The Role of FIG

In contribution to professional development and the global agenda

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TOWARDS A UNIQUE MAP FOR THE ARAB WORLD
FIRST INTERNATIONAL SYMPOSIUM OF THE ARAB UNION OF SURVEYORS
29 JUNE – 1 JULY, BEIRUT, LEBANON

Greetings from Copenhagen
Greetings from the FIG Home Base

99 FIG member associations from 81 countries
28 affiliates, 36 corporate, 15 correspondents, 83 academic members
• **Flying high**
  - Global partnership with the UN-agencies incl. the World Bank in support of the global agenda such as achieving the MDGs

• **Keeping our feet on the ground**
  - Professional and institutional development at national and local level in support of the needs of our member associations and the individual surveyors.

What is the role of the Surveyors? Is it changing?
**From Measurement**
Surveyors will still be high level experts within measurement science, but due to technology development the role is changing into managing the measurements

**To Management**
Surveyors will increasingly contribute to building sustainable societies as experts in managing land and properties

_The Land Professionals_

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**Land Administration Systems…**
Land governance is about the policies, processes and institutions by which land, property and natural resources are managed.

This includes decisions on access to land; land rights; land use; and land development.

Land governance is about determining and implementing sustainable land policies.

Land Governance - The Big Challenges

Contributing to achieving the MDGs - towards development, security and human rights for all. This also include the big challenges of the new millennium:

• Climate Change
• Food Shortage
• Energy Scarcity
• Urban Growth
• Environmental degradation
• Natural Disasters

All these issues relate to governance and management of land
The role of the surveying profession

Land governance and management is a core area for surveyors – the Land Professionals. It will require:

- High level geodesy models to predict future change
- Modern surveying and mapping tools to support management and implementation
- Spatial data infrastructures to support decision making on the natural and built environment
- Secure tenure systems
- Sustainable systems for land valuation, land use management and land development
- Systems for transparency and good governance

Land governance is a cross cutting issue confronting all traditional silo-organised land administration systems.

Current FIG Policies

Do Surveyors have a role to play in the global agenda?

No development will take place without having a spatial dimension

No development will happen without the footprint of the surveyor
The UN Millennium Development Goals

Goal 1: Eradicate extreme poverty and hunger
Goal 2: Achieve universal primary education
Goal 3: Promote gender equality and empower women
Goal 4: Reduce child mortality
Goal 5: Improve maternal health
Goal 6: Combat HIV/AIDS, malaria and other diseases
Goal 7: Ensure environmental sustainability

Goal 8: Develop a Global Partnership for Development

The framework includes 18 targets and 48 indicators enabling the ongoing monitoring of annual progress.
World status of Land tenure and property Rights


Urban population growth

<table>
<thead>
<tr>
<th>Year</th>
<th>Rural</th>
<th>Urban</th>
</tr>
</thead>
<tbody>
<tr>
<td>1970</td>
<td>63%</td>
<td>37%</td>
</tr>
<tr>
<td>2000</td>
<td>53%</td>
<td>47%</td>
</tr>
<tr>
<td>2030</td>
<td>40%</td>
<td>60%</td>
</tr>
</tbody>
</table>

2007:
- Total world population: 6.5 billion
- Total urban population: 3.3 billion
- Total slum dwellers: 1.1 billion

Status of Land Tenure and Property Rights, 2005
- Moderately severe concern
- Serious concern
- Extremely serious concern
- Not ranked
Mexico
Hong Kong
Kibera, Nairobi, 250 ha, 1 mill+ people
It is all about:

- **People**, human rights, engagement and dignity
- **Politics**, land policies and good governance
- **Places**, shelter, land rights, and natural resources
- and **Power**, decentralisation and empowerment

The role of FIG

What is the role of FIG in this regard?
The International Federation of Surveyors
Organizational Structure

Annual General Assembly
99 member associations (81 countries)

Council
President and 4 Vice-Presidents

FIG Office

Com1 Practice
Com2 Education
Com3 Spat Inf. Mgt.
Com4 Hydrography
Com5 Point & Meas.
Com6 Cad Land
Com7 Eng Survey
Com8 Spat Plane & Dev.
Com9 Valuation
Com10 Const Econ

Chairman, vice-chairs, national delegates, work plan, working groups, seminars etc

www.FIG.net

FIG Council 2009-2010
President schedule June 2008 – June 2009

13-20 June FIG Working Week, Stockholm, Sweden
4-8 July, ISPRS Congress, Beijing, China
28-31 July, Sydney, Australia, preparations for the FIG Congress, April 2010
9-15 September, FIG/FAO workshop and Com 7 Annual Meeting, Verona, Italy
17-19 September, CLGE Congress, Strasbourg, France
15-17 October, SCS Annual conference, Dublin, Ireland
3-7 November, UN-Habitat WUF, Nanjing, China
10-14 Sydney, Australia, preparations for FIG Congress, April 2010
24-25 November, FAO EGM meeting, Rome, Italy
16-21 December, Rabat/ Marrakech, Morocco, preparation for FIG WW 2011
30 January-1 February, DdL Annual Meeting, Nyborg, Denmark
10-13 February, Map World Forum, Hyderabad, India
13-14 February, Survey of India, Delhi, India
18-18 February, Department of Surveying and Mapping, Kathmandu, Nepal.
26-28 February, FIG Commission 2 workshop, Vienna, Austria
9-11 March, Joint FIG/WB conference, Washington, USA
30 March– 3 April, UN-Habitat Governing Council meeting, Nairobi, Kenya
18-22 April GeoSibiria, Novosibirsk, Russia
2- 8 May, FIG Working Week, Eilat, Israel
23-27 May, PCGIAP Workshop, Theran, Iran
15-19 June, GSDI-11 Conference, Rotterdam, The Netherlands
29 June-1 July, Arab Union of Surveyors, Beirut, Lebanon

The Role of FIG

- **Professional Development**
  - Global forum for professional discussions and interactions through conferences, symposia, commission working groups, …..

- **Institutional Development**
  - Capacity building through Institutional support for educational and professional and institutional development at national level

- **Global Development**
  - Cooperation with the UN agencies, FAO, UN.Habitat and World Bank, and sister organisations through Joint Board of Geospatial Information Societies.

- **Information and Communication**
  - website, annual review, publications

- **FIG Office**
  - administration, finances,
Professional Development

**Annual working weeks**
Hong Kong 2007  
Stockholm 2008  
Eilat 2009  
Marrakech 2011

**Biennial regional Conferences**
Costa Rica 2007  
Hanoi 2009

**FIG Congress every four years**
Sydney 2010

**Commission work plans**
10 technical commissions  
Interaction with national delegates

**Commission working groups**
Interaction with national delegates

**Commission workshops and seminars**
Especially Com 2, 3, 6, 7 and 9 has been very active in this regard

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Commission Work Plans – the heart and engine of FIG

**Commission 1, Professional Practice**
WG 1.1 Standards Network  
WG 1.2 Young Surveyors Network  
WG 1.3 Surveyors Changing Role in Society

**Commission 3, Spatial Information Management**
WG 3.1 e-Government and e-Citizen  
WG 3.2 Spatial data Infrastructure  
WG 1.3 Multidimensional Aspects of Spatial Information Management

**Commission 5, Positioning and Measurement**
WG 5.1 Standards, Quality Assurance and Calibration  
WG 5.2 Reference Frame in Practice  
WG 5.3 Integrated Positioning, Navigation and Mapping Systems  
WG 5.4 GNSS – Global Navigational Satellite Systems

**Commission 7, Cadastre and Land Management**
WG 7.1 Development of Pro-Poor Land management and Administration  
WG 3.2 Land Administration to Support Sustainable Development  
WG 3.3 Application of Innovative Technology in Land Administration
**Institutional Development**

**Member support**
FIG provide institutional support to help members to help building educational programs and their institutional basis
And to help national agencies to build systems in surveying, mapping and land management

Latin America (regional institution)
Europe, CLGE, European Council of Surveyors
Francophone Countries
Africa: Task Force.
Asia (Nepal, India, Central Asia)
Arab countries (Arab Union of Surveyors)

**Task Forces**
Guidelines on Institutional and Organisational Development
Previously: Mutual recognition; Code of Ethics;
Now: Institutional and Organisational Development
New: Spatial Enabled Society; Africa Task Force

**Networks**
Standards
Young Surveyors

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**Global Development**

**FAO**, projects on capacity building, good governance, land economics,

**UN-HABITAT**, partner in the GLTN network, projects on informal settlement, informal development, gendered land tools, etc….


Global partnership is the link that drives development for achieving the global agenda such as the MDGs

Global recognition ➔ national recognition ➔ local recognition
Global development partnership with UN-Habitat

Informal settlements

Traditional cadastral systems do not provide for security of tenure in informal settlements.

A more flexible system is needed for identifying the various kind of social tenure existing in informal settlements.

Such systems must be based on a global standard and must be manageable by the local community itself:

Cooperates with UN-Habitat, ITC and the World Bank to develop the STDM model that is designed as a basic tool for poverty alleviation.

Information and communication

Web site
The key means of communication in a global organisation. An actual, factual, interesting, informative, updated, complete, accessible, source of information and knowledge.

Commission newsletters
Targeted information from the work of the individual commissions and their working groups.

President's letter
Biannual communication President to President.

Annual review
Annual overview of the FIG activities presented in an easy accessible way.

Publications
FIG publication series with four groups of policy statements, guides, reports, and FIG regulations.

FIG profile
FIG is a global NGO based on voluntary work from the council and the commission officers as well as national members, delegates and others.

The Council
Leadership and executive management; promotion of profession; member support; event development; global development.

The Commissions
Professional development and innovation in all areas of surveying in cooperation with national delegates.

FIG Office
General administration; financial management, member services; council and commission support and services; general communication; event management.

The high level of activity and development can only be sustained by highly professional administrative support.
The XXIV FIG International Congress 2010
Sydney, Australia - 11 to 16 April 2010

Facing the Challenges – Building the Capacity

www.fig2010.com

Time is up - Thank you for your attention