

**Report to the 35<sup>th</sup> General Assembly  
FIG Working Week 2012 in Rome, Italy**

**FIG Commission 2 – Professional Education**

**Report of Activities 2011-2012**

**1. General**

The Commission 2 Work Plan 2011-2014 extends the work of prior Commission work plans and tries to fulfill the FIG Council Work Plan and to meet the needs of FIG Academic Members. The general aims are to:

- Share professional surveying education standards and accreditation
- Share core surveying knowledge
- Share good learning and teaching practices in surveying education
- Share good educational management and marketing processes
- Continue development on the FIG Surveying Education Database
- Promote FIG academic membership of universities and other educational organizations
- Promote opportunities for students and young surveyors within Commission 2 and in FIG in close co-operation with the Young Surveyors Network
- Promote cooperative education and research opportunities

**2. Activities**

- Several sessions on Professional Education at the FIG Working Week 2011, Marrakech, Morocco, May 2011.
- Participation with the 23<sup>rd</sup> Surveying and Geomatic Educators Society Conference, July 19-22, 2011, hosted by the Department of Civil Engineering and Surveying, University of Puerto Rico – Mayaguez.
- Preparation of the FIG Commission 2 sessions for the FIG Working Week, May 6-10, 2012, Rome, Italy.
- Preparation of the FIG Commission 2 work shop hosted by the University of Moscow, September 19-21, 2012, Moscow, Russia.
- Preparation of the FIG Commission 2 joint conference with SAGES, July 2013, Tyler, Texas, USA.

**3. Working Groups**

**Working Group 2.1 - Curriculum and Core Survey Knowledge**

Chair: Joshua Greenfeld (Israel)

Vice-chair: Irina Fartukova (Russia)

Policy issues:

- Identify the necessary core surveying knowledge and technology for the education in our profession
- Identify and compare curriculum across universities and countries
- Identify the necessary changes in curricula due to the changing technology in our profession

Activities:

- TS01I, Curriculum and Core Survey Knowledge I at FIG Working Week 2011, Marrakech, Morocco, May 19, 2011, 11:00 – 12:30
- TS02H, Curriculum and Core Survey Knowledge II at FIG Working Week 2011, Marrakech, Morocco, May 19, 2011, 14:00 – 15:30
- Awareness of the development of a Surveying Body of Knowledge prepared by the American Congress on Surveying and Mapping (ACSM), Curriculum, Accreditation, Recruitment and Education (CARE) Committee, to be published in the ACSM journal Surveying and Land Information Science, December 2011 issue (in publication).
- Receipt of “Proposed Standards for the Professional Activities of Surveyors in Sub-Sahara Africa,” Federation des Geometres Francophones, Final Version, February 2012.

### **Working Group 2.2 – Learning and Teaching Methodology**

Chair: Lisa Groenendijk (Netherlands)

Vice-chair: Reinfried Mansberger (Austria)

Policy issues:

- Identify the change in the teaching and learning methodology due to the changing technologies in education and in the professional practice
- Make recommendations for future learning methods under specific circumstances (distance learning, off-the-job-training, life-long learning)

Activities:

- TS07H, Learning and Teaching Methodology, FIG Working Week 2011, Marrakech, Morocco, May 21, 2011, 11:00 – 12:30

### **Working Group 2.3 – Marketing and Management of Professional Survey Education**

Chair: Chris McAlister (Australia)

Vice-chair: Marina Vaskovich (Sweden)

Policy issues:

- Some parts of the world exhibit a declining interest by potential professionals in surveying education. Other parts of the world have an interest but few opportunities to pursue surveying education. Commercial aspects of education must be recognized but opportunities for cooperation between educational organizations and a logical, universal approach to promote professional survey education need be developed and shared

Activities:

- TS 08H, Marketing and Management of Professional Survey Education, FIG Working Week 2011, Marrakech, Morocco, May 21, 2011, 14:00 – 15:30

## **Working Group 2.4 – Accreditation and Quality Assurance**

Chair: Tim Goodhead (United Kingdom)

Vice-chair: Gary Jeffress (United States)

Policy issues:

- Academic accreditation of surveying education programs
- Mutual recognition of surveying education degrees

Activities:

- TS09H, Accreditation and Quality Assurance, FIG Working Week 2011, Marrakech, Morocco, May 21, 2011, 16:00 – 17:50
- Development of a database of educational requirements for licensure by country

### **4. Planned Events**

Invited presentation for La Semaine du Geometre, April 12, 2012, Yaounde, Cameroon, hosted by l'Ordre des Géomètres du Cameroun.

Invited presentation and panel discussion of surveying education for the ISPRS Congress, Melbourne, Australia, August 2012.

FIG Commission Workshop, 19 – 21 September 2012, Moscow, Russia, hosted by the University of Moscow. Preliminary workshop information below:

- Submission of abstract (approx 1500 words): 30th April
- Notification to authors: 14 May
- Full paper submission (max 10 pages): 01 June
- Early registration: 21 June

FIG Regional Conference, Montevideo, Uruguay, November 26 – 29, 2012

Joint workshop SAGES and FIG Commission 2, Tyler, Texas, USA, July 2013

### **Dr. Steven Frank**

Chair of FIG Commission 2 – Professional Education

February 2012