



**UN-GGIM**

UNITED NATIONS  
COMMITTEE OF EXPERTS ON  
GLOBAL GEOSPATIAL  
INFORMATION MANAGEMENT

**KUNMING FORUM ON UNITED NATIONS GLOBAL GEOSPATIAL INFORMATION MANAGEMENT**  
theme:

***CITIES OF THE FUTURE: SMART, RESILIENT AND SUSTAINABLE***

**10 – 12 May 2017, Kunming, China**

**Provisional Annotated Agenda**

*(as at 27 April 2017)*

**Wednesday, 10 May**

**08:00am – 09:00am Registration of Delegates and Participants**

*Yunnan Zhenzhuang Guest House*

**09:00am – 10:30am Official Opening Session**

*Joint official opening of the Kunming Forum on United Nations Global Geospatial Information Management and the Third Meeting of the Inter-agency and Expert Group on Sustainable Development Goals Indicators Working Group on Geospatial Information*

**Session Chair:**

Mr. Li Pengde

co-Chair, UN Committee of Experts on Global Geospatial Information Management

**Welcome Address**

Dr. Liu Huiyan,

Vice Governor, Yunnan Province

**Official Statement**

Mr. Wu Hongbo

Under Secretary General for Economic and Social Affairs, United Nations

**Official Address**

Mr. Kurexi Maihesuti

Vice Minister, Ministry of Land and Resources

Director-General, National Administration of Surveying, Mapping and Geoinformation of China

**Keynote Presentation**

Prof. Zhou Chenghu

Member, Chinese Academy of Sciences

Vice President, Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences

**10:30am – 11:00am Session Break**



**UN-GGIM**

United Nations Secretariat  
Global Geospatial Information Management

*Positioning Geospatial Information to address Global Challenges*

[ggim.un.org](http://ggim.un.org)

11:00am – 12:45pm **Session #1**

## **Visioning the Cities of the Future**

*This segment will comprise of three high-level presentations addressing an enabling environment where progressive policies and regulatory regimes cater, support and improve a data ecosystem that is integrative, that leverages on globally accepted frameworks bundled with geospatial, technological and information innovations and advancements to provide for the best and highest application of geospatial information for smart, resilient and sustainable cities of the future.*

### **Session Chair:**

Mr. Timothy F Trainor  
co-Chair, UN Committee of Experts on Global Geospatial Information  
Management, United States

### **Presentations:**

- #1-1 Mr. Greg Scott  
United Nations Statistics Division/Global Geospatial Information  
Management
- #1-2 Prof. Martin Herold  
ESA GOFC-GOLD Land Cover Project Office, Wageningen University
- #1-3 Mr. Li Pengde  
National Administration of Surveying, Mapping and Geoinformation of  
China

### **Open Discussion**

12:45pm – 14:00pm **Session Break**

14:00pm – 15:30pm **Session #2**

## **Smart and Resilient Cities: Leveraging Innovation and Technologies**

*Increasingly, there is a need for better comprehension of the urban landscape and its infrastructure, above, on and below the ground. In this segment in the program, presenters will discuss innovative approaches and state-of-the-times technologies for mapping and modelling the urban landscape; producing, making available and accessible reliable, timely and quality geospatial information for a better understanding of the natural and built urban environment, key for smart and resilient cities, now and the future.*

### **Session Moderator:**

Prof. Shi Wenzhong  
Hong Kong Polytechnic University

### **Presentations:**

- #2-1 Ms Xue Feng  
Urban Planning, Land and Resources Commission of Shenzhen  
Municipality, China
- #2-2 Mr. James Norris  
Ordnance Survey, United Kingdom
- #2-3 Mr. Ahamad Zakaria  
Department of Survey and Mapping Malaysia
- #2-4 Ms Maria Graceila Borozuki  
National Geographic Institute, Argentina

### **Open discussion**



15:30pm – 16:00pm **Session Break**

16:00pm – 17:30pm **Session #3**

### **Smart and Resilient Cities: Leveraging Integrative Information Systems**

*This segment of the program will discuss the integrative information systems that include geospatial information system, needed within national and sub-national context for better and timely comprehension of the urban landscapes, including its potentials, hazards and vulnerabilities.*

#### **Session Moderator:**

Mr. Pier-Giorgio Zaccheddu  
Federal Agency for Cartography and Geodesy, Germany

#### **Presentations:**

- #3-1 Mr. Chu Ishida  
Japan Space Exploration Agency
- #3-2 Prof. Hui Lin  
Institute of Space and Earth Information, Chinese University of Hong Kong
- #3-3 Ms Sharthi Laldaparsad  
Statistics South Africa
- #3-4 Mr. Jose Eduardo de la torre Barcena  
Instituto Nacional de Estadística y Geografía (INEGI), Mexico

#### **Open discussion**

**Thursday, 11 May 2017**

08:30am – 09:00am Arrival of Delegates and Participants

09:00am – 10:30am **Session #4**

### **Smart, Resilient and Sustainable Cities: Cooperation and Partnerships**

*This session will discuss the need for peer-to-peer exchanges, regional cooperation and partnerships that will further develop and improve capabilities and capacities to strengthen geospatial information management for the planning, design and development, urban regeneration, and governance throughout the life-cycle of the built environment, that cities could be smarter, more resilient and sustainable.*

#### **Session Moderator:**

Prof. Chen Jun  
International Society for Photogrammetry and Remote Sensing, China

#### **Presentations:**

- #4-1 Mr. Tae Hyung Kim  
Information and Communications Technology and Disaster Risk Reduction Division (IDD), UN ESCAP
- #4-2 Prof. Gu Xingfa  
Institute of Remote Sensing and Digital Earth, Chinese Academy of Sciences, China
- #4-3 Prof. Milan Konecny,  
Commission on Cartography in Early Warning and Crises Management, International Cartographic Association, Czech Republic



#4-4 Ms Argyro Kavvada  
Earth Science Division, National Aeronautics and Space Administration,  
United States

### Open discussion

10:30am – 11:00am **Session Break**

11:00am – 12:45 pm **Session #5**

### Where is the data? Towards a Sustainable Data Ecosystem

*Where is the data? Today's environment requires consistent and current multi-dimensional data, spatially and temporally reliable, with degree of simplicity for wider consumption, much needed for evidence-based policy formulation, informed decisions and citizen-centric programs. Data are also being consumed at increasingly higher pace and this segment will comprise three high-level presentations that will address state-of-the-times approaches and techniques in data acquisition, delivery and dissemination that are both appropriate and affordable, that promotes the best and highest application of geospatial information for the planning, development and governance of smart, resilient and sustainable cities of the future.*

#### Session Chair:

Mr. Teo CheeHai  
United Nations Statistics Division/Global Geospatial Information Management

#### Presentations:

- #5-1 Mr. Timothy F Trainor  
United States Census Bureau
- #5-2 Mr. Victor Khoo  
Singapore Land Authority
- #5-3 Prof. Liu Jiping  
Chinese Academy of Surveying and Mapping

### Open Discussion

12:45pm – 14:00pm **Session Break**

14:00pm – 15:30pm **Session #6**

### Leveraging the Data Ecosystem

*The 2030 Agenda called for new data acquisition and integration approaches. New and alternative data sources and the re-purposing of data are needed. This segment will be a panel discussion session where the presenter and panelists discuss the integration of geospatial information, statistics and other data from differing sources and of differing scales to support follow-up, review and accelerate progress towards sustainable cities of the future.*

#### Session Moderator:

Mr. Rolando Ocampo Alcantar  
co-Chair, UN Committee of Experts on Global Geospatial Information  
Management & co-Chair, UN-GGIM, Mexico

#### Presentation:

- #6-1 Ms Marie Haldorson  
Statistics Sweden



## Panel Discussions:

- #6-A Prof. Wu Huayi  
Wuhan University, China
- #6-B Mr. Lawrence Modise  
Statistics South Africa
- #6-C Ms Sandra Liliana Moreno Mayorga  
National Department of Statistics, Colombia
- #6-D Mr. Bernard Justus Muhwezi  
Uganda Bureau of Statistics

## Moderated and open discussion

15:30pm – 16:00pm **Session Break**

16:00pm – 17:30pm **Session #7**

## Resilient Cities - Strategic Framework on Geospatial Information and Services for Disasters

*This segment will be a panel session where the co-Chairs of the UN-GGIM Working Group on Geospatial Information and Services for Disasters together with the panelists will discuss the applicability and usefulness of the draft Strategic Framework on Geospatial Information and Services for Disasters within national and sub-national context with particular focus on the urban environment.*

## Session Moderator:

Mr. Tae Hyung Kim  
Information and Communications Technology and Disaster Risk Reduction  
Division (IDD), UN Economic and Social Commission for Asia and the Pacific

## Presentations:

- #7-1 Mr. Annrou R Ramos  
National Mapping & Resource Information Agency, Philippines
- #7-2 Mr. Mark Codling  
National Spatial Data Management Division, Ministry of Economic  
Growth and Job Creation, Jamaica

## Panel Discussions:

- #7-A Ms Zheng Quanhong  
Sichuan Geomatics Center, China
- #7-B Mr. Suresh Man Shrestha  
Survey Department, Nepal
- #7-C Ms Bayarmaa Enkhtur  
Administration of Land Affairs, Geodesy and Cartography, Mongolia

## Moderated and open discussion



Friday, 12 May 2017

08:30am – 09:00am Arrival of Delegates and Participants

09:00am – 10:30am **Session #8**

## **Improving Availability and Application of Geospatial Information**

*This segment will discuss research, innovation and initiatives that will improve the availability and application of geospatial information to provide better understanding of cities and human settlement, to ensure effective knowledge of where people and things are and their relationship to each other. This understanding foster better evidence-based policies and decisions for cities and human settlements.*

### **Session Moderator:**

Mr. Sultan Mohammed Alya  
Ethiopian Mapping Agency

### **Presentations:**

- #8-1 Prof. Liu Rui  
Institute of Resource and Environment Science, Beijing Normal University, China
- #8-2 Mr B S Rawat & Ms Tapti Banerjee  
Government of India
- #8-3 Mr. Duane Miller  
Bahamas National GIS Centre
- #8-4 Prof. Chen Jun  
National Geomatics Center of China

### **Open discussion**

10:30am – 11:00am **Session Break**

11:00am – 12:45pm **Session #9**

## **2030 Agenda for Sustainable Development**

*The 2030 Agenda for Sustainable Development requires systematic follow-up and review of its implementation in order to ensure that no one is left behind. This follow-up and review processes at all levels will be guided by a series of principles, including that they will be rigorous and based on evidence, informed by country-led evaluations and data which is high-quality, accessible, timely, reliable and disaggregated including by geographic location. This segment, with the three high-level presentations will discuss methodological approaches and data sources to provide knowledge of where people and things are and their relationship to each other, and in cities of the future.*

### **Session Chair:**

Mr. Li Pengde  
co-Chair, UN Committee of Experts on Global Geospatial Information Management, China

### **Presentations:**

- #9-1 Prof. Liu Yu  
Institute of Remote Sensing and GIS, Research Center for Future City, Peking University, China
- #9-2 Mr. Rolando Ocampo Alcantar  
Instituto Nacional de Estadística y Geografía (INEGI), Mexico



#9-3 Mr Daniele Ehrlich  
Joint Research Centre, European Commission

**Open Discussion**

12:45pm – 14:00pm **Session Break**

14:00pm – 15:30pm **Session #10**

**Geospatial Information Management for Cities of the Future**

*This is a panel session seeks to wrap up the deliberations and discussions of the Kunming Forum. The panellists will summarise key highlights and understanding of the issues, challenges and opportunities in geospatial information management for cities of the future – smart, resilient and sustainable.*

**Session Moderator:**

Mr. Greg Scott  
United Nations Statistics Division/Global Geospatial Information Management

**Panelists:**

#10-A (tba)

#10-B (tba)

#10-C (tba)

**Moderated and open discussion**

15:30pm – 16:00pm **Session Break**

16:00pm – 17:00pm **Closing Session**

*This segment will consider a closing statement and closing remarks*

**Closing Remarks:**

Mr. Greg Scott  
Global Geospatial Information Management, United Nations Statistics Division

Mr. Li Pende  
National Administration of Surveying, Mapping and Geoinformation of China

