

UN-GGIM: Americas, Fourth Session

“UN-GGIM: Americas 2.0, what are the Next Steps ?”

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United Nations, DESA/UNSD, UN-GGIM Secretariat

Santiago, Chile, 5 April 2017



UN-GGIM

United Nations Committee of Experts on
Global Geospatial Information Management

Positioning geospatial information to address global challenges

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OUTLINE

- The UN-GGIM Agenda – 2.0
- The Global Agenda
- Decisions contributing to the UN-GGIM global agenda
- The UN-GGIM Strategy and 2017 Session Agenda
 - Major work items
 - New agenda items
- UN-GGIM Regional Committees
- What is next ?



Global Development Agenda



TRANSFORMING OUR WORLD:

THE 2030 AGENDA FOR SUSTAINABLE DEVELOPMENT



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Global Development Agenda



United Nations
Framework Convention on
Climate Change

UNITED NATIONS
**PARIS CLIMATE
AGREEMENT**
SIGNING CEREMONY
— 22 APRIL 2016 —



**Sendai Framework
for Disaster Risk Reduction
2015 - 2030**



TRANSFORMING OUR WORLD:

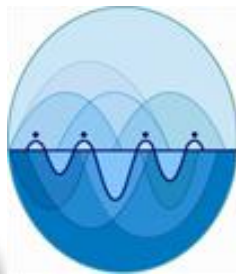


**THE 2030 AGENDA FOR
SUSTAINABLE DEVELOPMENT**



FINANCING FOR
DEVELOPMENT
15-16 JULY 2015 - ADDIS ABABA - ETHIOPIA

**Addis Ababa Action Agenda
of the Third International Conference on
Financing for Development**
[Addis Ababa Action Agenda]



ISLAND VOICES
GLOBAL CHOICES
|
UN Conference on
Small Island
Developing States
Apia, Samoa | 2014



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The next 5 years: UN-GGIM 2.0



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UN-GGIM 2.0, Next Steps

1. **Maturity:** Moving from “GGIM 1.0 to GGIM 2.0” – determining our value proposition to ECOSOC in the next 2-3 year horizon.
2. **Strategy and roadmap** on the ECOSOC resolution and how we implement the new and strengthened mandate.
 - A new strategic plan for UN-GGIM that considers 2020 and beyond in 5 year time steps.
3. **Raising more awareness**, including political, of UN-GGIM and connecting the political - technical levels within Member States.
4. **Connecting** more to the **activities** of the regional committees, commissions, and statistical bodies.
5. Ensuring **effective coordination and linkages** across Expert & Working Groups.
6. Extra-budgetary and **funding options**, including ways of implementation.
7. More **capacity development** for countries in next 5 years – developing guides, standards, methods and norms.



The UN-GGIM Agenda – 2.0 ?

Inventory of Issues,
August 2012

Future trends

ECOSOC Resolution
July 2012

Decisions
6th Session UN-GGIM
August 2016

Expanded Bureau Meeting
December 2016

United Nations
Economic and Social Council

Distr.: G
23 September 2012
Original: E

Future trends

ECOSOC Resolution

July 2012

Decisions
6th Session UN-GGIM
August 2016

Expanded Bureau Meeting
December 2016

Committee
First session
26 October 2012
Item 6 of the agenda
Inventory of issues



Future trends in
information management
the five to ten year

United Nations
Economic and Social Council

Economic and Social Council
Official Records, 2016
Supplement No. 26

2016 session
Agenda item 18 (i)

Resolution adopted

2016/27. Street

The Economic and Social Council, recalling the General Assembly's endorsement of Sustainable Development Goals and Government monitoring and policymaking, pro...

Recalling also which the Assembly 2030 Agenda for Sustainable Development, new data acquisition timeliness and development agencies wide range of data ensuring national o...

Bearing in mind Framework for Data Modalities of Action actions in new digital geospatial information to strengthen the av...

Recalling the General Assembly's call for a global geospatial information sharing of international reference frame and intergovernmental...

16-13489 (E)

Committee of Experts
Information Management

Report on the sixth session
(3-5 August 2016)

United Nations • New York

United Nations Committee of Experts on
Global Geospatial Information Management

Report of the
UN-GGIM Expanded Bureau Meeting

7-9 December 2016,
Conference Rooms A and B,
UN Headquarters, New York

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challenges
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Inventory of Issues

1. A strategic framework for GI
2. Establishing **institutional arrangements** and **legal and common frameworks**
3. Building **capability and capacity**
4. Assuring quality of GI
5. Promoting **data sharing, accessibility and dissemination**
6. Embracing **trends in information technology**
7. Promoting **geospatial advocacy and awareness**
8. Working in **partnership with civil society and the private sector**
9. Linking **GI to statistics**

Future Trends

Five broad themes

1. Trends in technology and future direction of data creation and management
2. Legal and policy developments
3. Skills requirements and training mechanisms
4. Role of the private and non government sectors
5. Future role of governments in data provision and management



ECOSOC Resolution 2016/27

Strengthening institutional arrangements on GIM

- Continue to contribute more to the work of the United Nations.
- Renamed ECOSOC's agenda item from "Cartography" to "Geospatial Information".
- Encouraged Member States to **mobilize additional funds and resources**.
- Encouraged support to cover MS participation.
- Requested **that UN Regional Commissions provide support** to UN-GGIM regional bodies.
- Acknowledges the **importance of capacity building**.
- It explicitly recognizes the **relevance of geospatial information for the various United Nations policy agendas**.
- Addresses the issue of **sustainable funding**, and anchors the Committee in the regular UN conference calendar.
- ECOSOC requested that UN-GGIM report in 5 years on the implementation of the resolution

<http://ggim.un.org/Programme%20Review.html>



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Decisions, 6th Session UN-GGIM, August 2016

Decision 6/101: Contribution of regional committees and thematic groups to the global geospatial information agenda

- recognized that more needs to be done in order to increase and strengthen capacity development and regional cooperation in GIM
- agreed to the establishment of the Academic Network and the Private Sector Network.

Decision 6/102: Global geodetic reference frame

- Endorsed the road map for the global geodetic reference frame as a principle-based briefing document for national governments
- requested that the Sub-Committee continues its outreach and communication, particularly with appropriate regional initiatives and activities
- urged Member States to translate the roadmap into their own languages and submit them to the Secretariat to be posted on the UN-GGIM website.

Decision 6/104: Trends in national institutional arrangements in geospatial information management

- Working Group is encouraged to continue its work in close consultation with the global geospatial community and, in order to give the work greater focus,



Decisions, 6th Session UN-GGIM, August 2016

Decision 6/103: Determination of global fundamental geospatial data themes

- Member States and regional committees to continue to interact with the Working Group on their work on determining fundamental geospatial data themes
- Encouraged Member States to continue to contribute to the global Second Administrative Level Boundary (SALB) data project.

Decision 6/105: Legal and policy frameworks, including issues related to authoritative data

- It is essential for any legal and policy frameworks that can impact on GI be developed in partnership with the geospatial community, the legal community, and other related areas of the Committee.

Decision 6/106: Implementation and adoption of standards for the global geospatial information community

- Member States to review their standards and interoperability requirements in regards to the sustainable development goals and consider how they can participate.



Decisions, 6th Session UN-GGIM, August 2016

Decision 6/107: Integration of geospatial, statistical and other information

The EG focus on consolidation and implementation of the Global Statistical Geospatial Framework; encouraged to focus on capability building; knowledge management; sharing of good practices, e.g. use of technological tools; encouraged to build on the work by other bodies at the global and regional level and enable them to do vice versa.

Decision 6/108: Application of geospatial information related to land administration and management

- and encouraged MS and the regional committees to participate in the development of the EG action plan and other activities.

Decision 6/109: Activities related to sustainable development and the 2030 Agenda for Sustainable Development

- Encouraged regional committees and MS to embark on similar initiatives (as UN-GGIM Europe WG on Data Integration) and national and inter-regional exchanges and cooperation, including with the statistical community towards better integration of processes for measuring and monitoring relevant SDG indicators.,



Decisions, 6th Session UN-GGIM, August 2016

Decision 6/110: Geospatial information and services for disasters

- Recognised that, at an appropriate time, robust plans for capacity building and resource mobilization is necessary to assist developing countries and SIDS in ensuring the availability and accessibility of adequate, reliable and standards-based GI across all phases of disaster risk reduction and management.
- Member States are urged to examine and adopt geospatial data, technology and standards processes being implemented within the Arctic Spatial Data Infrastructure initiative.

Decision 6/111: Knowledge base for geospatial information management

- Requested the Secretariat to continue supporting, maintaining and improving the knowledge base portal in close cooperation with the secretariats of the regional committees and the international organizations concerned.



Expanded Bureau Meeting

December 2016

Regional committees and Member States were encouraged to:

- ensure coherence and integration of agendas among their WGs and how they tie back to the global activities. Connectivity and cross-regional relationships are encouraged among regional committees
- engage United Nations Regional Commissions as well as relevant continental, regional or sub-regional political structures in pursuing their work agenda.
- Have closer cooperation with the GGRF., as most of their work plans included work items on Geodesy.
- Use ECOSOC Resolution E/RES/2016/27 to ask for better and improved coordination of geospatial information activities within the UN system.
- To actively and appropriately represent the Committee of Experts.
- be more assertive in advocacy and messaging, and communications must be consistent and continual at all levels
- to provide in-kind contributions through sabbaticals, secondments, fellowships



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Implementation

Question

Following discussions on capacity development the question asked of the Bureau was “*Does UN-GGIM carry out implementation, considering that it is a peak inter-governmental mechanism primarily concerned with global policy and strategy?*”


Decision

It was agreed that UN-GGIM as the peak inter-governmental mechanism should primarily concern itself **with global policy and strategy, global norm setting, concepts and frameworks and global principles and standards.** Implementation can be a very **local matter and hence more feasible via Regional Committees “Plans of Action” that can take global outcomes down to regional, sub-regional and local levels.**



The UN-GGIM Strategic Framework

- UN-GGIM Strategic Framework is to be a “living document”
- UN-GGIM expert groups and working groups were encouraged to align their work programmes with the UN-GGIM Strategic Framework on its finalization



UN-GGIM
2017-2021 Strategic Framework

VISION		Positioning geospatial information to address global challenges				
CONTEXT	MISSION	Operating within agreed policies and institutional arrangements, and as an interconnected global community of practice, the Committee of Experts will ensure that geospatial information and resources are coordinated, maintained, accessible, and able to be used effectively and efficiently by Member States and society to address key global challenges in a timely manner				
	MANDATED STRATEGIC OBJECTIVES	Provide leadership in setting the agenda for the development of global geospatial information and to promote its use to address key global challenges	Provide a forum for coordination and dialogue with and among Member States and relevant international organizations on enhanced cooperation	Provide a platform for the development of effective strategies to build and strengthen national capacity and capability concerning geospatial information, especially in developing countries	Propose work-plans, frameworks and guidelines to promote common principles, policies, methods, standards and mechanisms for the interoperability and use of geospatial data and services	Make joint decisions and set the direction for the production and use of geospatial information within and across national, regional and global policy frameworks
	GLOBAL POLICY FRAMEWORK	Transforming our World: The 2030 Agenda for Sustainable Development				
REQUIREMENTS	GEOSPATIAL CHALLENGES & DRIVERS	Sendai Framework for Disaster Risk Reduction 2015-2030	SIDS Accelerated Modalities of Action (SAMOA) Pathway	Addis Ababa Action Agenda	Paris Agreement on Climate Change	HABITAT III Urban Agenda
	DIRECT NATIONAL BENEFITS & EFFICIENCIES	<ul style="list-style-type: none"> Reduced duplication of effort in the capture, management, and delivery of fundamental geospatial information Authoritative, reliable and maintained geospatial data available nationally, regionally, and globally Increased return on investment through better coordination, use and reuse of data, information and systems Better evidence-based decision making, supported by good data, science and policy More open, accountable, responsive and efficient governments Presentation and delivery of timely and 'fit for purpose' data in times of need Increased collaboration and integration of national data and information systems across all levels of government Best practices and use cases for enriching national processes on geospatial information management 				
	OPERATING PRINCIPLES	Sound Nat. Policies, Legal Frameworks & Institutional Arrangements	Provision of Fundamental Authoritative Data and Information	Agreed Standards, Methods, Guides and Frameworks	Principles on Geospatial Information and Open Data	Integration and Interoperability of National Information Systems
DELIVERABLES	WORKING ACTIVITIES AND OUTPUTS	<ul style="list-style-type: none"> Geospatial Information for Sustainable Development: 2030 Agenda, Sendai Framework, etc. Integration of Geospatial & Statistical Information: Implement the Global Statistical Geospatial Framework Geospatial Information and Services for Disasters: Implement Strategic Framework Global Geodetic Reference Frame: Roadmap to Implement Determination of global fundamental data themes Marine geospatial information Land administration and management Legal and policy frameworks National institutional arrangements Implementation and adoption of standards for the global geospatial information community National geospatial data and information systems diagnostics and tools 				



UN-GGIM: The 2017 Agenda

1. A global **geodetic reference framework**,
2. Adoption and implementation of **standards**
3. Determining global **fundamental data sets**
4. Geospatial information **supporting Sustainable Development** and the post 2015 development agenda
5. Identification of trends in **national institutional arrangements** in geospatial information management
6. **Integrating geospatial, statistics** and other data
7. **Legal and policy** frameworks
8. **Land Administration** and Management
9. **Disaster risk reduction** and resiliency

New Work Items

1. Strengthening geospatial information management (Bureau)
2. Marine geospatial information (USA NOAA)
3. National geospatial data and information systems (World Bank)
4. Strengthening collaboration with the UN Group of Experts on Geographical Names (UNGEGN)

How is the UN-GGIM Agenda Accomplished

The priorities and work programmes of the Committee of Experts are driven by Member States



Expert and Working Groups

Expert Groups

1. United Nations Expert Group on the Integration of Statistical and Geospatial Information
2. The United Nations Expert Group on Land Administration and Management (UN-EG-LAM)

Working Groups

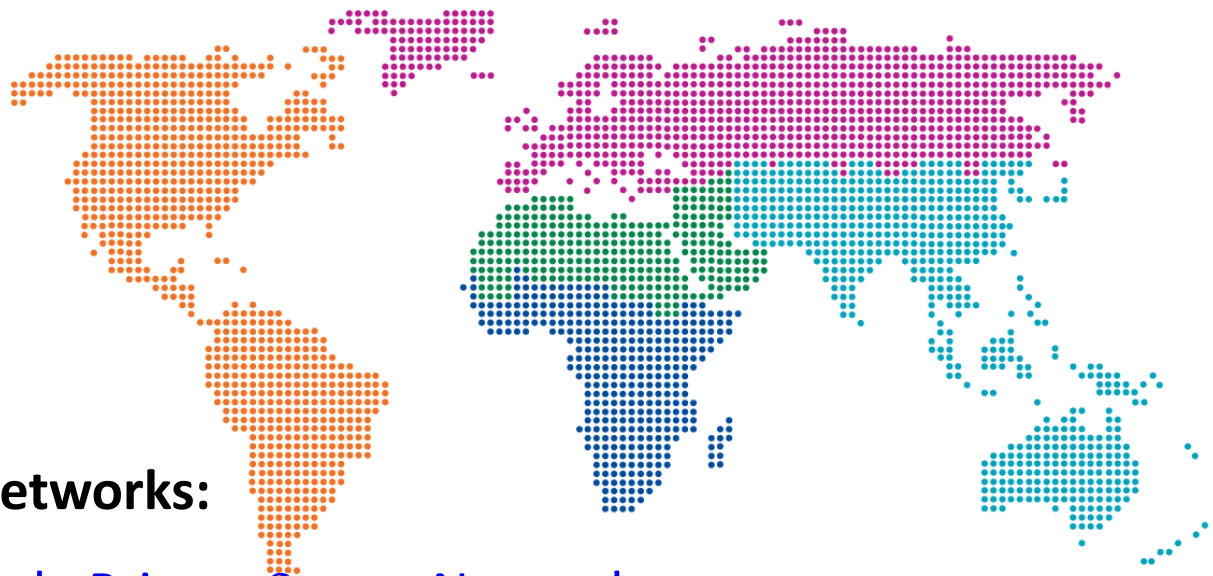
1. Working Group on Global Geodetic Reference Frame
2. Working Group on Development of a Statement of Shared Principles for the Management of Geospatial Information
3. Working Group on Trends in National Institutional Arrangements in Geospatial Information Management
4. Working Group on Geospatial Information and Services for Disasters (WG-Disasters)
5. IAEG-SDGs Working Group on Geospatial Information

UN-GGIM: Integration of regions

A Regional Architecture

UN-GGIM Regional Committees:

- Asia-Pacific
- Americas
- Europe
- Africa
- Arab States



UN-GGIM International Networks:

- JBGIS, Academic Network, Private Sector Network



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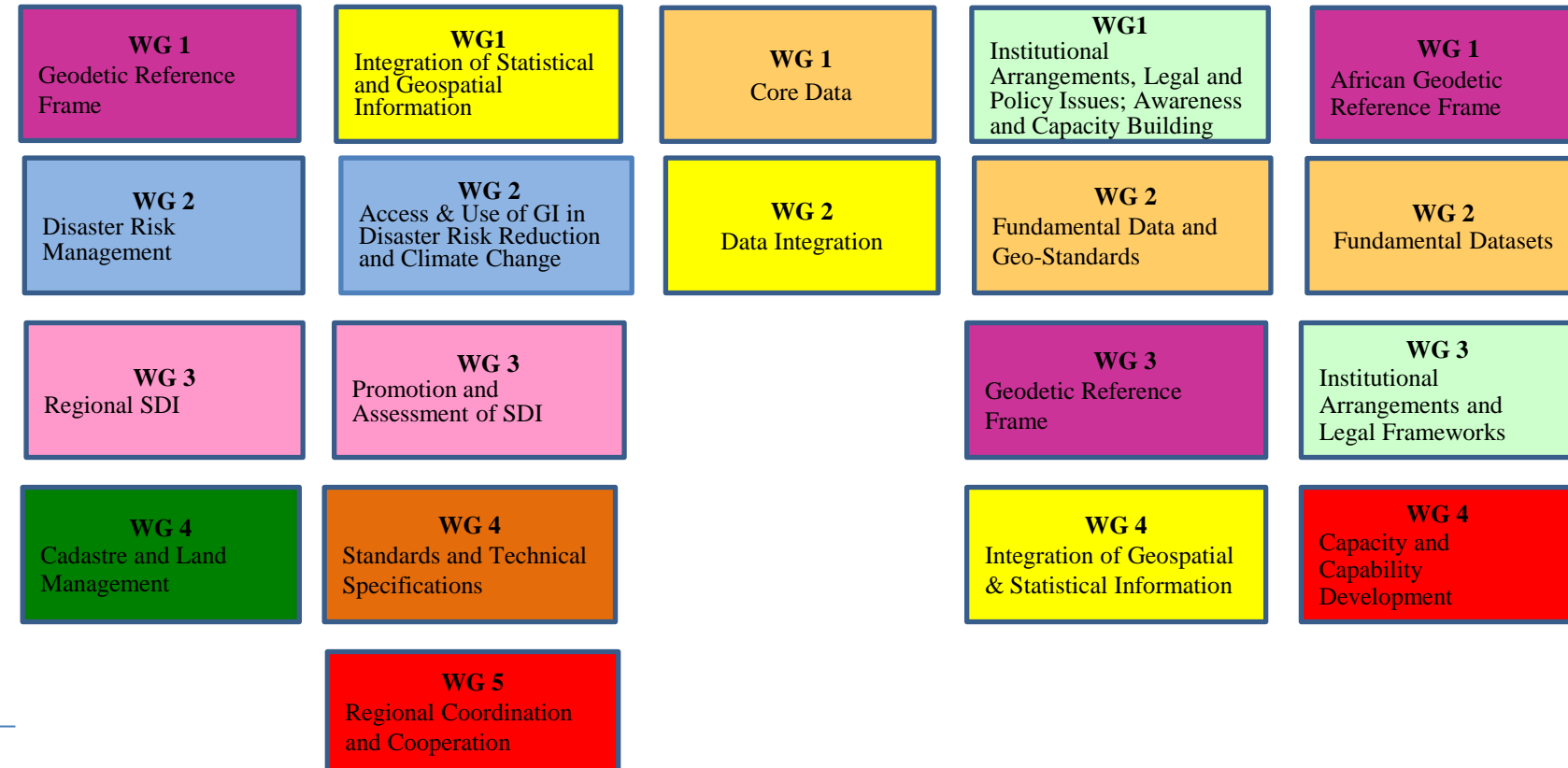
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


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UN-GGIM - Regional Committees

Regional Committees



Working Groups

- | | | |
|--|--|---|
|  3 – Capacity development |  3 - Core Data |  3 - Geodetic |
|  3 - Statistics and Geospatial |  2 - SDI's |  1 - Land |
|  2 - Institutional arrangements |  2 - Disasters |  2 - Standards |

UN-GGIM Americas

CHALLENGES

- Many agenda items –can you contribute
- Does the global agenda match your needs
- How do I move from global – regional to national
- Elections and leadership changes
- Shrinking budgets
- Advocacy the value of GI & communication

SOME STRENGTHS

- Member States/20% of global membership
- Unique governance structure
- Strong leadership
- On going capacity building project
- Treasure chest of best practices & professionals
- History of cooperation – GeoSur, PAIGH, SIRGAS
- Continuous stock taking and evaluation
- No guide book of rules

UN-GGIM Americas, What's next?

At its 4th Meeting Members agreed that:

- It will not be operations as usual?
- Its work will be aligned to the global agenda with focus on:
 - The integration of statistics and geography
 - Supporting implementation and monitoring for the 2030 agenda and SDGs
 - GI for disaster risk reduction and management
- Employ measures to have the SDI development and management aligned to national policies
- Strengthened advocacy and communication, example liaison officers, ambassadors, special thematic advisors?
- Improve relations and communication between Ministries of Foreign affairs/Missions and National Geospatial agencies.
- Strengthened capacity development initiatives are needed



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UNITED NATIONS
COMMITTEE OF EXPERTS ON
GLOBAL GEOSPATIAL
INFORMATION MANAGEMENT



UN-GGIM Secretariat
United Nations
New York

<http://ggim.un.org/default.html>

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