

Agenda

Geo Data Providers Workshop, Florence, Italy, 20-21 April 2017

Thursday 20 April 2017

09:00-10:00 *Registration*

<p>10:00-10:10 Welcome note from CNR, GEO Secretariat, ESA,</p> <p>10:10-10:20 Message from the DG research and Innovation of the European Commission</p> <p>10:20-10:30 Structure and Objectives of the Workshop (Steven Ramage)</p>	<p>Speaker/Moderator</p> <p>Stefano Nativi (CNR-IIA) Steven Ramage (GEO Secretariat) , Guido Colangeli (ESA), Gilles Ollier (EC)</p>
<p>10:30-11:40 GEO and GEOSS Common Infrastructure (GCI) information session</p> <ul style="list-style-type: none"> • GEO Strategy and Vision (Steven Ramage) (10 min) • New GCI developments: <ul style="list-style-type: none"> ◦ GEOSS Portal (ESA: Guido Colangeli); (30 min) ◦ GEO DAB (CNR: Stefano Nativi);(20 min) ◦ Registration (UNIGE: Gregory Giuliani).(10 min) 	<p>Chair Osamu Ochiai</p>
<p>11:40-12:40 GCI Success Stories: (10 min each)</p> <ul style="list-style-type: none"> • GCI-WIS interoperability (Thorsten Büßelberg, WMO); • "Monitoring Essential Climate Variables and Essential Biodiversity Variables" (Gregory Giuliani, UNEP GRID); • Making CEOS Agencies Assets Discoverable and Accessible in the GCI ... 280+ Million Records and Counting' (Richard Moreno, CEOS); • A GEO Community Portal & Spatial Data Infrastructure for Energy (Lionel Menard, Webservice-Energy.org); • GCI Infrastructure support Story: Amazon: AWS support to GCI infrastructural services (Joe Flasher, Amazon); • GCI Community Application Story: GCI and ArcGIS Online interoperability, story map. (Roberto Lucchi, Esri). 	<p>Chair Osamu Ochiai</p>
<p>12:40-13.00 Questions & Discussion</p>	
<p>13:00-14:00 <i>Hosted Lunch</i></p>	

Experiences and suggestions from existing, new GEO GCI data providers	
14:00-14:15 <ul style="list-style-type: none"> Introducing GEOSS Data Providers: summary report on Statements received and Data providers presence at the workshop. <i>Each Data provider is requested to send a Statement to be received by GEO Secretariat before 31 March and it will be included in the web.</i>	<p>Chair: Osamu Ochiai</p>
14:15-15:15 (1 Hour) <ul style="list-style-type: none"> Break out – discussion in 4 groups (Benefits and Challenges)	<p>Moderators Osamu, Paola, Guido, Esa</p>
15:15-16:00 Coffee Break: <i>Lightning talks (5 min each)</i> <ol style="list-style-type: none"> Anna Maria Trofaier, “Fourteen institutes, one goal – How to establish the Svalbard Arctic Earth Observing System” (SIOS); Ana Pinheiro Privette, Enabling access to Climate-Relevant Data Through the Partnership for Resilience and Preparedness (PREP); Bart De Lathouwer, Next GEOSS wants to engage with the (current and new) Data Providers OGC, Next GEOSS; Vanya Nikova, Liberating Sentinel Data, 1 PB at a time, Cloudsigma; Erwin Goor, VITO as GEOSS Data Provider & Further Involvement, VITO. 	<p>Chair: Paola De Salvo</p>
16:00-16:30 (30 Min) Reporting session from discussion with Recommendations	<p>Moderators Osamu, Paola, Guido, Esa</p>
16:30-16:40 “Developing Engagement between GEO and the Private Sector” EARSC	<p>Emmanuel Pajot, Earsc</p>
16:45-17:30 Register to become a Data Provider, How to contribute to GCI (live session) 17:30 – Group Photo	<p>(Mattia Santoro, Esa Falkenroth Paola De Salvo.)</p>
Evening <i>Social event (No Host) – Pre-Registration is compulsory if willing to participate</i>	

Friday 21 April 2017

<p>09:00-9:40</p> <p>GCI and its Potential – Open Data Access Beyond Discovery</p> <ul style="list-style-type: none"> • Overview of the Data Management Principles and their importance for GEOSS and the GCI (Mustapha Mokrane) 20min • Story from the GEOSS Portal: What Happen if Metadata are not implemented correctly – with focus on Metadata Essential Fields & Responsibility of Data Provider & GCI Implementers (Guido Colangeli – with Gregory Giuliani) 20 min 	<p>Moderator: Osamu Ochiai</p>
<p>9:40-11:00 Panel Discussion</p> <p>“Stories from Data Providers, their best practices and challenges in Data Management. Towards Sustainable solutions in providing data and maintaining over time and their impact on decision making.”</p> <ul style="list-style-type: none"> • Mark Iliffe University of Nottingham / The World Bank • Daniel Quintart, Copernicus; • Julia Wagemann, ECMWF; • Asanobu Kitamoto DIAS; <p>Presentations focused on how the Data Providers deals with Metadata, Tools, Standards, Open Data Access, Issues and gaps.</p>	<p>Moderator: Esa Falkenroth</p>
<p>11:00-11:45 Coffee Break: Lightning talks (5 min each)</p> <ol style="list-style-type: none"> 1. Mariya Urazaeva, Deimos Imaging: The unique Earth Observation portfolio of UrtheCast/Deimos Imaging: Present and Future; 2. David Patterson, WWF-SIGHT “why spatial data transparency is vital for WWF as a conservation NGO and why we need GEO”; 3. Nate Smith, Humanitarian Open Street Map, “OpenAerialMap: Connecting open satellite, UAV, and other aerial imagery to humanitarian partners”; 4. "Unleashing the power of GEOSS for every child" Valeria Groppo, UNICEF; 5. Peiliang Shi, WIS2.0, WMO; 6. Tim Duffy, “OneGeology as a GEOSS Data Provider”, One Geology. 	<p>Chair Osamu Ochiai</p>

<p>11:40-12:45 Data Management Principles Implementation and Practices: Hands on session</p> <p>This session will introduce the certification of data repositories as one of the practical mechanisms to assess implementation of GEOSS Data Management Principles (DMPs). As a practical exercise, GEO data providers are invited to test the core level certification for data repositories by completing a self-assessment against the Core Trustworthy Data Repositories (Core TDR) Requirements developed by the World Data System (WDS) and Data Seal of Approval (DSA). The self-assessment form is available here: https://goo.gl/ipEBmW</p>	<p><u>Moderators:</u> Michael Diepenbroek, Mustapha Mokrane and Wim Hugo</p>
<p>12:45-13:00 Ian, Schuler, Publishing your EO data for use in modern applications, Development Seed</p>	
<p><i>13:00-14:00 Hosted Lunch</i></p>	
<p>How Communities can benefit of GCI and its resources</p>	
<p>14:00-14:40</p> <p>How to Interface with GCI – GEO DAB APIs-VIEWS Why we need APIs and VIEWS? <i>30 min</i></p> <p>14.40-15.10</p> <p>Users stories: How community can use them to leverage GCI Resources (10 min each)</p> <ul style="list-style-type: none"> • Vassilliss Tsironis “The GEO-CRADLE Regional Data Hub tool: Utilising the GEO DAB APIs for easy access and discovery of regional EO data”;(NOA) • Enrico Boldrini "Accessing global monthly variables: Net Photosynthesis (PSNet) and Gross Primary Production (GPP) through GEODAB." (CNR). • Aditya Agrawal “Connecting Networks to Make Earth Observation Data More Accessible for the SDGs “(GPSDD) 	<p><u>Moderator:</u> Mattia Santoro (CNR)</p>
<p>15:10-15:40 Deliver GEOSS Portal widgets (30 min)</p>	<p>Guido Colangeli (ESA)</p>
<p>15:40-15:50 Questions</p>	
<p>15:50-16:00 How GCI is making a difference in Decision Making: Call for Applications from the community, using GCI resources : Disaster, Climate, SDGs.</p>	<p>Chair Osamu Ochiai</p>

<p>16:00-16:40 <i>Coffee Break: Lightning talks (5 min each)</i></p> <ol style="list-style-type: none"> 1. Jay Matta, “The Groundwater Assessment Platform (GAP) – taking measurement points and readily available geo-spatial data to produce prediction maps using statistical modelling.” EAWAG; 2. Ian Schuler, “Creating cloud-based data distribution / discovery tools, like MODIS on AWS or NASA's Cumulus Platform for processing and distributing EO data on the cloud”, Development seed; 3. Hironori Yabuki, ADS's contribution to GEO, ADS; 4. Yasunori Hanafusa JAMSTEC’s Contribution to GEO, JAMSTEC; 5. The GEO-CRADLE Regional Data Hub tool: A vision for a regional GEOSS Portal, National Observatory of Athens (NOA). 6. Marc-Eliau Bégin, “Platforms to ignite open data exploitation in the cloud” sixsq 	
<p>16:40-17:10 Clarifying role / relevance of statistical information (ESA and CNR)</p>	<p>Guido Colangeli (ESA) Mattia Santoro (CNR)</p>
<p>17:10 <i>Closing Session</i></p>	

Location of the workshop:

Hotel Astoria: <http://www.b4astoriafirenze.com/en/meeting-8>

Map: <https://goo.gl/maps/FhnPmkVvNct>



Organizations Participating at the 2nd GEO Data Providers workshop

