International Workshop and Seminar on United Nations Global Geospatial Information Management
"The Data Ecosystem for Sustainable Development"
Technical learning event on
Data Ecosystem for Sustainable Development - Integrative Technologies and Processes
Fengqihu Hall, 1st Floor, Deqing International Convention Centre, Deqing, China

17 - 19 October 2019,

PROVISIONAL ANNOTATED AGENDA

Preamble

The three-day learning event seeks to share knowledge and raise awareness on the importance of 'nationally' integrated geospatial information management, and the vital and integrative role of geospatial information. The three-day technical learning event is expected to be a hands-on practical component where invited participants work through a means to federate information - geospatial, statistical and other data, as a nexus for delivering evidence-based information for the implementation of national development priorities and national implementation of the 2030 Agenda for Sustainable Development. This technical learning component is part of the capacity and capability development efforts of the United Nations Secretariat for Global Geospatial Information Management to realize the vital and integrative role of geospatial information in the data ecosystem for sustainable development.

This learning event is a sub-event within the Deqing International Workshop and Seminar on United Nations Global Geospatial Information Management, with the theme "Data Ecosystem for Sustainable Development" from 17 – 22 October 2019. This international workshop and seminar provides a platform for deliberating key features and considerations of a data ecosystem for sustainable development, and interact on the methodologies and modalities needed to leverage digital transformation and realize this data ecosystem that delivers the evidence on 'where' people interact with their place, events, activities (including economic activities) and environment, and to deliver timely and reliable information necessary for citizens, businesses, organizations and governments to build accountable actions and evidenced-based decisions.

The learning event seeks to contribute to strengthening of nationally integrated geospatial information management towards the producing, disseminating and applying of geospatial information, the integration with statistical data for national development priorities and the implementation of the 2030 Agenda for Sustainable Development. It will consider up-to-date technologies and processes in federating information, a system-of-systems approach through data hubs to facilitate the availability and accessibility of data and information for sustainable development.

Laptops or notebooks

Participants of this learning event must bring along a laptop or notebook for the hands-on practical component.

Venue

Fengqihu Hall,
1st Floor, Deqing International Convention Centre
Zhejiang Geospatial Information Industrial Park
Deqing, Zhejiang Province,
P.R. China

Provisional agenda

Thursday 17 October 2019	
8:00am – 9:00am	**Arrival of invited participants and registration**

9:00am – 12:30pm	**Session #1** **Welcome, introductions and setting the scene** *The session will include welcome messages, announcements, self-introductions by all participants, technology partners and facilitators; presentations to frame the context and set the scene including what is the 2030 Agenda for Sustainable Development and the associated but unprecedented demand for data and information for its follow-up and review; and open general discussions.*	*MNR China* *UNSD* *Technology partners*
Breaks for refreshments may be taken as and when convenient during this segment	**Session #2** **Integrative capabilities of geospatial information** *This session discusses the demand for statistical, geospatial and other information and their integration to meet the data demands for the 2030 Agenda; the integrative capabilities of geospatial technologies and process; the importance of nationally integrated geospatial information to provide evidence on the state of the earth, people, events and activities; the Global Statistical Geospatial Framework and United Nations Integrated Geospatial Information Framework as mechanism towards the data ecosystem for sustainable development.* *During the session, examples of system deployment will be shown together with processes that can bring multiple components together and coherently communicate the state of the earth, people, and activities.*	*UNSD* *Technology partners*
12:30pm – 2:00pm	**Lunch break**	
2:00pm – 5:30 pm	**Session #3** **Evolving technological landscape and possibilities** *This session discusses the cutting-edge information and communication technologies, geospatial sensors and processes, location-based products and services providing possibilities for "leapfrogging" and attaining the desired digital transformation. This include modalities to bring together data and information collected for a multiplicity of purposes, of differing scales and epoch through a system-of-systems approach, federating information as a nexus for delivering evidence-based information for policy and decision-making, follow-up and review of the SDGs.*	
Breaks for refreshments may be taken as and when convenient during this segment	*During the session, there will be examples on the development and use of web-services, creating simple web-maps as a means for visualizing data and communicating outcomes with indicators, collaboration platforms or hubs for sharing and disseminating information, and aspects of data collection, inventories, and discovery, data modelling and management.*	*UNSD* *Technology partners*

5:30pm – 6:00 pm	**Summarizing Day #1**	
	This segment seeks to summarize salient discoveries and outcomes from Day #1, with some participants sharing observations and providing feedbacks, interacting on what is helpful and what is required, what went well and where are the challenges	*UNSD*

Friday 18 October 2019		

8:30am – 9:00am	**Arrival of invited participants**	

9:00am – 12:30 pm	**Session #4**	
	Integrating information for sustainable development	
	In this session, participants will walk through and work with the technologies and processes for the integration of statistical, geospatial and other development related data from multiple sources; applying geospatial information; the technologies and processes in the setting up an integrative geospatial cloud for sustainable development; and elements such as data discovery, data abstracting, data modelling (spatial and attribute data), data management, and creating a data catalog. It will also include explanation and walkthroughs on the creation of data as a service, and in developing examples of web services from existing data, configuring and publishing.	
Breaks for refreshments may be taken as and when convenient during this segment	*During the session, participants will use identities to log-in and utilize a geospatial cloud platform to gain practical understanding of data collaboration and federating information.*	*UNSD Technology partners*

12:30pm – 2:00pm	**Lunch break**	

2:00pm – 5:30 pm	**Session #5**	
	Deploying information for sustainable development	
	In this session, participants will work and be guided through integration of statistical, geospatial and other data sources; applying geospatial information for sustainable development - utilizing statistical data, geospatial information, and in deploying applications for evidence-based policies, decisions, programs and projects	
Breaks for refreshments may be taken as and when convenient during this segment	*There will be practical examples and practices on developing and configuring applications, automating tasks and deploying a SDGs Data Hub.*	*UNSD Technology partners*

5:30pm – 6:00 pm	**Summarizing Day #2**	
	This segment seeks to summarize salient features and outcomes from Day #2, with some participants sharing observations and providing feedback, sharing what is possible.	*UNSD*

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Saturday 19 October 2019	

9:00am – 12:30 pm	**Session #6** **Envisioning possibilities** *This is an interactive session that will consider national circumstances and challenges; address requirements to realize the integrative capabilities of geospatial information, deploying a national SDG Data Hub capacity as a means to federate information for delivering data and information for evidence-based policies, decisions, programs, and projects for national development priorities and sustainable development.*	
Breaks for refreshments may be taken as and when convenient during this segment	*During the session, participants can discuss lessons learnt, considerations to sustain the momentum including further communications, capability development and continuing learning opportunities, and if there is one thing that can be done upon their return*	*UNSD*

12:30pm – 2:00pm	**Lunch break**

2:00pm – 5:00 pm	**Session #7** **Making a difference – leaving no one behind** *This session will recall the 2030 Agenda for Sustainable Development and its key principle - leaving no one behind; discuss the role of statistical data, geospatial information, and other data, their integration for evidence-based policies, decisions, programs and projects. Participants will discuss their understanding in leveraging United Nations agreed frameworks, principles and guides including the Global Statistical Geospatial Framework and the overarching Integrated Geospatial Information Framework for sustainable development.*	
Breaks for refreshments may be taken as and when convenient during this segment	*Participants will also discuss deploying cutting-edge information and communication technologies, mobile computing and cloud-based services, geospatial technologies and processes, location-based products and services, deploying a SDGs Data Hub - "leapfrogging" to attain digital transformation.* *The host will bring this three-day learning event to a close.*	*UNSD* *MNR, China*

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