

**Fédération Internationale des Géomètres**  
**International Federation of Surveyors**  
 Internationale Vereinigung der Vermessungsingenieure **FIG**

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**JBGIS**  
 Joint Board of Geospatial Information Societies

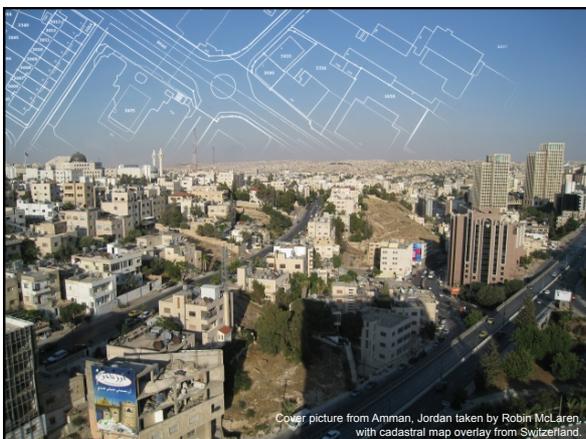
FIG has Memoranda of Understanding with:

- International Hydrographic Organization (IHO)
- International Association of Geodesy (IAG)
- International Cartographic Association (ICA)
- International Society for Photogrammetry and Remote Sensing (ISPRS)
- Global Spatial Data Infrastructure Association (GSDI)

FIG-Task Force on "Spatially Enabled Society" established at FIG's 2009 General Assembly with Dr. Daniel Steudler (Switzerland) as Chair

- to explore the issue of Spatially Enabled Societies (SES);
- to identify the role of the profession in a spatially enabled society; and
- to make recommendations

1<sup>st</sup> Presentation, 2011 FIG WW, Marrakech  
 UN-GGIM Established  
 4<sup>th</sup> LA Forum, Melbourne  
 1<sup>st</sup> UNGGIM HLF, Seoul  
 PCGIAP Int'l Symposium on SEGs, Kuala Lumpur  
 KL Declaration on Spatially Enabled Government and Society  
 2012 WB Land & Poverty Conference, Washington DC  
 FIG Publication No. 58 (2012 FIG WW/13 GSDI), Rome & Quebec  
 XXI ISPRS Congress, Melbourne  
 2<sup>nd</sup> UNGGIM HLF, Qatar  
 UNRCC-API/18 PCGIAP, Bangkok



**Publication on «Spatially Enabled Society»**  
 Steudler and Rajabifard, editors, 72 pages, FIG Publication No. 58

**FIG REPORT**  
 FIG REPORT  
**Spatially Enabled Society**  
 Editors: Daniel Steudler and Abbas Rajabifard

**FIG PUBLICATION NO.**  
 This publication on Spatially Enabled Society is the outcome of a series of studies initiated by the FIG Task Force on Spatially Enabled Society established at the General Assembly of the Federation in May 2009. The Task Force was established in response to the call for action from the Global Spatial Data Infrastructure Working Group for the Middle East and North Africa (GSDI-MENA) and the Middle East and North Africa (MENA) Task Force and the endorsement by the International Geographical Union (IGU) of the Middle East and North Africa (MENA) Task Force. The publication is a result of the work of the Task Force and the Middle East and North Africa (MENA) Task Force. The publication is a result of the work of the Task Force and the Middle East and North Africa (MENA) Task Force.

**Presented by:** International Union of Pure and Applied Chemistry (IUPAC), Copenhagen, Denmark

**GSDI:** Global Spatial Data Infrastructure Association

**Supporting:** National Office of Geographic Information Systems (NAGIS), Baghdad

**Cooperating:** Department of Architecture, Engineering, and Construction Management (AECM), University of Jordan, Amman

**Published by:** International Geographical Union (IGU) of the Middle East and North Africa (MENA) Task Force

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**FIG Publication No. 58**  
**«Spatially Enabled Society»**  
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**FIG Publication No. 58**  
**«Spatially Enabled Society»**  
**Contents**

1. Introduction
2. Needs of Societies and Governments
3. Role of Land Administration, Land Management and Land Governance
4. Key Elements for a Spatially Enabled Society
  - 4.1 Legal Framework
  - 4.2 Common Data Integration Concept
  - 4.3 Positioning Infrastructure
  - 4.4 Spatial Data Infrastructure
  - 4.5 Landownership Information
  - 4.6 Data and Information
5. Discussion
6. Conclusion and Future Directions

**Kuala Lumpur Declaration**  
*Spatially Enabled Government and Society*

We, the participants of the United Nations sponsored Permanent Committee on GIS Infrastructure for Asia and the Pacific International Symposium on Spatially Enabled Government and Society, with the theme "Spatially Enabled Society" held at the Kuala Lumpur Convention Centre, Kuala Lumpur, Malaysia from 27-29 February 2012, taking note of the context of building trust to promote understanding and to enhance regional, national, regional and global challenges, hereby issue the **Kuala Lumpur Declaration on Spatially Enabled Government and Society**.

**Recognizing** that geospatial information includes fundamental data that is essential to the development of a spatially enabled society and is essential to the development of a spatially enabled society, we agree to work together to ensure that geospatial information is available, accessible, and usable for all.

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**GGIM** has a vision to migrate to a paradigm of *managing all information spatially*

Spatially enabled Government and Societies, recognizing that all activities and events have a geographical and temporal context, make decisions and organize their affairs through the effective and efficient use of spatial data, information and services.

**UNRCC-PCGIAP Kuala Lumpur Declaration on Spatially Enabled Government and Society, 2012**

**Spatially Enabling Governments & Societies for Sustainable Land Administration & Management**

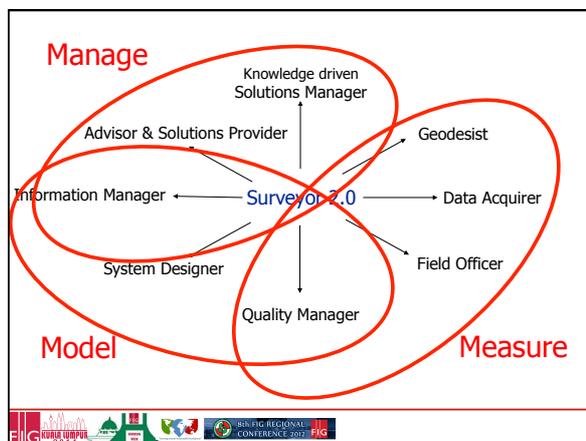
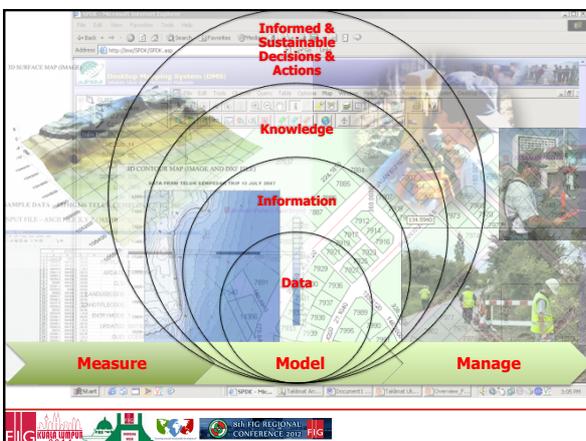
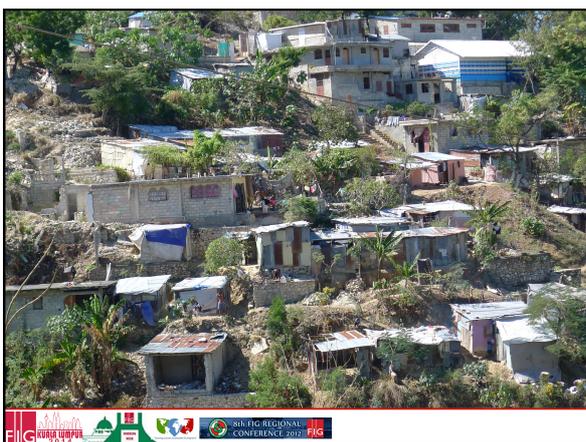
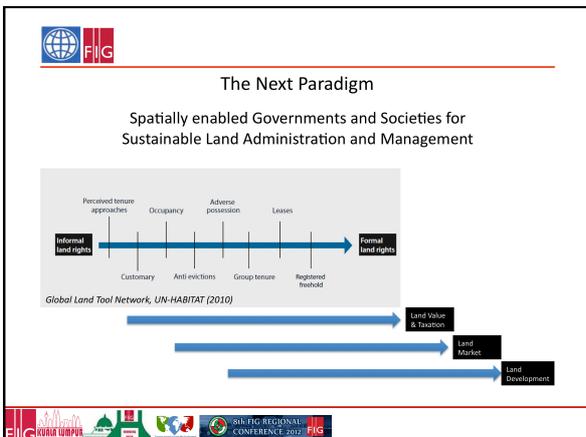
**A Joint World Bank – International Federation of Surveyors Workshop**  
 April 24, 2012, 8 am - 4 pm, Preston Auditorium  
 and Evening Round Table  
 6:15 - 8 pm, MC 13-121

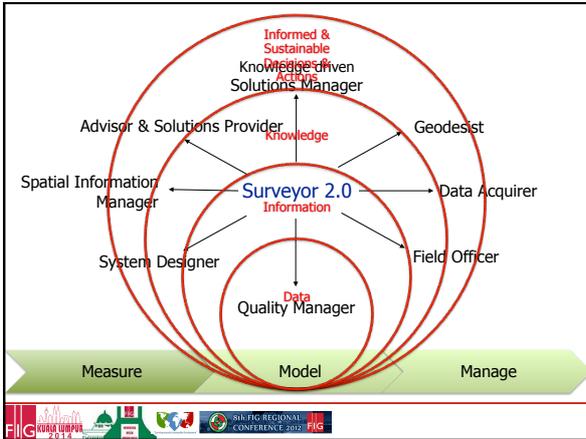
**UN-HABITAT**  
 GLOBAL LAND TOOL NETWORK  
**FIG**  
 The Social Tenure Domain Model  
 A Pro-Poor Land Tool  
 FIG Publication No. 52

Perceived tenure approaches: Informal land rights (Customary, Occupancy, Adverse possession, Leases) → Formal land rights (Registered freehold)

**Global Land Tool Network, UN-HABITAT (2010)**

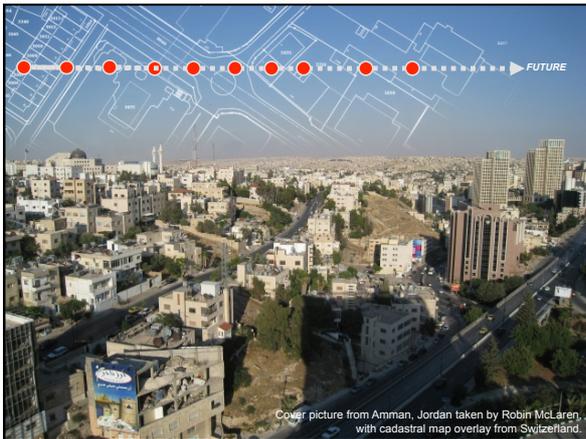
- Less Rigorous → More Rigorous: Continuum of Approaches
- Less Sophisticated → More Sophisticated: Continuum of Technology
- Less Accurate → More Accurate: Continuum of Measurement
- Land Value & Taxation
- Land Development
- Property & Land Market





This will require changes in the institutional, legislative and professional domains to allow this paradigm to be successfully and quickly implemented.

*In addition, this will require embracing Open Standards; Interoperability (systems, institutional and legislative); culture of collaboration and sharing; avoiding duplication (map once - use multiple times); encourage the incorporation of volunteered information; develop enabling platforms by locating, connecting and delivering information from different scales, purposes and origins.*



8th FIG REGIONAL CONFERENCE 2012

**"Surveying towards Sustainable Development"**  
 Montevideo, Uruguay, 26<sup>th</sup> – 29<sup>th</sup> November 2012  
[www.fig.net/uruguay](http://www.fig.net/uruguay)

WORKING WITH WATER

**"Environment for Sustainability"**  
 Abuja, Nigeria, 6<sup>th</sup> – 10<sup>th</sup> May 2013  
[www.fig.net/fig2013](http://www.fig.net/fig2013)

XI FIG KUALA LUMPUR 2014  
 Congress

**"Engaging the Challenge; Enhancing the Relevance"**  
 Kuala Lumpur, Malaysia, 16<sup>th</sup> – 21<sup>st</sup> June 2014  
[www.fig.net/fig2014](http://www.fig.net/fig2014)