

**Report to the 40<sup>th</sup> General Assembly  
FIG Working Week 2017, Helsinki, Finland**

**FIG Commission 2 – Professional Education**

**Report of Activities 2016**

**1. General**

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.

**2. Working Groups**

**2.1 WG Towards educating the land professional**

Chair: Dr.-Ing. Fahria Masum (Germany): ([fahriaurp@yahoo.com](mailto:fahriaurp@yahoo.com))

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

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

Working Group 2.1 and Working Group 2.2. have joined forces to come up with a proposal for an FIG Publication. A paper dedicated to this publication will be presented during the FIG Working Week in

Helsinki: 'Enhancing the role of surveyors: bridging the gap between demand for and supply of professional education'. Dr. Fahria Masum, chair of working group 2.1. will take the lead and come with a proposal.

FIG Commission 2 Publication Team		
Dr.-Ing. Fahria Masum	Technische Universität München, Germany/between jobs	<a href="mailto:fahriaurp@yahoo.com">fahriaurp@yahoo.com</a>
Dr. Audrey Martin	Dublin Institute of Technology (DIT)	<a href="mailto:audrey.martin@dit.ie">audrey.martin@dit.ie</a>
Dr. Reinfried Mansberger	University of Natural Resources and Life Sciences (BOKU)	<a href="mailto:mansberger@boku.ac.at">mansberger@boku.ac.at</a>
Liza Groenendijk	ITC -University of Twente, The Netherlands	<a href="mailto:e.m.c.groenendijk@utwente.nl">e.m.c.groenendijk@utwente.nl</a>

Several WG 2.1. members have been very actively involved in the work of the Academic Forum (see item 3).

## **2.2 WG Innovative learning and teaching**

Chair: Dr. Audrey Martin, [audrey.martin@dit.ie](mailto:audrey.martin@dit.ie)

Unfortunately we had to cancel the planned FIG Commission 2 meeting and workshop in Dublin, Ireland, to be organised by the Dublin Institute of Technology. It was considered to be too close near the FIG Working Week in New Zealand. Other options appeared not to be feasible as most of the active Commission 2 members could not attend. We therefore decided to postpone it.

WG 2.2 works in close cooperation with WG 2.1 on the publication: Enhancing the role of surveyors: bridging the gap between demand for and supply of professional education.

## **2.3 WG Demand for and supply of Professional Education**

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

Online communication and support to Commission 2 in general.

No special events by Working Group 2.3 for 2016. More activities expected in 2017 and participation in the FIG Commission 2 Publication.

## **2.4 WG Accreditation and Quality Assurance**

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

Like in 2015 Professor Alias Abdul Rahman organised a Commission 2 session on Geomatic Education within the GGT 2016 International Conference in Kuala Lumpur from 3 - 5 October 2016

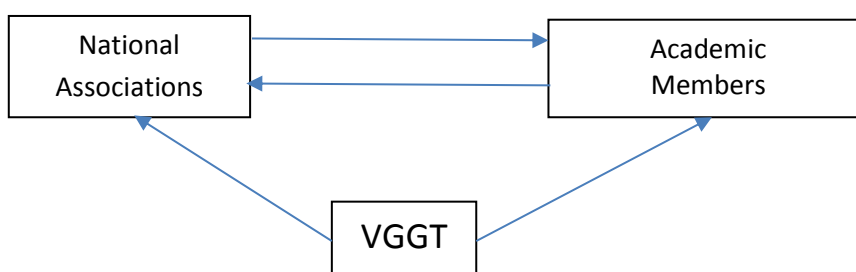
(<http://www.geoinfo.utm.my/GGT2016/>).

### 3. Academic Forum Working Group on the VGGT

‘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.



One of the key outcomes of the discussion, during the Academic Forum Sessions in Christchurch, was the centrality of the relationship between National Associations and Academic Members to the successful application of the VGGT as is illustrated in the following graph:



In order to follow up on the outcomes of the Academic Members Forum in Christchurch, New Zealand, and with the aim of exploring the VGGT from a surveying (and land professional) perspective, the Forum

FIG Academic Members Working Group on the VGGT		
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Chethna Ben	School of Land Management and Development, 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
Francis Roy	Université Laval, Québec Département des Sciences Géomatiques	Francis.roy@scg.ulaval.ca

decided to form a working group, ‘Exploring the VGGT in Practice’.

The working group had Spype meetings every two to three weeks to discuss their plans and implementation of the activities (6 meetings; with a break during October- December).

It was decided to conduct exploratory research to assess the impact of the VGGT on the surveying professional practice. A survey has been developed and made available on the FIG website for all FIG

members and delegates. A second research initiative focussed on the way in which the VGGT are represented in surveying curricula around the world. The outcome of the activities of this working group will be presented during the FIG Working Week in Helsinki; 3 abstracts have been submitted, including a French one.

#### 4. Cooperation

##### *FAO*

Strong relationship has been build up with FAO: during the preparation of the Working Week in Christchurch and the Academic Members Forum and in support of the work of the Academic Member Working Group on the VGGT (Paul MunroFaure, Leila Shamsaifar and more recently Morten Hartvigsen) .

##### *UN Habitat/GLTN*

Commission 2 has close links with UN Habitat/ GLTN, in particular through David Mitchell, and the work on a Curriculum for Responsible Land Administration.

From 26 -28 of September the chair of Commission 2 participated in an Expert Review Workshop on the Guidelines for the Development of Curricula on Land Governance in Africa, in Nairobi, Kenya, organized by Land Policy Initiative of the UN Economic Commission for Africa and UN-Habitat/GLTN.

#### 5. FIG Working Week in Christchurch, New Zealand, May 2016

##### *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.

##### *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.



## *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.



## **6. Communication and publications**

In June the FIG Commission 2 Newsletter has been published.

[http://www.fig.net/organisation/comm/2/activities/newsletters/Newsletter\\_June\\_2016.pdf](http://www.fig.net/organisation/comm/2/activities/newsletters/Newsletter_June_2016.pdf)

We have a LinkedIn page with 58 members; activity has been low during 2016.

## **7. 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 4<sup>th</sup> of May. Also during the year, the FIG Foundation has

communication and discussions via e-mail. For a report on all the activities please refer to the FIG Foundation annual report 2016

## 8. Other highlights

### *Certificate 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 in 2015, and Ganesh Prasad Bhatta, chair of the organising committee of the Nepal Commission 2 Workshop have been awarded with a FIG Certificate of Appreciation. It was handed over to them during the FIG Working Week in Christchurch.

### *New FIG Commission 2 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)

### *FIG Young Surveyors Network*

From 7 – 9 June 2016 the Young Surveyors Network organised the 4<sup>th</sup> 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.

