG Commission 2 is the domain of professional surveying education. The traditional core areas for the commission are: 1) curriculum and core surveying body of knowledge, 2) teaching and learning methodology, 3) marketing and management of professional education and 4) accreditation and quality assurance. For its term 2015 – 2018 these core areas are being addressed by the four following working groups:

- Working Group 2.1 – Towards educating the land professional
- Working Group 2.2 – Innovative learning and teaching
- Working Group 2.3 – Demand for and supply of Professional Education
- Working Group 2.4 - Accreditation and Quality Assurance

All working groups work together to contribute to the FIG Commission 2 focus areas for its term 2015 – 2018:

1. Becoming an active Commission
2. Professional education world-wide
3. The chain of professional surveying education
4. Towards educating the land professional

Traditionally Commission 2 has a leading role in the Academic Forum. The Academic Forum is the platform for FIG Academic Members. FIG Commission 2 further supports the FIG Young Surveyors Network, the OICRF and participates in the FIG Foundation.

Highlights 2015

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

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

- Commission 2 Annual Meeting
- The Commission 2 diner organized together with FIG Commission 1
- Three technical sessions:
 1. Innovative Approaches in Teaching and Learning
 2. Training New Generations
 3. Capacity Needs and Continuous Professional Development (with Commission 1)
- Academic Members Forum 1.
 - Research to support the surveyor of tomorrow.
- Academic Members Forum 2.
 - OICRF and knowledge management in FIG.

See for a complete report: FIG Commission 2 Newsletter, June 2015



Kathmandu, Nepal, FIG Commission 2 – ISPRS Commission IV Workshop,
25-27th November 2015
<http://www.workshopnepal2015.com.np>

A major event for FIG Commission 2 was the Workshop in Nepal. Kathmandu was from 25 – 27th of November 2015 the host of the International Workshop on the Role of Land Professionals and SDI in Disaster Risk Reduction in the context of Post 2015 Nepal Earthquake. The workshop was an initiative of FIG Commission 2 together with ISPRS Technical Commission IV, and was supported by FIG Commission 7. Over 300 participants attended this successful workshop organized by the Nepal Institution of Chartered Surveyors (NICS) and the Nepal Remote Sensing and Photogrammetric Society (NRSPS). Former FIG President Chee Hai Teo attended the workshop and addressed the audience. Dr. Donald Grant represented FIG Commission 7 as one of the plenary speakers.

With its focus on the Post 2015 Nepal Earthquake, this FIG –ISPRS Workshop in Nepal was a kind of pre-event of the upcoming FIG Working week in New Zealand . The contribution of Alistair Greig and Christofer Pearson from New Zealand was therefore much appreciated.

The chair of the local organizing committee, Ganesh Prasad Bhatta, did a tremendous job. It was proposed to award him with a ‘kind of honourable membership’ of our FIG Commission 2. After consultation with the FIG office this will be a FIG Certificate of Appreciation.

One of the papers presented at the FIG – ISPRS International Workshop in Kathmandu, Nepal, in November 2015, was selected as the FIG article of the Month January 2016 and was written by Reshma Shrestha, vice-chair of Working Group 2.1.

http://www.fig.net/resources/monthly_articles/2016/shrestha_etal_january_2016.asp



General activities

Network Database update: with the help of an intern Fahria Masum updated the list of academic institutions/departments in field of land management and land administration.

Website update: Fahria Masum checked the emails addresses of FIG academic members/ delegates/ commission members and gave the list to Claudia/Hanne to update the website.

The FIG Commission 2 Newsletter June 2015 was published with the latest updates and the report of the FIG Working Week in Sofia, Bulgaria.

http://www.fig.net/organisation/comm/2/activities/newsletters/Newsletter_June_2015.pdf

FIG Commission 2 has been requested to increase to involvement of Arab countries. Fahria Masum is in contact with Willi Zimmermann in order to see what can be done. It has the attention by the commission.

Reports from the Working Groups

Working Group 2.1 – Towards educating the land professional

Chair: Dr.-Ing. Fahria Masum (Germany): masum@landentwicklung-muenchen.de

Co-chair: Reshma Shrestha (Nepal) (shrestha19012@itc.nl);

Co-chair: Gordon Wayumba (Kenya) (gowayumba@gmail.com)

This working group supported the organization of the FIG Commission 2 – ISPRS Commission IV Workshop, 25-27th November 2015, in Kathmandu, Nepal. In particular Reshma Shrestha played a key role in facilitating and supporting the local organizing committee and therefore contributed highly to the success of this great event for Commission 2.

The chair of the working group Fahria Masum developed a concept note for an FIG Commission 2 publication: 'Enhancing the role of surveyors: The need for a new and broadened curriculum'. Also Working Group 2.2. has a similar initiative and a joint publication will be proposed.

New members joined the working group: Fabian Thiel and Eugene Chigbu.

Working Group 2.2 – Innovative learning and teaching

Chair: Dr. Audrey Martin, audrey.martin@dit.ie

This working group worked together online and came up with a proposal for a publication. Audrey Martin together with Reinfried Mansberger proposed producing a FIG publication entitled 'Good Practice in Teaching Surveying and Land Management'. An initial draft have been send to the working group members and to Working Group 2.1.

The Working Group intended to have a workshop in Dublin in June, 2016. But this got not much support by the FIG office as it might diminish the numbers able to afford to travel to the FIG Working Week in Christchurch New Zealand. So preparations have not started.

Working Group 2.3 –Demand for and supply of Professional Education

Chair: Dr. Nadezda Kamynina (kamyninan@gmail.com)

Online communication and support to Commission 2 in general.

No special events by Working Group 2.3 for 2015. More activities expected in 2016.

Working Group 2.4 - Accreditation and Quality Assurance

Chair: Prof. Alias Abdul Rahman (alias.fksg@gmail.com)

During the Joint International Geo-information Conference 2015 held from 28 to 30 October in Kuala Lumpur, Malaysia, Professor Alias Abdul Rahman organized a special session on Geomatic Education as part of an FIG Commission 2 event. Papers addressed the following subjects: geomatic education; geoinformatic education; programme accreditation and professional and industry related programs and courses. During this important conference the FIG Track hosted two sessions, each with 5 papers in the domain of geomatics education (and contributing to the work of WG 2.1. as well). A great achievement of Professor Alias Abdul Rahman, who was at the same time, and in a more important role, the chairman of the organising committee of the JIGI Conference. Congratulations from FIG Commission 2 with this major achievement.



Program: <http://www.geoinfo.utm.my/jointgeoinfo2015/program.html#FIG1>

Abstracts: <http://www.geoinfo.utm.my/jointgeoinfo2015/download/JIGAbstractBook.pdf>

Certificates of Appreciation

A proposal has been forwarded to the FIG Secretariat to award Buddhi Narayan Shrestha, president of the Nepal Institution of Chartered Surveyors (NICS) and chair of the steering committee of the Nepal workshop, and Ganesh Prasad Bhatta, chair of the organising committee of the Nepal Workshop with a Certificate of Appreciation.

Young Surveyors

FIG Commission 2 supported the FIG Young Surveyors Network. During the working week in Sofia we participate in some sessions. During the workshop in Nepal the FIG Young Surveyors Network, under the guidance of Eva Maria Unger and Paula Dijkstra organized a special session for the Nepalese young surveyors, which was attended by more than 50 participants. Commission 2 was involved in the organisation and implementation. In groups, four disaster risk reduction 'tools' were proposed and elaborated and 'pitched' in a so-called market place. The winning tool 'a format for standardized hashtags for location-based social media posts for post-disaster information management' will be presented at the FIG Working Week in New Zealand.

FIG Foundation

On behalf of FIG Commission 2 the chair participated in the Meeting of the FIG Foundation during the FIG Working Week in Sofia. She further participated in the discussions and decisions regarding requests for FIG grants. Further information in the FIG Foundation annual report.

Planning 2016

Joint Publication

Both Working Group 2.1 and Working Group 2.2. came up with a proposal for a publication:

WG. 2.1.: Enhancing the role of surveyors: The need for a new and broadened curriculum

WG 2.2.: Good Practice in Teaching Surveying and Land Management

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. It has been proposed to produce a joint publication.

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.

Working Group 2.1 – Towards educating the land professional

Dr. Fahria Masum has been in contact with Prof. Thöne, president of The German Society for Geodesy, Geoinformation and Land Management (DVW). He is interested to arrange a workshop on behalf of FIG Commission 2 in co-operation with DVW. It was suggested to arrange a workshop on 'new role of surveyor and professional education' during the upcoming INTEGEO 2017 in Berlin, taking place September 19-21. Fahria has developed a Concept Note for the workshop. This will be discussed in the DVW's annual meeting in March.

With Gordon Wayumba, Technical University of Kenya, ideas have been exchanged for an FIG Commission 2 workshop in 2017 next to the yearly meeting of the East African Land Administration Network (EALAN). He will explore this possibility further and a decision will be made as soon as we know where the next EALAN meeting will take place. The intention is to have it in Nairobi, Kenya.

Working Group 2.2 – Innovative learning and teaching

As discussed last year the idea of a Workshop in Dublin was not seen as financially viable for many due to the costs of attending the FIG Working Week in NZ. However, the working group and the chair of FIG Commission 2 would like to reconsider the decision. Most FIG Commission 2 members do not travel to New Zealand and therefore we will not meet there.

In order to have an FIG Commission 2 meeting it is worthwhile (re-)considering to organise a small event in Dublin where most of our membered could meet. Dr. Aubrey Martin remains willing to organise such an event at DIT. It is therefore proposed to organise an FIG Commission 2 Meeting in Dublin with the main aim of putting a the ideas for the FIG Commission 2 Publication together and develop a work plan.

Working Group 2.3 –Demand for and supply of Professional Education

Will be involved in the joint publication. Role in organizing online Commission Meetings.

Working Group 2.4 - Accreditation and Quality Assurance

Will be involved in the joint publication. Represent Asian-Pacific region.

FIG Commission 2 Event Calendar 2016		
<i>Event</i>	<i>Place</i>	<i>Time</i>
FIG Commission 2 Pre - WW Meeting WG Chairs	Online	April 2016
FIG Working Week <ul style="list-style-type: none"> • Technical sessions (3) • Academic Forum 	Christchurch, New Zealand	2-6 May 2016
FIG Commission 2 Meeting	Dublin, Ireland	End May/June or Sept/Oct 2016