



8th FIG REGIONAL CONFERENCE 2012





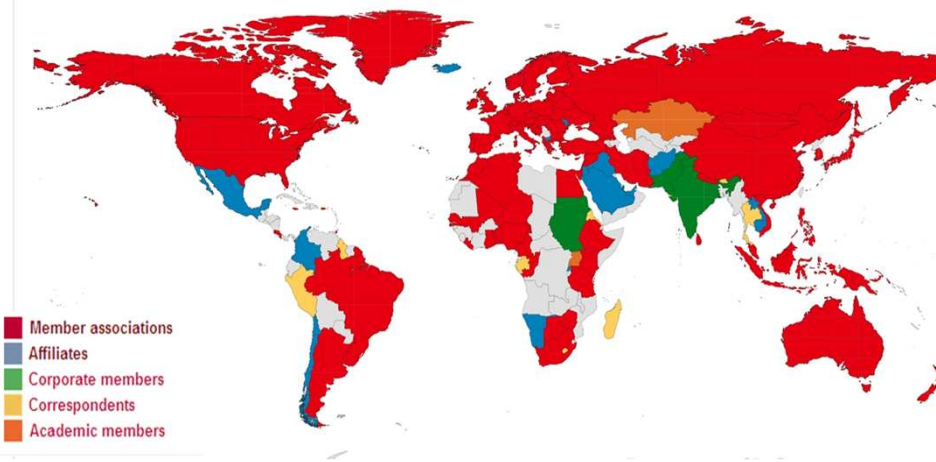
8th FIG Regional Conference

26 – 29 November 2012

Montevideo, Uruguay






Platinum Sponsors:

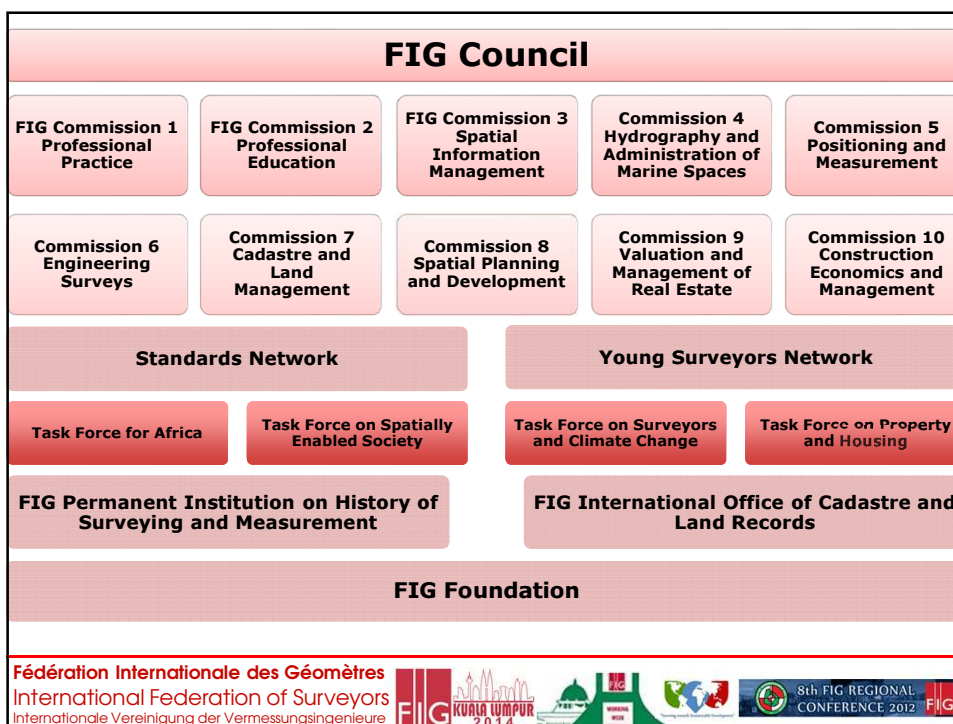
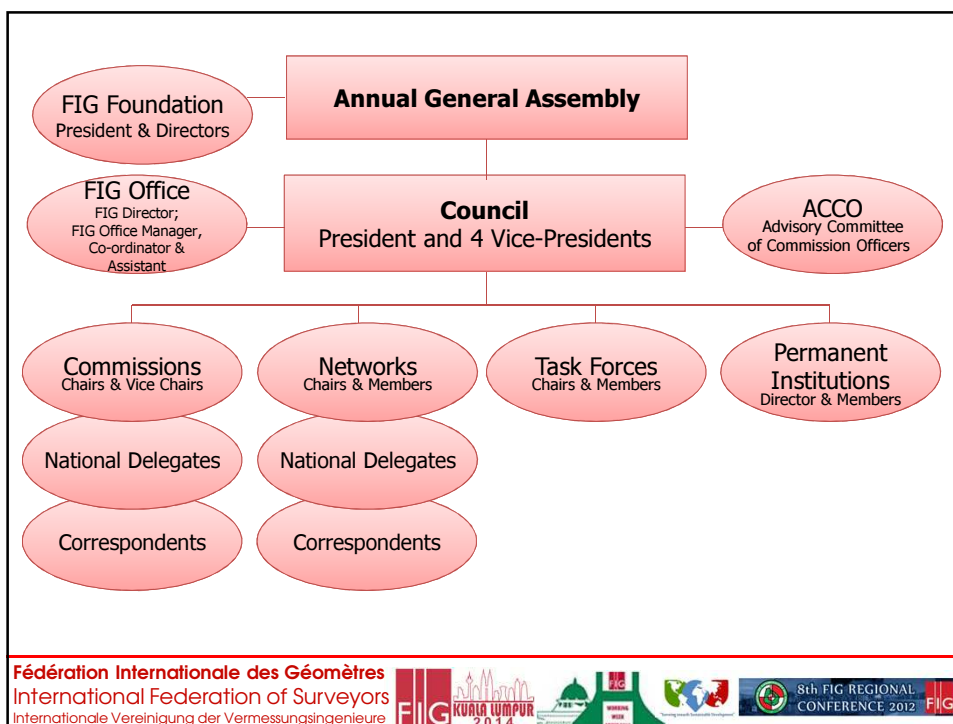


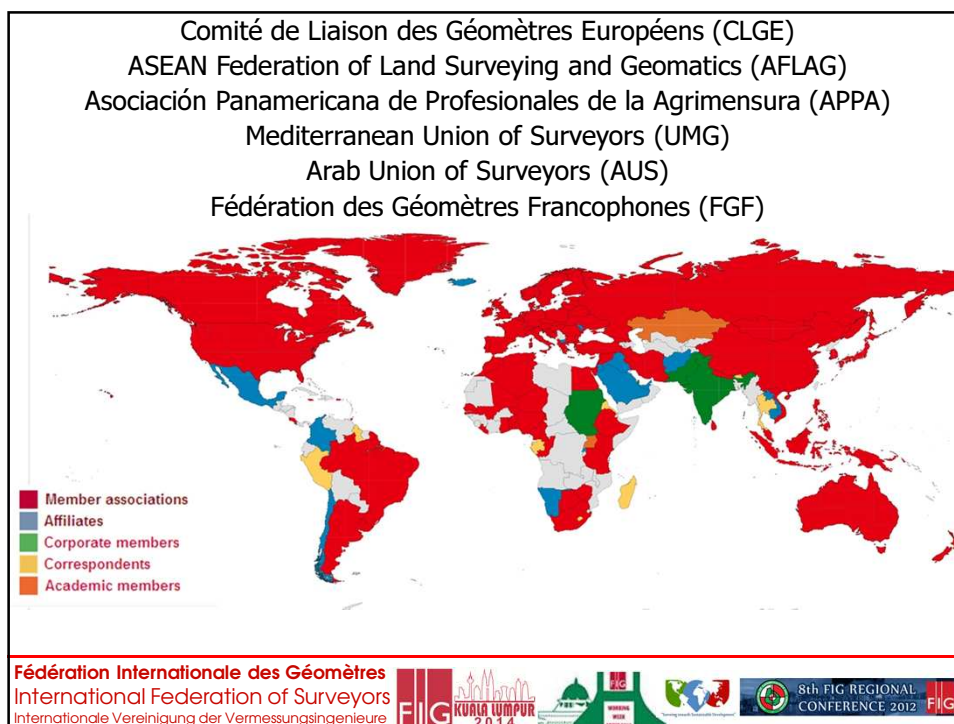


- Member associations
- Affiliates
- Corporate members
- Correspondents
- Academic members

Member Associations; Affiliate Members; Academic Members; Corporate Members & Correspondents
120 Countries

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International Federation of Surveyors
Internationale Vereinigung der Vermessungsingenieure





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)

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2011 - 2014 Work Plan:
Engaging the Challenge: Enhancing the Relevance

Engaging the Membership

- Communications
- Commissions
- Conference Structures

Engaging Global Challenges

- Collaborating
- Contributing
- Cascading

Enhancing the Significance and Relevance towards the betterment

- Society
- Environment
- Economy

Legend:

- Member associations
- Affiliates
- Corporate members
- Correspondent members
- Academic members

Vision
 A Profession, armed with knowledge and best practices, extending the usefulness of surveying for the benefit of society, environment and economy, increasingly positioned in significance and relevance, next door to everywhere.

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RIO+20
 United Nations Conference
 on Sustainable Development
 20 – 22 June 2012, Rio de Janeiro, Brazil

“Recognize the importance of comprehensive hazard and risk assessments, and knowledge and information sharing, including reliable geospatial information”

*‘The Future We Want’
 2012 Rio +20 Conference*

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VOLUNTARY GUIDELINES ON THE

Responsible Governance of Tenure

OF LAND, FISHERIES AND FORESTS IN THE CONTEXT OF NATIONAL FOOD SECURITY




Endorsed on 11th May 2012 by the United Nations Committee on World Food Security

The guidelines address a wide range of issues including recognition and protection of legitimate tenure rights, even under informal systems; best practices for registration and transfer of tenure rights; managing expropriations and restitution of land to people; rights of indigenous communities; ensuring that investment in agricultural lands occur responsibly and transparently; dealing with the expansion of cities into rural areas








Annual World Bank Conference on Land and Poverty
Land Governance in a rapidly changing environment
April 23-26, 2012 | Washington, DC



Actors ❖ Activities

Complex ❖ Courage





Kuala Lumpur Declaration on Spatially Enabled Government & 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 "Towards Spatial Maturity" held at the Kuala Lumpur Convention Centre, Kuala Lumpur, Malaysia on February 15th and 16th, 2012, having met in the context of building trust to promote understanding and to enhance collaboration in the field of geospatial information and spatial enablement that addresses current national, regional and global challenges, hereby issue this **Kuala Lumpur Declaration on Spatially Enabled Government and Society.**

Recalling Resolution 16 at the 13th United Nations Regional Cartographic Conference for Asia and the Pacific in 1994 that established the Permanent Committee on GIS Infrastructure for Asia and the Pacific (FIGIAP).

Noting Resolution 1 at the 16th United Nations Regional Cartographic Conference for Asia and the Pacific in 2003 on the importance of spatial data infrastructures in supporting sustainable development at national, regional and global levels.

Further noting Resolution 5 at the 18th United Nations Regional Cartographic Conference for Asia and the Pacific in 2009 to understand, compare and determine the state of spatially enabled government and society including levels of maturity and governance of spatial data infrastructure in the region.

Bearing in mind that the rapid development and increased demand for spatial information infrastructures in all countries in past years has made geospatial information an invaluable tool in policy planning and evidence-based decision making.

Mindful that spatial enablement, that is, the ability to add location to almost all existing information, unlocks the wealth of existing knowledge about social, economic and environmental matters, and can play a vital role in understanding and addressing the many challenges that we face in an increasingly complex and interconnected world.

Acknowledging that spatial enablement, by definition, requires information to be collected, updated, analyzed, represented, and communicated, together with information on ownership and custodianship, in a consistent manner to underpin effective delivery systems, good governance, public safety and security towards the well being of societies, the environment and economy.

Recognizing that geospatial information includes 'fundamental data' that is essential and therefore must have authority, currency, resilience and sustainability; be comprehensive, freely available, accessible and usable for informed decision-making, which immediately leads to better policies and sustainable actions, and more open, accountable, responsive and efficient governments.

Agree that spatially enabled societies and governments, 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.

Resolve to fully support the initiative of the United Nations to implement global mechanisms to foster geospatial information management among the Member States, international organizations, and the private sector, and in this regard to make every effort to:


- enhance national efforts including investments towards the managing of all information spatially and the realizing of spatially enabled governments and societies with a focus on citizens and users;
- confirm the importance of governance and legislative frameworks and the need for legislative interoperability;
- confirm the importance of authoritative and assured data and information, encourage the incorporation of volunteered information, develop enabling platforms by locating, connecting and delivering information from different scales, purposes and origins;
- confirm the importance of common geodetic reference frameworks, positioning and network infrastructures;
- avail resources to invest, manage and sustain the capture, collection and collation of fundamental data and information and to reduce duplication in these efforts;
- build and use common standards and frameworks to ensure interoperability;
- enhance institutional arrangements and stakeholder collaborations; and
- improve returns on investment through better coordination, use and reuse of data, information and systems and to enhance innovation and productivity.

Kuala Lumpur
16th February 2012



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UN-GGIM | United Nations Initiative on Global Geospatial Information Management | ggim.un.org

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

“The rapid advances in geospatial information and technologies, and their easy accessibility, have made such information an invaluable tool in research, policy and business planning and implementation. Across all sectors of society, it is increasingly recognized that the effective use of geospatial information helps address many of the current humanitarian, peace and security, environmental, and development challenges facing the world, such as climate change, natural disasters, disease pandemics, famines, population displacement, food and economic crises, which are of a cross-border nature requiring both global, regional and national policy responses.”

(United Nations Secretary General's Report to the UN Economic and Social Council, 2011)

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WELCOME TO THE 23RD GOVERNING COUNCIL

UN HABITAT

Continuum of Land Rights Global Land Tool Network, UN-HABITAT (2010)

The Social Tenure Domain Model
 A Pro-Poor Land Tool
 FIG Publication No. 52

include rights that are documented as well as undocumented, from individuals and groups, from pastoralist and informal settlers, that are legal as well as extra-legal and informal

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Approach - Global Housing Strategy to the Year 2025

Source: UN-Habitat

(FIG Task Force on Property and Housing)

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Contributing to studies related to climate change -

may include assessing the accuracy of relevant technologies; opportunities for spatial measuring and monitoring; providing an unbiased, pragmatic approach to data interpretation; contributing to the understanding of the datums and reference frames that underpin global measurement systems; and systems for land administration, management and settlement that may accommodate land use changes driven by climate variability and help improve productivity.



(FIG Task Force on Surveyors and Climate Change)

(From Norbert Lantschner, FIG WW, 2012)

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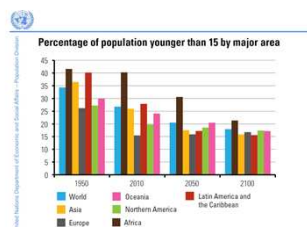
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Median Age in Years	1950	1980	2010	2050	2100
Latin America and Carribean	20.1	20.1	27.9	41.0	46.6
Africa	19.2	17.5	19.8	26.4	35.9
World	23.9	23.1	29.4	37.9	41.9

(United Nations Department of Economic and Social Affairs)



Youth Responsiveness to Land

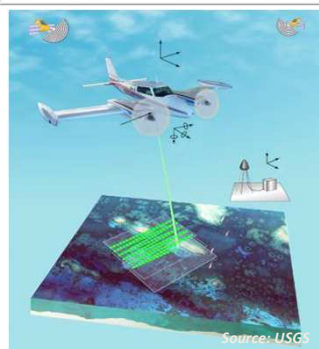
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Source: www.ita.nl



Source: USGS

Professionals are equipped with both additional knowledge and training to make informed decisions and judgment and perceived to bring with it both authority and standing in society

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"Surveying towards Sustainable Development"
 Montevideo, Uruguay, 26th – 29th November 2012
www.fig.net/uruguay



"Environment for Sustainability"
 Abuja, Nigeria, 6th – 10th May 2013
www.fig.net/fig2013

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"Engaging the Challenge; Enhancing the Relevance"
 Kuala Lumpur, Malaysia, 16th – 21st June 2014
www.fig.net/fig2014