

Second Session of the United Nations Committee of Experts on Global Geospatial Information Management

Report: JOINT BOARD OF GEOSPATIAL INFORMATION SOCIETIES



New York, USA
August 2012



Content

- ▶ Joint Board of Geospatial Information Societies
- ▶ Developing strategic frameworks for geospatial information
- ▶ Establishing institutional arrangements, legal and common frameworks
- ▶ Building capability and capacity
- ▶ Assuring quality
- ▶ Promoting data sharing, accessibility and dissemination
- ▶ Embracing trends in Information Technology
- ▶ Promoting Geospatial Advocacy and Awareness
- ▶ Partnering with civil society and the private sector
- ▶ Future Document
- ▶ Collective will
- ▶ Commitment



- ▶ 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 Trade Association (IMTA)
- ▶ International Society of Photogrammetry and Remote Sensing (ISPRS)
- ▶ International Steering Committee for Global Mapping (ISCGM)

Ad hoc Committee on Capacity Building in Africa
Ad-hoc Committee on Risk and Disaster Management



- ▶ Committed support
- ▶ Through
 - Collaborative initiatives and programmes
- ▶ To
 - Establish and grow capacity
 - Deliver timely, comprehensive and useful geospatial information



Developing strategic frameworks for geospatial information

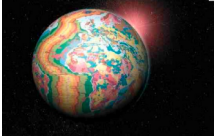


JB GIS provides input into developing strategic frameworks

Member organisations operate at an international level provide institutional support at regional and national levels

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- ▶ IHO
 - ▶ Regional Hydrographic Commissions
- ▶ GSDI
 - ▶ SDI international cooperation and collaboration
- ▶ ICA
 - ▶ "Regional Symposia for Cartography"
 - ▶ Mapping Africa for Africa
- ▶ FIG
 - ▶ Regional Conferences and Working Weeks.
 - ▶ African Task Force
- ▶ ISCGM
 - ▶ Development of Global Mapping



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- ▶ JB GIS requests two issues be addressed under this topic
 - development of a roadmap towards spatial enablement, via National SDIs or any jurisdictional SDI platform
 - ▶ providing clear roles and responsibilities
 - ▶ establishing mechanisms for performance monitoring and/or reporting and risk management.
 - effects of continued public sector budget cuts on the efficacy and sustainability of many NMOs
 - ▶ Identify
 - activities needing revision
 - top priority activities and responsibilities to maintain and traditional activities/responsibilities to suspend
 - activities/responsibilities to be shared with, or moved to, other organizations

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Establishing institutional arrangements, legal and common frameworks

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JB GIS member organisations can assist in the area of institutional arrangements, legal and common frameworks.

Work of selected Commissions and Working Groups can address topics specified through UN GGIM deliberations

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- ▶ FIG
 - ▶ Standards Network
 - ▶ Guide on Standardisation
- ▶ ISPRS
 - ▶ Education Commission
 - education and training
 - technology transfer
 - distance learning
 - youth forum
 - outreach activities




FIG Africa Task Force Workshop on Proactive Planning for Infrastructure in Peri-Urban Settlements, Nairobi, Kenya 2010

JBGIS
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- ▶ JB GIS requests two issues be addressed under this topic
 - Consideration and further discussion of governance structures
 - ▶ specifically enabling effective collaboration and political engagement
 - fostering a transparent and open environment with defined roles and responsibilities.
 - Consideration to develop clear definitions of the terms "consistency" and "maturity".

Building capability and capacity

JB GIS offers access to its member organisations' outreach and technology transfer programmes

Scientific, technical and social research - specification, collection, analysis and representation

► IEEE Geoscience and Remote Sensing Society

- International Geoscience and Remote Sensing Symposia
- Remote Sensing Summer School

► FIG

- capacity building through Institutional support

► IHO

- Capacity building Programme
- Cooperative training and support to States



International Hydrographic Organisation CAT '0' course, at national Institute of Hydrography, Goa, India

Assuring the quality of geospatial information

Members of JB GIS can undertake activities to contribute to the assurance of Geospatial information quality

► ICA

- Standards Commission
- Data quality Commission

► ICA/IGU

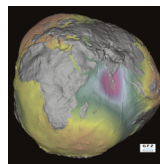
- Joint Working Group on typonomy

► IAG

- Unify geometric and gravity services

► IHO

- international standards
- exchange of relevant data and information



<http://www.gis.com>
pubdam_splnews/020/images/022/Pr02dam-
P02-00000122-020xk/020xk-1250x1250.jpg

Promoting data sharing, accessibility and dissemination

Member organisations of JB GIS actively implement programmes for sharing of and access to Geospatial information

Well established and successful programmes

▶ ISCGM

- ▶ Global Map - data sets of known and verified quality
- ▶ consistent specifications

▶ IHO

- ▶ Collective, comprehensive hydrographic information.



Embracing trends in Information Technology

Member organisations active in developing and introducing new technologies

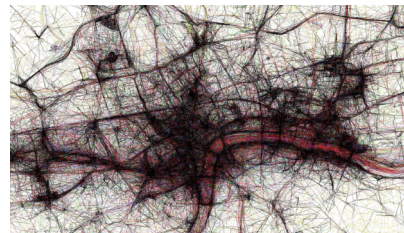
Monitoring 'best practice', developing technology for geospatial applications and knowledge transfer

▶ ISPRS

- ▶ Work of technical commissions
- ▶ Publications, symposia

▶ ICA

- ▶ Research Agenda
- ▶ Commission on NeoCartography



Promoting Geospatial Advocacy and Awareness

JB GIS - committed advocates of the importance and value of Geospatial information

Promotion of benefits of access to quality Geospatial information

Contribute knowledge, training and 'best practice' examples

▶ ISPRS

- VALID (Value of Geo-Information for Disaster and Risk Management) project

▶ GSDI

- ▶ Geographic Information Knowledge Network

▶ JBGIS/UNOOSA

- ▶ Geoinformation for Disaster and Risk Management – Examples and Best Practices



Partnering with civil society and the private sector

Existing JB GIS partnerships can support UN GGIM

▶ IMTA

- ▶ promotes interests of companies in the industry
- ▶ Represents retailers and manufacturers of globes, developers of GIS.

▶ IHO

- ▶ active participation of industry and stakeholders
- ▶ observers or expert contributors to standards, guidelines and capacity building

▶ IGU

- ▶ addressing global climatic change
- ▶ initiative - United Nations decree an International Year of Global Understanding in 2014



Future document

- ▶ JB GIS suggests consideration for inclusion in this document
 - Alignment with e-government activities
 - Role of the research community
 - Online trust
 - Spatially Enabling Society
 - Integration of authoritative and volunteered geographic information
 - Human resource considerations to meet needs

Collective will

VALID Project

Kuala Lumpur Declaration on Spatially Enabled Government and Society supported by JBGIS members

Support of the Hangzhou Forum

Commitment



Thank You