

**5th UN-GGIM-AP Plenary Meeting**  
 17th – 19th October 2016,  
 Kuala Lumpur, Malaysia

**UN-GGIM:**  
*Making a difference*

CheeHai TEO & Greg SCOTT  
 Global Geospatial Information Management  
 Statistics Division | Department of Economic and Social Affairs  
 United Nations | 2 UN Plaza  
<http://ggim.un.org> | <http://unstats.un.org>

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 Global Geospatial Information Management [ggim.un.org](http://ggim.un.org)

Transforming our world –  
 The 2030 Agenda For  
 Sustainable Development

**PEOPLE**  
 End poverty and hunger  
 in all forms and ensure  
 dignity and equality

**PLANET**  
 Protect our planet's  
 natural resources  
 and climate for  
 future generations

**PROSPERITY**  
 Ensure prosperous  
 and fulfilling lives in  
 harmony with nature

**Partnership**  
 Implement the agenda  
 through a solid global  
 partnership

**PEACE**  
 Foster peaceful, just and  
 inclusive societies

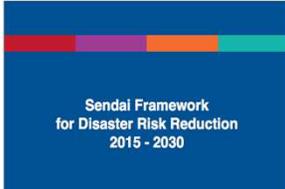
**Sustainable  
 Development**

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## Global Development Agenda



**United Nations**  
Framework Convention on  
Climate Change



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



**UNITED NATIONS**  
**SUSTAINABLE**  
**DEVELOPMENT**  
**SUMMIT 2015**  
25 - 27 SEPTEMBER



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



**THIRD INTERNATIONAL CONFERENCE**  
**FINANCING FOR DEVELOPMENT**  
14-16 OCTOBER 2015 - ADDIS ABABA - ETHIOPIA

**Addis Ababa Action Agenda**  
of the Third International Conference on  
**Financing For Development**  
(Addis Ababa Action Agenda)

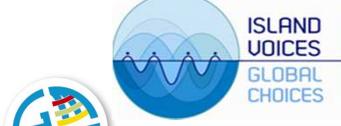


**HABITAT III**  
2016



**TRANSFORMING OUR WORLD:**

**THE 2030 AGENDA FOR**  
**SUSTAINABLE DEVELOPMENT**



**ISLAND VOICES**  
**GLOBAL CHOICES**



UN Conference on  
Small Island  
Developing States  
Apia, Samoa | 2014



**H III**  
**HABITAT III**  
QUITO - OCTOBER 2016



**SUSTAINABLE DEVELOPMENT GOALS**



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## NEW URBAN AGENDA

156. We will promote the development of national information and communications technology policies and e-government strategies as well as citizen-centric digital governance tools, tapping into technological innovations, including capacity development programmes, in order to make information and communications technologies available to the public, including women and girls, children and youth, persons with disabilities, older persons and persons in vulnerable situations, to enable them to develop and exercise civic responsibility, broadening participation and fostering responsible governance, as well as increasing efficiency. **The use of digital platforms and tools, including geospatial information systems, will be encouraged to improve long-term integrated urban and territorial planning and design, land administration and management, and access to urban and metropolitan services.**



**H III**  
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**NEW URBAN AGENDA**

159. We will support the role and enhanced capacity of national, sub-national, and local-governments in **data collection, mapping, analysis, and dissemination, as well as in promoting evidence-based governance**, building on a shared knowledge base using both globally comparable as well as locally generated data, including through censuses, household surveys, population registers, community-based monitoring processes and other relevant sources, **disaggregated by income, sex, age, race, ethnicity, migration status, disability, geographic location**, and other characteristics relevant in national, sub-national, and local contexts.

160. We will foster the creation, promotion, and enhancement of open, user-friendly, and participatory data platforms using technological and social tools available to transfer and share knowledge among national, sub-national, and local governments and relevant stakeholders, including non-state actors and people, to **enhance effective urban planning and management, efficiency, and transparency** through e-governance, information and communications technologies assisted approaches, and **geospatial information management**.



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## Global Development Agenda



**United Nations Framework Convention on Climate Change**

**PARIS CLIMATE AGREEMENT**  
SIGNING CEREMONY  
22 APRIL 2016

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

**UNITED NATIONS SUSTAINABLE DEVELOPMENT SUMMIT 2015**  
25 - 27 SEPTEMBER

**TRANSFORMING OUR WORLD:**

**THE 2030 AGENDA FOR SUSTAINABLE DEVELOPMENT**

**FINANCING FOR DEVELOPMENT**  
FINANCING FOR DEVELOPMENT  
2015-2016

**Addis Ababa Action Agenda of the Third International Conference on Financing for Development**  
(Addis Ababa Action Agenda)

**HABITAT III**  
2016

**ISLAND VOICES GLOBAL CHOICES**

**UN Conference on Small Island Developing States**  
Apia, Samoa | 2014

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QUITO - OCTOBER 2016

**SUSTAINABLE DEVELOPMENT GOALS**

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### United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM)



**A formal inter-governmental UN Committee of Experts to:**

- Discuss, enhance and coordinate Global Geospatial Information Management activities by involving Member States at the highest level;
- Work with Governments to make joint decisions and set directions on the use of geospatial information within national and global policy frameworks;
- Address global issues and contribute collective knowledge as a community with shared interests and concerns;
- Develop effective strategies to raise geospatial awareness and usefulness; to develop capacity particularly in developing countries;
- To make timely, reliable and authoritative geospatial information consistently and readily available to support national, regional and global development.





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### United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM)



**Integrating needs and activities**

- Significant gap among countries
- Lack of global decision-making
- Mandate of Governments
- High level coordination
- National and global policy frameworks
- Geospatial capacity development
- Address global issues as a community



- Sustainable development
- Global geodetic reference frame
- Global fundamental geospatial data themes
- Institutional arrangements, legal and policy frameworks
- Information, Data, Standards and technical specifications
- Integration of geospatial and statistical information
- Land administration and management
- Disaster risk reduction



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**United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM)**


### Regional architecture

**UN-GGIM Bureau:**  
Co-Chairs: USA, China and Mexico; Rapporteur: Burkina Faso

**UN-GGIM Regional Committees & Chairs:**

- Asia-Pacific: Japan
- Americas: Mexico
- Europe: Sweden
- Africa: Ethiopia
- Arab States: Saudi Arabia

**UN-GGIM International Networks:**

- JBGIS, Academic Network, Private Sector Network



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**United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM)**


The peak inter-governmental mechanism to make joint decisions and set directions on the production and use of geospatial information within national and global policy frameworks, UN-GGIM also provides a forum for Member States to strengthen the geospatial information management capacities of developing countries for better policy making at national, regional and global levels.

**Sub-committee**

1. Geodesy

**Expert Groups**

1. Integration of Statistical and Geospatial Information
2. Land Administration and Management (UN-GGIM: EG-LAM)

**Working Groups**

1. Statement of Shared Principles for the Management of Geospatial Info
2. Trends in National Institutional Arrangements in Geospatial Information Management
3. Fundamental Geospatial Data Themes
4. Geospatial Information and Services for Disasters (WG-Disasters)

**IAEG-SDGs**

1. Working Group on Geospatial Information



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 <b>IAEG-SDGs</b> Inter-agency Expert Group on SDG Indicators		<b>Working Group on Geospatial Information</b>	
<b>Terms of Reference:</b>			
<p>The primary objective of the Working Group is to ensure from a statistical and geographic location perspective that the key principle of the 2030 Agenda to leave no one behind is reflected in the Global indicator framework.</p>			
<p>Tasks will include to consider how geospatial information can contribute to the indicators and metadata:</p>			
<ol style="list-style-type: none"> <li>as a direct indicator in itself;</li> <li>to support and augment statistical data;</li> <li>to improve the production process of statistical data;</li> <li>to validate national statistical data inputs;</li> <li>to communicate and visualize the geographic dimensions and context of the indicators where appropriate; and</li> <li>to provide granularity and disaggregation of the indicators where appropriate.</li> </ol>			
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 <b>IAEG-SDGs</b> Inter-agency Expert Group on SDG Indicators		<b>Working Group on Geospatial Information</b>	
<b>Membership of the Working Group</b>			
17 National Representatives (from 16 Member States); and 5 Representatives from 4 multilateral organisations)			
Co-Chair:	Sweden	Co-Chair:	Mexico
Members:	Botswana	Members:	Brazil
	Cabo Verde		Colombia
	France		Germany
	Jamaica		Uganda
	Denmark		GWG-Big Data (tba)
	WHO		UN-GGIM EG-ISGI (United Kingdom)
	EuroStat		OECD
			UN-GGIM: Africa (Ethiopia)
			UN-GGIM: Americas (USA)
			UN-GGIM: Arab States (tba)
			UN-GGIM-Asia Pacific (China)
			UN-GGIM: Europe (Germany)
			UN-GGIM: Europe (Italy)
			GEO
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**United Nations Economic and Social Council**  
Resolution 2016/27 *“Strengthening institutional arrangements on geospatial information management”* (27 July 2016)

- This resolution acknowledges the considerable achievements of our geospatial information community.
- It explicitly recognizes the relevance of geospatial information for the various United Nations policy agendas.
- It broadens and strengthens the mandate of the Committee, addresses the issue of sustainable funding, and anchors our Committee in the regular UN conference calendar.
- It provides an excellent basis to lift our work to the next level.

United Nations E/2016/L.28

**Economic and Social Council**

Date: Limited  
21 July 2016  
Original: English

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2016 session  
24 July 2016-27 July 2016  
Agenda item 18 (i)  
**Economic and environmental questions: cartography**

**Mexico - draft resolution**

**Strengthening institutional arrangements on geospatial information management**

*The Economic and Social Council,*

*Recalling* General Assembly resolution 66/288 of 27 July 2012, in which the Assembly endorsed the outcome document of the United Nations Conference on Sustainable Development, entitled “The future we want”, in which Heads of State and Government recognized the importance of open technology-based data, in site monitoring and reliable geospatial information for sustainable development policymaking, programming and project operations,

*Recalling also* General Assembly resolution 70/1 of 25 September 2015, in which the Assembly adopted the document entitled “Transforming our world: the 2016 Agenda for Sustainable Development”, in which we recognized the need for new data acquisition and integration approaches to improve the availability, quality, timeliness and disaggregation of data to support the implementation of the new development agenda at all levels, highlighting the contribution to be made by a wide range of data, including earth observations and geospatial information, while ensuring national ownership in supporting and tracking progress,

*Revering in mind* that the 2010 Agenda for Sustainable Development, the Sendai Framework for Disaster Risk Reduction 2015-2030 and the SDG Accelerated Modalities of Action (SDGAMA) Pathway unequivocally call for globally coordinated actions in new data acquisition and integration approaches and in employing geospatial information for sustainable development and disaster risk reduction, and to strengthen the availability and accessibility of geospatial data platforms,

*Recalling* General Assembly resolution 69/246 of 26 February 2015, entitled “A global geospatial reference frame for sustainable development”, in which the Assembly called for greater multilateral cooperation on geospatial information,

\* In accordance with rule 72 of the rules of procedure of the Economic and Social Council.

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**United Nations Economic and Social Council**  
Resolution 2016/27 *“Strengthening institutional arrangements on geospatial information management”* (27 July 2016)

“This resolution acknowledges the considerable achievements and progress made over the past 5 years in the coordination and coherence of geospatial information management. It not only streamlines the work of the subsidiary bodies of the Council in the field of geospatial information management, but it also strengthens and broadens the mandate of this Committee as the relevant body to report to the Council on all matters relating to geography, geospatial information and related topics. In short, this resolution recognizes the increasing role and relevance of the Committee.”



Wu Hongbo  
*Under-Secretary-General for  
United Nations Economic and Social Affairs  
Sixth Session of the Committee of Experts  
3 – 5 August 2016*



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**United Nations Economic and Social Council**  
 Resolution 2016/27 *“Strengthening institutional arrangements on geospatial information management”* (27 July 2016)



5. Stresses the need to strengthen the coordination and coherence of global geospatial information management, in capacity-building, norm-setting, data collection, data dissemination and data sharing, among others, through appropriate coordination mechanisms, including in the broader United Nations system, building on the work of the Committee of Experts;

14. Decides to change the item on the Council’s agenda from “Cartography” to **“Geospatial Information”**, and invites thereunder ... the Committee of Experts on Global Geospatial Information Management to report on all matters relating to geography, geospatial information and related topics;

The 7th session of the United Nations Committee of Experts on Global Geospatial Information Management, is scheduled to be held from 2 – 4 August 2017

*“This resolution acknowledges the considerable achievements of our geospatial information community. It explicitly recognises the relevance of geospatial information for the various United Nations policy agendas. It broadens and strengthens the mandate of the Committee and addresses the issue of sustainable funding, anchoring our Committee in the regular UN conference calendar. I believe this resolution provides an excellent basis to lift our work to the next level!”*  
 (Stefan Schweinfest, Director, United Nations Statistics Division, July 2016)



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## A Round of Applause!



It’s time for a round of applause! That applause is meant for all of you – professionals working in geomatics, the pioneers at national mapping agencies, NGOs, learned societies and in the private sector. “What for and why now?”, you may be wondering. Well, there are many reasons that our sector deserves a pat on the back, but the main one I’m referring to now is the success achieved by the United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM) this summer, and the long-term consequences it will have for geomatics and thus for all of us. The United Nations

Economic and Social Council (ECOSOC) has reviewed the work of UN-GGIM and adopted a resolution acknowledging the fundamental role that geospatial information plays in global sustainability and development. At the highest possible global governmental stage, geospatial information is now identified as being key in supporting policymaking (although we’ve already been aware of this key role for a long time, of course...). This acknowledgment now means that governments all over the globe will have to invest time and money in gathering and implementing geoinformation as a pillar for their decision-making.



GIM Magazine, Editorial, October 2016



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## UN-GGIM: Main areas of consolidation

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



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## UN-GGIM: Capacity development

Relatively little attention has been paid to the challenges countries face in effectively collecting and producing data, and in building and strengthening their capacities within the national mapping agencies. The beneficiaries of improved country capacity to build geospatial infrastructures and use geospatial data and information will comprise national governments, regional and international agencies, the development research community and the public at large. In particular, integrating statistical information and geospatial information, and strengthening and standardizing geospatial data exchange capabilities of countries, will contribute to improve the availability and timeliness of national information.

### **Objective:**

To substantively improve and strengthen the production and use of timely, reliable and official geospatial data and information which meet the needs of national implementations of the 2030 Agenda, are policy relevant, and provide government users, decision makers and researchers with data, tools and methods to make appropriate and evidence-based decisions.



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**Thank You**



**Sustainable Development**

**PEOPLE** End poverty and hunger in all forms and ensure dignity and equality

**PLANET** Protect our planet's natural resources and climate for future generations

**PROSPERITY** Ensure prosperous and fulfilling lives in harmony with nature

**PARTNERSHIP** Implement the agenda through a solid global partnership

**PEACE** Foster peaceful, just and inclusive societies



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United Nations Statistics Division  
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