Agenda

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

Thursday 20 April 2017

09:00-10:00   Registration

	Speaker/Moderator
10:00-10:10 Welcome note from CNR, GEO Secretariat, ESA, **10:10-10:20** Message from the DG research and Innovation of the European Commission **10:20-10.30** Structure and Objectives of the Workshop (Geo Secretariat)	Stefano Nativi (CNR-IIA) Steven Ramage (GEO Secretariat) , Guido Colangeli (ESA), Gilles Ollier (EC)
10:30-11:40 GEO and GEOSS Common Infrastructure (GCI) information session • GEO Strategy and Vision (Steven Ramage) *(10 min)* • New GCI developments: o *GEOSS Portal (**ESA**: Guido Colangeli); (30 min)* o *GEO DAB (**CNR**: Stefano Nativi);(20 min)* o *Registration (**UNIGE**: Gregory Giuliani).(10 min)*	Chair Osamu Ochiai
11:40-12:40 GCI Success Stories: (10 min each) • 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**).	Chair Osamu Ochiai
12:40-13.00 Questions & Discussion	
13:00-14:00 Hosted Lunch	

Experiences and suggestions from existing, new GEO GCI data providers	
14:00-14:15 • Introducing GEOSS Data Providers: summary report on Statements received and Data providers presence at the workshop. *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.*	Chair: Osamu Ochiai
14:15-15:15 (1 Hour) • Break out – discussion in 4 groups **(Benefits and Challenges)**	Moderators Osamu, Paola, Guido, Esa
*15:15-16:00 Coffee Break: **Lightning talks (5 min each)*** 1. Anna Maria Trofaier, "Fourteen institutes, one goal – How to establish the Svalbard Arctic Earth Observing System" **(SIOS)**; 2. Ana Pinheiro Privette, Enabling access to Climate-Relevant Data Through the Partnership for Resilience and Preparedness **(PREP)**; 3. Bart De Lathouwer, Next GEOSS wants to engage with the (current and new) Data Providers OGC, **Next GEOSS**; 4. Vanya Nikova, Liberating Sentinel Data, 1 PB at a time, **Cloudsigma**; 5. Erwin Goor, VITO as GEOSS Data Provider & Further Involvement, **VITO**.	Chair: Paola De Salvo
16:00-16:30 (30 Min) Reporting session from discussion with Recommendations	Moderators Osamu, Paola, Guido, Esa
16:30-16:40 "Developing Engagement between GEO and the Private Sector	Emmanuel Pajot, Earsc
16:45-17:30 Register to become a Data Provider, How to contribute to GCI (live session) **17:30 – Group Photo**	(Mattia Santoro, Esa Falkenroth Paola De Salvo.)
Evening Social event (No Host) – Pre-Registration is compulsory if willing to participate	

Friday 21 April 2017

	Moderator: Osamu Ochiai
09:00-9:40 **GCI and its Potential – Open Data Access Beyond Discovery** • Overview of the Data Management Principles and their importance for GEOSS and the GCI (Mustapha Mokrane) *15min* • What Happen if Metadata are not implemented correctly – with focus on Metadata Essential Fields Story from the GEOSS Portal (Guido Colangeli – with Gregory Giuliani) *15 min*	
9:30-11:00 Panel Discussion **"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." • Mark Iliffe **University of Nottingham / The World Bank** • Daniel Quintart, **Copernicus;** • Julia Wagemann, **ECMWF;** • Asanobu Kitamoto **DIAS;** Presentations focused on how the Data Providers deals with Metadata, Tools, Standards, Open Data Access, Issues and gaps.	Moderator: Esa Falkenroth
*11:00-11:45 Coffee Break: **Lightning talks (5 min each)*** 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. Peilang Shi, WIS2.0, **WMO;** *6.* Tim Duffy, "OneGeology as a GEOSS Data Provider", **One Geology.**	Chair Osamu Ochiai

11:40-12:45 Data Management Principles Implementation and Practices: Hands on session 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	**Moderators:** Michael Diepenbroek, Mustapha Mokrane and Wim Hugo
12:45-13:00 Ian, Schuler**,** Publishing your EO data for use in modern applications, **Development Seed**	
13:00-14:00 Hosted Lunch	
How Communities can benefit of GCI and its resources	
14:00-14:40 How to Interface with GCI – GEO DAB APIs-VIEWS Why we need APIs and VIEWS? *30 min* **14.40-15.10** **Users stories:** How community can use them to leverage GCI Resources (10 min each) • 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)**	**Moderator**: Mattia Santoro (CNR)
15:10-15:40 Deliver GEOSS Portal widgets (30 min)	Guido Colangeli (ESA)
15:40-16:00 How GCI is making a difference in Decision Making: Call for Applications from the community, using GCI resources : Disaster, Climate, SDGs.	GEO Secretariat

	Chair Osamu Ochiai
*16:00-16:40 Coffee Break: **Lightning talks (5 min each)*** 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-Elian Bégin, "Platforms to ignite open data exploitation in the cloud" **sixsq**	
16:40-17:10 Clarifying role / relevance of statistical information (ESA and CNR)	Guido Colangeli (ESA) Mattia Santoro (CNR)
17:10 Closing Session	

Location of the workshop:

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

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

Event Sponsors

Organizations Participating at the 2ⁿᵈ GEO Data Providers workshop