



Organised by:



INTERNATIONAL
FEDERATION OF
SURVEYORS



PEJUTA
ASSOCIATION OF AUTHORISED
LAND SURVEYORS
MALAYSIA

“Engaging the Challenges,
Enhancing the Relevance”

XXV FIG Congress 2014
Kuala Lumpur, Malaysia 16–21 June 2014

Platinum sponsors:



**37th
General
Assembly**

**Agenda Item 8:
President’s Report to the General Assembly**

Included

**Agenda Item 16:
*Cooperation with the United Nations and the World Bank***

**Agenda Item 17:
*Liaison with International Professional Organizations***





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FIG Administration

The current staffing of the FIG Office is as follows:

- Louise Friis-Hansen, FIG Manager
- Hanne Elster, FIG Office and Events Coordinators
- Claudia Stormoen, FIG Office and Events
- Maria Bargholz, FIG bookkeeper (part time)

Markku Villikka (FIG Director until 31st July 2013)
Julie Hyun Sook LEE's (FIG Development Coordinator, until February 2014)







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We, the participants of the **Fédération Internationale des Géomètres (FIG) Pacific Small Island Developing States Symposium** with the theme “Policies and Practices for Responsible Governance” held at the Novotel Lami Bay Conference Centre, Suva, Fiji on 18th – 20th September 2013, having met in the context to share knowledge, promote understanding and to enhance cooperation for the responsible governance of tenure of land, fisheries and forest, of geospatial infrastructure and information, hereby issue this

Suva Statement on Spatially Responsible Governance

Recognizing Small Island Developing States in the Pacific are unique in their situation and with particular vulnerabilities, remain a special case for sustainable development.



Engaging the Membership and Visits

- *2013 South East Asian Survey Congress*, 18 – 20 June 2013, Manila, The Philippines.
- *2013 New Zealand Institute of Surveyors Conference*, 28 – 31 August 2013, Dunedin, New Zealand. (The Conference was also in celebration of the 125th anniversary of NZIS as well as the 50th Anniversary of the National School of Surveying, University of Otago. With the theme “Celebrating the Past - Redefining the Future”)
- *2013 SSSI Victoria Spatial Summit*, 12 – 13 September, Melbourne, Australia.
- *5th FIG International Land Administration Domain Model Workshop*, 24 – 25 September 2013, Kuala Lumpur, Malaysia
- *19th InterGEO Trade Fair and Conference*, 8 – 11 October 2013, Essen, Germany.
- *10th National Representative Assembly of the Chinese Society of Geodesy, Photogrammetry and Cartography (GSGPC)*, 10 – 12 October 2013, Beijing, PR China.
- *1st FIG Young Surveyors European Meeting*, 17 & 18 October 2013, Lisbon, Portugal



Engaging the Membership and Visits

- *2013 FGF General Assembly, FIG Commission 7 Annual Meeting and International Symposium on “Land Policies and Land Governance”*, 21 – 25 October 2013, Yaounde, Cameroon.
- *6th National Geospatial Symposium*, 17 – 18 March 2014, Putrajaya, Malaysia
- *CLGE General Assembly* held on 21-22, March 2014, Marbella, Spain.
- *1st FIG Young Surveyors North American Meeting*, 14 & 15 April 2014, San Diego, United States
- *10th Interexpo GeoSiberia*, 16 – 18 April 2014, Novosibirsk, Russian Federation
- *UNECE Working Party on Land Administration Spring 2014 Workshop and Meetings*, 21 – 23 May 2014, Copenhagen, Denmark
- *Hong Kong Polytechnic University Land Surveying and Geo-Information Department 30th Anniversary Celebrations and Symposium*, 29 May 2014, Hong Kong SAR.



Engaging the Membership and Visits

The FIG Office received a *visiting delegation from MAKLI*, Finland on 4 October 2013 and periodically, visitors from FIG member organisations.

FIG President visited *Geo-Information Netherlands (GIN), Dutch Kadaster, University of Twente/ITC* (14 & 15 November 2013), *Siberian State Academy of Geodesy, Novosibirsk* on 15 April 2014 and *Hong Kong Polytechnic University/Department of Land Surveying and Geo-Information* on 29 April 2014.



<p>Evolution of the Social Tenure Domain Model (STDN) Phase II Summary Report</p>	<p>Ellipsoidally Referenced Surveying for Hydrography</p>	<p>The Africa Task Force</p>	<p>CADASTRE 2014 and Beyond</p>
<p>The Africa Task Force</p>	<p>Cost Effective GNSS Positioning Techniques</p>	<p>Fit-For-Purpose Land Administration</p>	<p>International Boundary Making</p>





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World Bank Group



United Nations Department of Economic and Social Affairs (UN DESA)

Food and Agriculture Organization of the United Nations (FAO)

United Nations Human Settlement Program (UN-Habitat)

United Nations Global Geospatial Information Management (GGIM)

United Nations Office for Outer Space Affairs (UNOOSA)

United Nations Cartographic Section (Department of Field Support)(UNCS)

United Nations Economic Commission for Europe (UNECE)

United Nations Economic Commission for Africa (UNECA)

United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP)

United Nations Conference on the Standardization of Geographic Names

United Nations Regional Cartographic Conferences (UNRCC)

Global Land Tool Network (GLTN) (facilitated by UN-Habitat)

International Organization for Standardization (ISO)





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Spatial Innovation
Bank Information
World Practices
Good Innovations
Land Administration
Post-2015
Land Conference



Annual World Bank Conference on Land and Poverty



Spatially Enabling Governments & Societies for Sustainable Land Administration & Management



spatially
fit-for-purpose
land
technologies
quest
address
existing
feature
understanding
people
land




Integrating Land Governance into the Post-2015 Agenda
Harnessing Synergies for Implementation and Monitoring Impact

Annual World Bank Conference on Land and Poverty Washington DC, March 24-27, 2014



Joint World Bank and International Federation of Surveyors
Spatial Innovation and Good Practices in Land Administration Forum
March 28, 2014, World Bank, Washington DC



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FIG-World Bank Declaration on Fit-for-Purpose Land Administration

There is an urgent need to build cost-effective and sustainable systems that identify the way land is occupied and used and accordingly provide for secure land rights. When considering the resources and capacities required for building such systems in less developed countries, the concepts of mature, sophisticated systems as predominantly used in developed countries may well be seen as the end target, but not as the point of entry. When assessing technology and investment choices, the focus should be on a "fit-for-purpose approach" that will meet the needs of society today and that can be incrementally improved over time.

A fit-for-purpose approach includes the following elements:

- ✓ **Flexible** in the spatial data capture approaches to provide for varying use and occupation.
- ✓ **Inclusive** in scope to cover all tenure and all land.
- ✓ **Participatory** in approach to data capture and use to ensure community support.
- ✓ **Affordable** for the government to establish and operate, and for society to use.
- ✓ **Reliable** in terms of information that is authoritative and up-to-date.
- ✓ **Attainable** to establish the system within a short timeframe and within available resources.
- ✓ **Upgradeable** with regard to incremental improvement over time in response to social and legal needs and emerging economic opportunities.

A country's legal and institutional framework must be revised to apply the elements of the fit-for-purpose approach. This means that the fit-for-purpose approach must be enshrined in law and that the information be made accessible to all users.

A fit-for-purpose approach will ensure that appropriate land administration systems are built within a relatively short time frame and affordable costs. The systems allow for incremental updating and upgrading. This approach will facilitate economic growth, social equity and environmental sustainability to be better supported, pursued and achieved.

March 2014
World Bank, Washington DC



The World Bank
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Washington, DC 20433
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Fédération des Géomètres
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Fit-For-Purpose Land Administration

JOINT FIG / WORLD BANK PUBLICATION




Joint World Bank/
International Federation of Surveyors
Declaration on *Fit-for-Purpose*
Land Administration



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**CONCEPTUALIZING AND DEVELOPING LAND TOOL:
COSTING AND FINANCING OF LAND (ADMINISTRATION) SERVICES
IN DEVELOPING COUNTRIES"**





UN-HABITAT
FOR A BETTER URBAN FUTURE



GLTN
GLOBAL LAND TOOL NETWORK



FIG



LANTMATERIET

"Modernising Land Agencies Budgetary Approach: Costing and Financing of Land (Administration) Services in Developing Countries Phase II"





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**A Review of the Social Tenure Domain Model (STDM) Phase II
Summary Report**

Reviewers affirmed the five crucial elements of the STDM - its flexibility, simplicity, affordability, inclusivity and its advocacy for good governance.

The focus of the STDM has been and will continue to be about relationships between people and land, independently from the level of formalization, or legality of those relationships.

(FIG, 2014)












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**Social Tenure Domain Model
Training of Trainers Workshop**
13 – 16 June, 2014, Kuala Lumpur, Malaysia









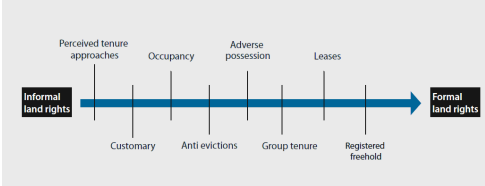


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Continuum of Land Rights and Increasing Urban Tenure Security

There is the growing acceptance of the continuum of land rights and of alternative forms of tenure, all part of a fundamental paradigm shift in the global understanding and approaches to land.



Valuation of Unregistered Land and Properties (VaLURL)

The key objective of this new initiative is to research and then consider and develop approaches and alternatives to support the appraising or valuation of unregistered land and properties.





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UN-GGIM
Newsletter
March / April 2014
01

UN-GGIM – Global Geodetic Reference Frame Working Group

UN RESOLUTION
The UN Committee of Experts on Global Geospatial Information Management (UN-GGIM) decided in July 2013 to formulate and facilitate a draft resolution for a global geodetic reference frame.

UN-GGIM recognises the growing demand for more precise positioning services, the economic importance of a global geodetic reference frame and the need to improve the global cooperation within geodesy. The resolution will be tabled at the 2013-14 Session of the UN General Assembly.

How geodesy contributes to strengthen the study of our changing planet

Measuring the planet

Through geodesy, we measure and define the Earth's shape, rotation and gravitational field and changes to these.

Geodesy is fundamental for monitoring changes to the Earth including the continents, ice caps, oceans and the atmosphere. Geodesy is also fundamental for mapping, navigation and universal timing.



THE EARTH TIDE



THE EARTH ROTATION



PLATE TECTONICS



GLOBAL MASS TRANSPORT

EARTH IS A DYNAMIC PLANET and is in constant motion. We monitor the different processes which cause these motions.

Greg Scott, UN-GGIM, WB/FIG – Washington DC, 2014)





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7th Session of the Open Working Group on Sustainable Development Goals



UN-GGIM
UNITED NATIONS INITIATIVE ON
GLOBAL GEOSPATIAL
INFORMATION MANAGEMENT



The Role of Geospatial Information in Measuring and Monitoring the Sustainable Development Goals
Disaster risk reduction, sustainable development, and global urbanization

- The SDGs will depend on human and physical geography. In order to measure and monitor change and progress you must have access to fundamental and consistent geospatial information - geography.
- Not all targets will be equal and will require different means of measure. Indicators will need to be linked to the targets and be well defined, measurable over time, cost effective and clearly and easily communicated.
- There will be a need to create a network of consistent global data - reliable geospatial information - to measure and monitor trends, change and progress over time in a standardized manner.



UN-GGIM | United Nations Initiative on
Global Geospatial Information Management

Positioning geospatial information to address global challenges
ggim.un.org

Greg Scott, UN-GGIM, WB/FIG – Washington DC, 2014





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United Nations Global Geospatial Information Management

Third Session of the United Nations Committee of Experts on Global Geospatial Information Management, 24 – 27 July, 2013, Cambridge, United Kingdom

“Critical issues relating to the integration of land and marine geospatial information”

FIG prepared and submitted a background document that was referred to when the Committee of Experts considered this issue. (The background paper was jointly authored by FIG President, Mikael Lilje (FIG Commission 5) and Jerry Mills (FIG Commission 4))

“Statement of Shared Principles for the Management of Geospatial Information”

The establishment of a working group was requested by the UN-GGIM at its third Session in its decision 3/108, “development of a shared statement of principles on the management of geospatial information”. FIG is a member of the “Working Group on Development of a Statement of Shared Principles”, the overall objective is to prepare a preliminary proposal for a set of shared principles on the management of geospatial information.

How can you measure and monitor sustainable development...



...without location and geography



Positioning geospatial information to address global challenges
ggim.un.org



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Food and Agriculture Organization of the United Nations

The FAO Technical and Awareness Raising Workshop on the Voluntary Guidelines on Responsible Governance, 13 – 15 August 2013, Bangkok, Thailand

The Workshop is part of FAO's strategy to raise awareness on the Voluntary Guidelines and to discuss the implementation and use, particularly at the national and local levels. The regional focus of this Workshop is Asia.. FIG supported the Workshop and a presentation "The International Federation of Surveyors and the Voluntary Guidelines" was made on the first day of the Workshop. [Workshops in Bogota, Columbia, September 2013 and Sofia, Bulgaria where FIG had suggested our local membership there for FAO's consideration]



FIG Pacific Small Island Developing States Symposium
Policies and Practices for Responsible Governance
FIG **Fiji 18-20 September 2013**




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United Nations Regional Cartographic Conference for the Americas

The 10th United Nations Regional Cartographic Conference for the Americas was held from 19 – 23 August 2013, New York

The theme was "*UN-GGIM and the Americas: Addressing global challenges through geospatial information*". UNRCC-Americas provides a regional forum to address their common challenges and share experiences and expertise in the field of surveying and mapping, cartography, hydrography, remote sensing, land and geospatial information systems. FIG contributed with a presentation on Spatially Enabled Society and posed to the Conference a question, whether UN-GGIM and its regional structures will be the intergovernmental mechanism for the location and geography needed for "realizing the future we want for all"?

United Nations Office for Outer Space Affairs (UNOOSA)

The eight meeting of the International Committee on GNSS (ICG-8), 10-14 November 2013, Dubai, UAE was attend by Mikael Lilje, Chair FIG Commission 5 who is also FIG's representative to UNOOSA and ICG. UNOOSA supported the IAG/ICG/FIG Technical Seminar on Reference Frame in Practice held in Manila, The Philippines in 2013.





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United Nations Economic and Social Commission for Asia and the Pacific

UNESCAP working with FAO, UN-HABITAT Regional Office for Asia Pacific (UNHABITAT-ROAP) with the support of the World Bank, GLTN and FIG is intending to embark on a regional land tenure initiative for Asia and the Pacific. It has to be appreciated that Asia and the Pacific as a region has geographical scope that stretches from Turkey in the west to the Pacific island nation of Kiribati in the east, and from the Russian Federation in the north to New Zealand in the south, the region is home to 4.1 billion people, or two thirds of the world's population. The region is diverse on all counts, to say the least.



**Regional Multi-stakeholder
Consultation on Land Tenure in
Asia-Pacific**

11 – 12 JUNE 2014
PULLMAN PATTAYA HOTEL G, PATTAYA, THAILAND





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United Nations Economic Commission for Europe (UNECE)

FIG attended the meeting of international agencies working in land administration and land management convened by UNECE-WPLA Chair on 21 May 2014, Copenhagen, Denmark. FIG participated in the WPLA Workshop with the theme “The Socioeconomic Potential of Land Administration Services” hosted by the Danish Geodata Agency and the Government of Denmark, 22 – 23 May 2014. At the Workshop, FIG represented GLTN and the Partners working on CoFLAS initiative, and made a presentation on CoFLAS.



**Working Party on Land Administration (WPLA)
Workshop, Copenhagen, Denmark 22 & 23 May 2014**











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The European Parliament

The European Parliament organized a high-level conference on "Property Rights: The missing key to eradicating poverty", 9 April 2014, European Parliament, Brussels, Belgium. FIG was invited to this high-level conference, to address on "Improving Land Governance in practice" and be part of the panel discussion. Honorary President Stig Enemark and Jean-Yves Pirlot, CLGE and UBGE President, presented FIG. Nirj Deva MEP, Vice President of the Development Committee and Andris Piebalgs, European Commissioner for Development, jointly convened the conference.



The Missing Key to Eradicate Poverty
High Level Conference on Property Rights, European Parliament, 9 April 2014







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JBGIS
Joint Board of Geospatial Information Societies

- Global Spatial Data Infrastructure (GSDI) Association
- IEEE Geoscience and Remote Sensing Society (IEEE-GRSS)
- International Association of Geodesy (IAG)
- International Cartographic Association (ICA)
- **International Federation of Surveyors (FIG)**
- International Geographical Union (IGU)
- International Hydrographic Organization (IHO)
- International Map Industry Association (IMIA)
- International Society of Photogrammetry and Remote Sensing (ISPRS)
- International Steering Committee for Global Mapping (ISCGM)

	 <p>XXV FIG Congress "Engaging the Challenges, Enhancing the Relevance" 16 - 21 JUNE 2014, MALAYSIA</p>	<p>37th General Assembly</p>
 <p>UN SYSTEM TASK TEAM ON THE POST-2015 UN DEVELOPMENT AGENDA</p> <p>Realizing the Future We Want for All Report to the Secretary-General</p> <p>New York, June 2012</p>	<h1>Thank You</h1>	<p>Fédération Internationale des Géomètres International Federation of Surveyors Internationale Vereinigung der Vermessungsingenieure</p>
<p>Kalvebod Brygge 31-33 DK-1780, Copenhagen V, Denmark Tel: +45 3886 1081; Fax: +45 3886 0252 url: www.fig.net</p>		