FIG Commission 1 – Professional Standards and Practice
Work Plan 2011–2014

Who we are:

Commission Chair - Leonie Newnham; Australia
Vice Chairs-
Administration & Communication - Robyn McCutcheon, Australia
WG 1.1- Curtis Sumner, USA & Winnie Shiu, Hong Kong, SAR, China
WG 1.2- Brian J Coutts, New Zealand
WG 1.3- Stephen Djaba, Ghana
WG 1.4- Dr. Haim Srebro, Israel & Dr. Bill Robertson, New Zealand
WG 1.5- Joint Working Group with the Young Surveyors Network

Working Groups 2011–2014

WG 1.1 - Changing Nature of Work and the Role of a Surveyor (Joint Working Group with Commission 2)
WG 1.2 – Regulation approaches that provide secure tenure
WG 1.3 – Community of Practice on Professional Standards and Practice
WG 1.4 – International Boundary Settlement and Demarcation (Joint Working Group with Commissions 4, 5 and 7)
WG 1.5 – Social Media and Surveyors (Joint Working Group with the Young Surveyors Network)
Commission 2
Professional Education

- Commission Chair: Steve Frank (USA)
- Administrative Vice Chair: Gary Jeffress (USA)
- WG1 – Body of Knowledge / Curriculum
  - Chair: Bela Markus (Hungary)
  - Vice Chair: Irina Fartukova (Russia)
- WG2 – Learning and Teaching Methodology
  - Chair: Liza Groenendijk (Netherlands)
  - Vice Chair: Reinsfried Mansberger (Austria)

- WG3 – Marketing and Recruitment
  - Chair: Chris MacAlister (Australia)
  - Vice Chair: Marina Vasilovich (Sweden)
- WG4 – Assessment / CQI
  - Chair: Tim Goodhead (UK)
  - Vice Chair: Gary Jeffress (USA)
Commission 3 – Spatial Information Management
Chair Prof Dr Yerach Doytsher, Israel
Work Plan 2011-2014

Vice Chair of Administration - Communications
Dr. Sagi Dalyot, Israel
Vice Chair of Administration - Events
Mr. Gerasimos Apostolatos, Greece

WG 3.1 – SIM Infrastructure
Chair Prof Dr Hartmut Müller; Germany

WG 3.2 – Technical Aspects of SIM
Chair Prof Dr Charabalos Ioannidis, Greece

WG 3.3 – 3D Cadastre (Joint WG with Com 7)
Chair Prof Dr Peter van Oosterom, The Netherlands
## Commission 3 – Spatial Information Management
Chair Prof Dr Yerach Doytsher, Israel
Work Plan 2011-2014

### Calendar of Events

<table>
<thead>
<tr>
<th>Year</th>
<th>Event Description</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 2011</td>
<td>FIG Working Week Marrakesh, Morocco</td>
<td>Marrakesh, Morocco</td>
</tr>
<tr>
<td>Oct 2011</td>
<td>Annual Workshop Paris, France</td>
<td>Paris, France</td>
</tr>
<tr>
<td>May 2012</td>
<td>FIG Working Week Rome, Italy</td>
<td>Rome, Italy</td>
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<tr>
<td>Sep/Oct 2012</td>
<td>Annual Workshop TBD</td>
<td>TBD</td>
</tr>
<tr>
<td>Apr/May 2013</td>
<td>FIG Working Week, Abuja, Nigeria</td>
<td>Abuja, Nigeria</td>
</tr>
<tr>
<td>Sep/Oct 2013</td>
<td>Annual Workshop TBD</td>
<td>TBD</td>
</tr>
<tr>
<td>May 2014</td>
<td>FIG Congress Kuala Lumpur, Malaysia</td>
<td>Kuala Lumpur, Malaysia</td>
</tr>
<tr>
<td>Sep/Oct 2014</td>
<td>Annual Workshop TBD</td>
<td>TBD</td>
</tr>
</tbody>
</table>

Hartmut Müller, Marrakesh Working Week, May 2011
Commission 4 (Hydrography)

Dr. Michael Sutherland
Trinidad and Tobago & Canada
Chair, 2011-2014

Structure

• Vice Chair – Administration & Communication
  Mr. Gordon Johnston, MRICS (UK)
• WG 4.1 – Ellipsoidally Referenced Hydrographic Surveys
  Mr. Jerry Mills (USA)
• WG4.2 – Standards and Guidelines for Hydrography
  Mr. Andrew Leyzack, C.L.S. (Canada)
• WG4.3 – Multi-Sensor Systems for Hydrographic Applications,
  Prof. Dr. Volker Böder (Germany)
• Working Group 4.4 – Maritime and Marine Spatial Information Management
  Dr. Michael Sutherland, MRICS (Trinidad and Tobago and Canada)
• Working Group 4.5 – Hydrography in Africa
  Ms. Angela Etuonoboe (Nigeria)
Commission 4 (Hydrography)

• Output (Publications, Editorials, Reports and Articles)
  – FIG Website and Publications
  – Articles in *Hydro International, The Hydrographic Review, Sea Technology*, and *Lighthouse*
  – Conferences and Workshops

• Cooperation
  – FIG
    • Commissions
    • Africa Task Force
    • Climate Change Task Force
    • Standards Network
    • National and International Boundaries

Commission 4 (Hydrography)

• Cooperation (continued)
  – International Hydrographic Organization
    • Hydrographic Standards and other issues
    • International Board on Standards of Competence for Hydrographic Surveyors and Nautical Cartographers (FIG-IHO-ICA)
  – International Maritime Organization (UN)
    • e-Navigation Initiative
  – International Federation of Hydrographic Societies (IFHS)
FIG Commission 5
- Positioning and Measurement
2011-2014

The acquisition of accurate, precise and reliable survey data related to the position, size and shape of natural and artificial features of the earth and its environment.

Vice chair of admin: Rob Sarib, Australia

WG 5.1: Standards, Quality Assurance and Calibration (David Martin, France)
WG 5.2: Reference Frames (Graeme Blick, New Zealand)
WG 5.3: Geodetic and Positioning Infrastructure (Neil D Weston, USA)
WG 5.4: Kinematic Measurements (Volker Schwieger, Germany)
WG 5.5: Ubiquitous Positioning (Allison Kealy, Australia) (jointly with FIG Commission 6 and IAG)

WG 6.2.2. Study Group on Laser Scanning (lead by Com 6)

FIG Commission 5 2011-14

The five “F”;
- Focus on modern technologies, technical development and assist surveyors through guidelines and recommendations
- Facilitate and follow technical development through collaboration with other commissions and other international organisations
- Foster and support research and development and stimulate new ideas.
- Formulate and formalise collaboration with manufacturers on the improvement on instruments and associated software
- FIG Events – use these to present and promote the work of the Commission and its working groups

Continue the cooperation with other organisations. Especially with
- UN Office for Outer Space Affairs (UN OOSA); in particular the ICG – International Committee on GNSS.
- international professional organisations in surveying disciplines as International Association of Geodesy (IAG)
Commission 6 – Engineering Surveys

Prof Gethin Wyn Roberts
Commission Chair

Craig Hancock
Vice Chair for Administration
and Communication

**Working Group 6.1** – Deformation Measurements and Analysis - Prof. Dr. Wolfgang Niemeier (Germany)

**Working Group 6.2** – Engineering Surveys for Construction Works and Structural Engineering – Joël van Cranenbroeck, (Belgium)

**Study group 6.2.1** Fibre Optic Sensors - Dr. Helmut Woschitz (Austria)

**Study Group 6.2.2** Laser Scanners - Dr Ivo Milev (Germany)

**Study Group 6.2.3** Ground Based Synthetic Aperture Radar - Prof Alessandro Capra (Italy)

**Study Group 6.2.4** Geotechnical Sensors - Dr. Marco di Mauro, (Switzerland)

**Study group 6.2.5** Railway Surveying Techniques - Mr. Carlo Bonanno (Italy)

**Working Group 6.3** – Machine Control and Guidance (MCG) - Prof. Dr.-Ing. Werner Stempfhuber (Germany)

**Working Group 5.5** – Ubiquitous Positioning Systems – Dr Allison Kealy (Australia)

Member of the Standards WG Alojz Kopacik
Commission 7
Cadastre and Land Management

Work Plan 2011-2014

Daniel Roberge
May 2011

Commission 7 - Proposed priorities

- promoting land rights infrastructures and good land governance to contribute to sustainable development
- developing a better preparedness and response to natural disaster and climate change
- developing a better cooperation between land surveyors aiming to improve the capacity and governance in land administration
- developing cadastral perspectives
- investigating direct involvement of citizens into e-land administration processes
- co-operating with international organizations in land tenure issues
Commission 7 - Working Groups

- W.G.1 - Pro Poor Land Tools - C. Lemmen
- W.G. 2 – Land Administration, Natural Disasters and Climate Change - J. Zevenbergen & D. Mitchell
- W.G. 3 - Cadastral Perspectives – G. Schennach
  - Joint w.g.with Com. 3 – P. van Oosterom
- W.G. 4 - Land Management Reforms – R. Grover
Commission 7 - Next annual meeting

Annual meeting and International Symposium Cadastre 2.0

- 25 Sept. - 1 Oct. 2011: Innsbruck, Austria
  - Annual meeting and International Symposium Cadastre 2.0

- https://sites.google.com/site/figsymposium2011/
Commission 9 (Valuation and Real Estate Management)

Dr. Frances Plimmer
United Kingdom
Chair, 2011-2014

- WG 9.1 Property Taxation;
  - SG 9.1.1 Tax Bases;
  - SG 9.1.2 Mass Appraisal Techniques;
  - SG 9.1.3 Best Practice in Emerging Economies.
- WG 9.2 Large Scale Land Acquisition;
- WG 9.3 Asset Management for Public Sector in Emerging Economies
FIG COMMISSION 10 - Construction Economics and Management


Chair: Robert F. ŠINKNER (CZECH REPUBLIC - CUSC)

GEFOS – private company and VŠE – University for technical and economical studies in C.B. – Faculty of Applied Sciences, Geodesy

Good Balance – FIG Commission 10 Officers, 4 Working Groups:

- Geographical:
  - W. + E. Europe / Africa / Asia / Australia / S. + N. America
  - Developed Countries / Developing Countries
- Gender + Age:
  - Male / Female and Youths / Adults
- Environmental: Academic / Government / Private

FIG Working Week Marrakech, G.A. – 18th May 2011

FIG COMMISSION 10 - Construction Economics and Management

FIG Commission 10 for 2011 – 2014 Terms of Reference:

- Construction economics including Quantity Surveying, Building Surveying, Cost Engineering and Management, Estimating and Tendering (Bidding)
- Commercial management including Procurement, Risk Management and Contract Law for construction and non construction activity
- Construction Law, Negotiation
- Best practices, Large site construction management support by surveyors
- Green Management, Green Contracts and Procurement
- FIG Foundation Projects from the economic point of view
- Practical solutions of the big projects supported by the Corporate Members
- Projects supported by FIG Commissions 1 – 9, FIG Foundation, FIG Task Forces and FIG Young Surveyors from the economic and management point of view

FIG Commission 10 for 2011 – 2014 Co-operation:

- All FIG Commissions and their projects from economic and management point of view

- UN Habitat, World Bank
- International Cost Engineering Council (ICEC) – existing MoU
- African Associations of Quantity Surveyors (AAQS) ... (MoU ... ?)
- Pacific Associations of Quantity Surveyors (PAQS) ... (MoU sug. July 2011)
- Council of European Construction Economists (CEEC)

FIG Working Week Marrakech, G.A. – 18th May 2011
FIG Young Surveyors Network. Chair: Kate Fairlie

YSN Mission
• Create an international network of young surveyors.
• Promote international opportunities for young surveyors.
• Contribute to improving the global image of surveying.

YSN Goals (General)
1. To represent young surveyor interests at FIG
2. To improve student and young surveyor knowledge of, attendance at and involvement in FIG
3. To support local, regional, national and international networks of young surveyors
4. To facilitate young surveyor involvement on the committees of regional and national surveying and geospatial bodies
5. To improve the recognition of surveying in communities internationally by establishing an international voluntary "Young Surveyors Without Borders", supported by the FIG

ACTIVITIES
– Short term: Formalise structure and networks
  • Representative for each continent; a list of national contacts
  • More formal links with other young organisations
  • Specific outputs: document and evaluate activities
  • Need a more structured and accessible website
  • Other:
    – 2011: Africa Young Surveyor Network
    – 2012: Roma Young Surveyor Conference
– Long term
  • Contribute to/build structures that provide international opportunities (internships, work experience, aid/assistance)

Vice Chairs: Cemal Ozgur Kivilcim, Chris McAlister
Treasurer: Jens-André Paffenholz
Secretary: Eva-Maria Unger
Regional Representatives: Daniel Helmricks (USA), Benedicta Ugwulebo (Nigeria, Africa), Kenny Chan (Hong Kong, Asia)
National representatives: Paola Ronzino & Andrea Massaro (Italy)