

**Report to the 41<sup>st</sup> General Assembly  
FIG Congress 2018, Istanbul, Turkey**

**FIG Commission 2 – Professional Education**

**Report 2017**

**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

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. Fahria Masum ([masum@landguidance.com](mailto:masum@landguidance.com))

Working Group 2.1 and Working Group 2.2. jointly came up with a proposal for a FIG Publication titled *Surveying Education on the Move: New Challenges, New Tools, New Competencies* . A paper 'Enhancing the role of surveyors: bridging the gap between demand for and supply of professional education' dedicated to this publication was presented during the FIG Working Week in Helsinki.

FIG Commission 2 Publication Team		
Dr. Fahria Masum	Land Management Consultant, Munich, Germany	<a href="mailto:masum@landguidance.com">masum@landguidance.com</a>
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Though the team finalized the draft by the end of November 2017, later the team decided to postpone the publication entirely.

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

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

WG 2.2 worked in close cooperation with WG 2.1 on the publication 'Surveying Education on the Move: New Challenges, New Tools, New Competencies'.

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

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

No remarkable activities were undertaken by Working Group 2.3 in 2017.

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

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

No remarkable activities were undertaken by Working Group 2.4 in 2017.

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

The 2017 FIG Academic Members Forum was the platform within the 40th FIG General Assembly where the Academic Members of FIG and other academicians gather to discuss about academic responsibilities and to prepare actions. The Working Group 'Exploring the VGGT in Practice' presented 3 papers based on the results from two online surveys. In a Roundtable setting the results were discussed resulting in an agreement on the way forward. This session was organized together with FAO and was chaired by Prof. Walter de Vries, Technical University of Munich, Germany. On behalf of FAO Paul Munro-Faure, Tea Dabrundashvili and Dr. Morten Hartvigsen joined the session. The forum received 20 academics who were present during the entire period of the session. Due to overlapping sessions some attendees joined the session intermittently. Unfortunately in 2017 (after WW in Helsinki) the working group did not have any remarkable activities.

#### 4. Cooperation and Activities at International Level

Commission 2 was active at international level. Dr. Fahria Masum, Vice-Chair, represented Commission 2 in the following events in 2017.

- VGGT 5<sup>th</sup> Year Anniversary Technical Thematic Forum organized by FAO in Rome, October 5-6, 2017.
- Summer School on 'Current Aspects of Land Development and Land Use based on SDGs' organized by Renmin University, China, July 3-7, 2017. Dr. Masum gave a public lecture on 'Attaining Sustainable Development Goals (SDGs): Capacity Development for Land Management'.
- International Conference on 'Integrated Approach of Rural Development and Territorial Governance' organized by Hanns Seidel Foundation in Jinan, China, May 11-13, 2017. Dr. Masum gave a presentation on 'Capacity Development in Response to Changing Concept of Rural Development'.

#### 5. FIG Working Week in Helsinki, Finland, May 2017

##### *Commission 2 Annual Meeting and Commission Dinner*

During absence of Chair Ms. Liza Groenendijk, Dr. Fahria Masum, Vice-Chair chaired the annual meeting. 11 new and old members joined the meeting. Young professionals expressed their interest in joining Commission 2 activities. Commission 2 publication status, expansion of existing network, application for FIG Foundation Grant, selection of Chair 2019-2022 were on the agenda for discussion. Furthermore, Commission members and participants suggested several measures (i.e. to avoid overlapping schedules and to publicize properly the schedules of Commission meetings) to take by the FIG Council in order to increase the number of participants in commission meeting.

Like previous years, the Commission had a nice and lively dinner at Konstan Molja, a typical Finnish restaurant together with Commission 1.



##### **NEW MEMBERS IN COMMISSION 2**

**Paul F Kenny LS**, Consultant Surveyor, Australia

**Ivan Detchev**, Instructor in Surveying and Mapping, Department of Geomatics Engineering, University of Calgary, Canada

**Lam Lityin**, the Hong Kong Institution of Engineering Surveyors (HKIES), Hong Kong

**Robert Kingdon**, Department of Geodesy and Geomatics Engineering, University of New Brunswick, Canada

**Jennifer Whittal**, Associate Professor, Department of Geomatics, University of Cape Town, South Africa

### ***Technical Sessions***

Commission 2 had 3 technical sessions – Curriculum on the Move, Innovation in Education, Demand, Quality and Accreditation of Education. 14 papers with a large diversified topics were presented followed by thought provoking and interactive discussions.

The sessions received a good number of participants. Chairs and rapporteurs contributed greatly to the success of the technical sessions.



## **6. Communication and Publications**

In August the Commission 2 Newsletter was published. Available at [http://www.fig.net/organisation/comm/2/activities/newsletters/com\\_2\\_newsletter\\_september\\_2017.pdf](http://www.fig.net/organisation/comm/2/activities/newsletters/com_2_newsletter_september_2017.pdf)

## **7. FIG Foundation**

Traditionally the chair of FIG Commission 2 is a member of the Board of the FIG Foundation. The annual meeting of the Foundation took place on 4<sup>th</sup> of May during the Working Week in Helsinki. During absence of Chair Ms. Liza Groenendijk, Dr. Fahria Masum, Vice-Chair joined the meeting.