

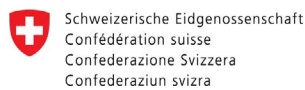


<p>3rd GEO ●●●</p> <p>DATA</p> <p>PROVIDERS</p> <p>WORKSHOP</p>	<p>DATA PROVIDERS</p> <p>MEET USERS</p>
	<p>FRASCATI, ITALY</p> <p>2-4 MAY 2018</p>

WORKSHOP AGENDA



The 3rd GEO Data Providers Workshop is proudly sponsored by:



DAY 1 / 2 MAY 2018

BIG HALL

JAMES COOK ROOM

9:00

1: EO for Decision Making and GEOSS for Users

Moderator: Pascal Gilles

- 09:00 Joost van Bemmelen, Official Opening
- 09:05 Pascal Gilles, on behalf of ESA Director of Earth Observations
- 09:15 Barbara Ryan, GEO Secretariat Director,
- 09:25 Nicola Pirrone, CNR
- 09:35 Michel Schouppe, European Commission
- 09:45 Peter Doucette, USGS
- 09:55 Ian Schuler, Development Seed

9:30

10:00

2: The GEOSS Platform Journey

Moderator: Joost van Bemmelen / Slido: #2May_Session2

- 10:15 GEOSS Platform Panel: Paola De Salvo (GEO), Joost Van Bemmelen (ESA), Stefano Nativi (CNR), Gregory Giuliani (UNIGE), Rich Frazier (FGDC)
- 10:45 GEOSS Portal demo: Guido Colangeli (ESA)

10:30

11:00

Coffee
break

3. Lightning talks: Disasters

- Copernicus EMS: Simone Dalmasso (JRC)
- CEOS CWIC: Yonsook Enloe & Francis Lindsay (NASA)
- Healthsites: Mark Herriger
- GSNL Supersites: Stefano Salvi

11:30

4: GEOSS Platform User & User Needs Stories

Moderator: Ivan De Loatch / Slido: #2May_Session4

- 11:30 Peter Doucette (USGS Landsat): Open Data for Earth Observations
- 11:45 Stefano Nativi (CNR): GEOSS Impact
- 11:55 Martino Pesaresi (JRC): GHSL - ICRC story
- 12:05 Bart de Lathouwer for David Green (NASA): EO for Disasters
- 12:15 Ramesh Krishnamurthy (WHO): EO for Health

12:00

12:30

Lunch break (no-host 12:30 - 13:30)

13:00

Data Providers Training

GEOSS Data Sharing & Data Management Principles: Standard Interoperability Format

11:00-12:00
Gregory Giuliani (UNIGE) &
Alex de Sherbinin (CIESIN)

Data Providers Training

How fit is your Metadata workout?

12:00-12:30
Esa Falkenroth (SMHI)

BIG HALL

JAMES COOK ROOM

13:30

5: The role of Regional and National GEOSS
 Moderator: **Stefano Nativi** / Slido: #2May_Session5

13:30 AmeriGEOSS: **Ivan De Loatch**
 13:40 EuroGEOSS: **Michel Schouppe**
 13:50 AOGEOSS/China GEOSS: **Li Guoqing**
 14:00 AfriGEOSS: **Tendani Lavhengwa**
 14:10 Panel discussion: Regional Initiatives and the GEOSS Platform

14:30

6: Technical discussions: analysis and application ready data
 Moderator: **Ivan De Loatch** / Slido: #2May_Session6

14:30 **Ian Schuler** (Development seed)
 14:40 **Andreia Siqueira** (CEOS)
 14:50 **Daniel Lopez** (Radiant.Earth)
 15:00 Panel discussion

15:30

Coffee break

7. Lightning talks: Disasters
 CEOS FedEO Catalogue: **Andrea della Vecchia**
 Japan DIAS: **Asanobu Kitamoto**
 UNOOSA UN SPIDER resources: **Nina Kickinger**
 GHSL - JRC: **Martino Pesaresi**
 PopGrid - Ciesin: **Alex de Sherbinin**

16:00

8: User-Centred GEOSS: The customized dynamic approach
 Moderator: **Guido Colangeli** / Slido: #2May_Session8

16:00 **Guido Colangeli**: The GEOSS Platform User Centric Approach
 16:10 **Paola De Salvo & Roberto Roncella**: Data Providers Brokering Process
 16:20 **Ketil Koop-Jakobsen**: GEOSS Mirror & GEOSS VIEW - the Atlantos story
 16:30 **Stephan Dietrich & Eliana Lisanti**: Portal function customization for climate: ECVs, GCOS
 16:40 Questions and discussion

17:00

9: GEO Data Management Principles & the GEOSS Platform
 Moderator: **Esa Falkenroth** / Slido: #2May_Session9

17:00 **Alex de Sherbinin** (CIESIN), **Joan Maso** (CREAF)
 17:20 Questions and discussion

17:30

18:00

Leveraging EO to inform decision making
Pat Cummins (Esri) / Magellan Room / 18:15-18:30 / Gold Sponsor Talk

18:30

Welcome Reception & Icebreaker, sponsored by Esri
 ESRIN Canteen/Terrace, 18:30-19:30

13:30

Developer Training
GEOSS Functionalities for Developers

14:30 GEOSS API: **Mattia Santoro**
 15:30 GEOSS VIEW: **Mattia Santoro**
 15:40 GEOSS Mirror: **Piotr Modzelewski**
 16:00 GEOSS Widget: **Piotr Modzelewski**

16:00

DAY 1 / 2 MAY 2018

DAY 2 / 3 MAY 2018

JAMES COOK ROOM

BIG HALL

Data Users Training

Hands-on GEOSS Portal training
(8:30-9:00)

9:00 **1: GEOSS Platform benefits for GEO Flagships and Initiatives**
Moderator: **Steven Ramage** / Slido: #3May_Session1

09:00 GOS4M: **Sergio Cinnirella**
09:10 GEO Wetlands: **Jonas Eberle**
09:20 Ecopotential: **Paolo Mazzetti**
09:30 ERA PLANET, GEO Essential: **Gregory Giuliani**
09:40 GEO BON: **Christian Langer**
09:50 GEOGLAM: **Xin Zhang**
10:00 **Zandaryaa Sarantuyaa** (UNESCO): How EO data is critical to SDG decision making
10:10 Climate Change in the Arctic: **Arnold Brower Jr.**
10:20 GEOSS Hack Announcement: **Diana Mastracci**

10:00

10:30 **2: The Future of the GEOSS Platform**
Moderator: **Carsten Dettmann** / Slido: #3May_Session2

10:40 GEOSS Evolve: **Ivan De Loatch**

11:00 **Coffee break**

3. Lightning talks: Climate
Copernicus Atmospheric, CAMS: **Xiaobo Yang** (ECMWF)
ESA Climate Change Initiative: **Paul Fisher**
Copernicus Land Services: **Erwin Goor** (VITO)
DEIMS LTER: **Christoph Wohner**
PREP: **Lauretta Burke**

11:30 **4: GEOSS Platform User and User Needs Stories**
Moderator: **Steven Ramage** / Slido: #3May_Session4

11:30 **Marie Haldorson** (Sweden) & **Alvaro Mauricio Monett Hernandez** (ECLAC): Using earth observations for statistical SDGs indicators: challenges for National Statistical Offices
12:00 **Tendani Lavhengwa**: AfriGEOSS Earth Observation User Needs Survey
12:15 Panel discussion: Importance of EO for SDGs
Marie Haldorson, Tendani Lavhengwa, Adrian Laurenzi

12:00

12:30 **Lunch break (no-host, 12:30 - 13:30)**

13:00

Data Providers Training
GEOSS Yellow Pages & Technical Registration

11:00 Registering to the GEOSS Platform GEOSS Yellow Pages - Live registration): **Paola De Salvo** (GEO), **Gregory Giuliani** (UNIGE)

11:30 Technical registration and real-time interoperability testing: **Roberto Roncella**

Data Users Training
GEOSS Portal Hands-On Session
12:00-12:30
Guido Colangeli

BIG HALL

JAMES COOK ROOM

5: Sub-regional GEOSS and other thematic entities
 Moderator: **Joost Van Bemmelen** / Slido: #3May_Session5

13:30 Cambodia GEO: **Meng Kimhor** (National Institute of Statistics)
 13:40 Himalayan GEOSS: **Sudip Pradhan** (ICIMOD)
 13:50 GEOCRADLE: **Panagiotis Kosmopoulos** (NOA)
 14:00 Copernicus DIAS: **Jolyon Martin** (ESA)
 14:10 Thematic Exploitation Platforms: **Alessandro Marin**
 14:20 Questions and Discussions

6: Technical Discussions: User Metrics
 Moderator: **Mirko Albani** / Slido: #3May_Session6

14:30 Introduction: **Mirko Albani** (ESA)
 14:40 GEOSS Platform User Metrics: **Mattia Santoro, Guido Colangeli** (CNR)
 14:50 Data Providers User Metrics Needs: **Lionel Menard** (Mines/Paristech)
 15:00 Panel Discussion

Coffee break

7. Lightning talks: Climate / Water
 Unesco Water Information Network System: **Youssef Filali-Meknassi**
 Copernicus Atmospheric, C3S: **Martin Suttie** (ECMWF)
 EPOS IP/MED SUV, INGV: **Massimo Cocco**
 Austria Climate Change Center: **Georg Seyerl**
 Status of the Volcano Observations EPOS-TCS, INGV, **Giuseppe Puglisi**

8: Other infrastructures & the GEOSS Platform
 Moderator: **Paolo Mazzetti** / Slido: #3May_Session8

16:00 Introduction - **Paolo Mazzetti**
 16:10 E-Sensing and Machine Learning Methods for Classification of Dense Satellite Image Time Series: **Gilberto Câmara** (INPE)
 16:25 Swiss Data Cube: **Gregory Giuliani** (UNIGE)
 16:40 Data4SDGs: **Adrian Laurenzi**
 16:55 Radiant Earth: **Daniel Lopez**
 17:10 EOSC- Science Cloud: **Tiziana Ferrari**
 17:30 Questions and Discussion

Data Providers & Users Training
GEOSS Status Checker
 14:30-15:15: Learn about the GEOSS Status Checker; what it is, how it works, and how to manage service health.
Steve Browdy, Rich Frazier, Michelle Anthony

Data Providers & Users Training
GEOSS Platform Statistics
 15:30-16:00
Guido Colangeli, Mattia Santoro

No-host Dinner
 ESRIN Canteen/Terrace, 18:30-21:00 / 35 euros cash to be paid at registration

DAY 3 / 4 MAY 2018

JAMES COOK ROOM

BIG HALL

Data Users Training
Hands-on GEOSS Portal training
 (8:30-9:00)

9:00 **1: How Commercial sector can benefit the GEOSS Platform in support of Users**

Moderator: **Steven Ramage** / Slido: #4May_Session1

9:00 **Ian Schuler**, Development Seed
 9:10 **Thomas Heege**, EOMAP: Success story of an SME working with open data and GEOSS

9:30 9:20 **Pat Cummins**, Esri
 9:30 **Lorant Czarán**: UNOOSA and their role in advancing open data policy in Commercial Sector,
 9:40 **Iain MacInnes**, DigitalGlobe
 9:50 Questions & discussion

10:00 **2: How the commercial sector can work with GEO and the GEOSS Platform**

Moderator: **Steven Ramage** / Slido: #4May_Session2

10:00 **Rene Griesbach**, Planet
 10:10 **Sara Antognelli**, TeamDev: Data for GIS services
 10:20 **Bruno Sanguinetti**, DotPhoton: Reducing transmission & storage costs of raw aerial imaging data with sensor-optimized compression
 10:30 **Rita Malosti**, Airbus: Airbus enabling innovation through open data
 10:40 **Lefteris Mamais**, Evenflow
 10:50 Questions

11:00 **3. Lightning talks: Sustainable Development Goals**

Coffee break

Akiko Noda, JAXA
Tim Hirsch, GBIF
Roberto Monsorno, EURAC
Sudip Pradhan, ICIMOD
Philippe Maisongrande, Legos Hydroweb

Developers & Data Providers Training
Designing and implementing an EO Data Catalogue interoperable with the GEOSS Platform

11:00-12:00
Lionel Menard & Roberto Roncella

11:30 **4: GEOSS Platform User & User Needs Stories**

Moderator: **Chris Atherton** / Slido: #4May_Session4

11:30 **Hermann Asensio** (WMO): WMO WIS and GEOSS Platform Interoperability
 11:40 **Mercio Cerbaro** (University of Surrey / INPE): EO Users needs research
 11:50 **Alexandra Christin**: What kind of data is still needed for International disaster risk ranking?
 12:00 **Chris Atherton** (Geant): Gathering your requirements for EO communication networks, role of the GEOSS Platform with partners
 12:15 Discussion

Data Users Training
GEOSS Like
Guido Colangeli

12:30 Lunch break (no-host, 12:30 - 13:30)

13:00

BIG HALL

JAMES COOK ROOM

13:30 **5: Other Organizations & Initiatives: Benefits for and from the GEOSS Platform**
 Moderator: Joost Van Bemmelen / Slido: #4May_Session5

13:30 Zhang Lianchong, DBAR
 13:40 Radu Botez, UNOOSA - UN SPIDER

14:00 13:50 Stephan Dietrich, GTN-H
 14:00 Yubao Qiu, GEO CRI
 14:10 Joachim Adrup, ESA: Preliminary interoperability test, Data Cubes and the GEOSS Platform
 14:20 Discussion

14:30 **6: GEOSS/HACK 2018 Presentations**
 Moderator: Diana Mastracci / Slido: #4May_Session6

15:00

15:30 **7. Lightning talks: Sustainable Development Goals**

Coffee break

Unesco IIWQ: Sarantuyaa Zandaryaa
 Atlantos: Ketil Koop-Jakobsen
 Webservice Energy: Lionel Menard
 Citizen Science, CtiSci: Joan Maso
 Ecological Land Unit: Pat Cummins for Roger Sayre

16:00 **8: Wrap up: GEOSS Platform Vision**
 Moderator: Steven Ramage / Slido: #4May_Session8

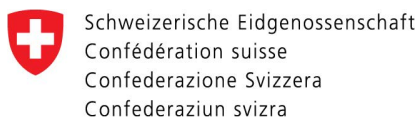
16:00 Gilberto Câmara (INPE)

16:30 **9. Closing session / 4th GEO Data Providers Workshop Planning**
 Moderator: Joost Van Bemmelen, Paola De Salvo

17:00 *OPEN CALL FOR 4th GEO DATA PROVIDERS WORKSHOP PROPOSALS

DAY 3 / 4 MAY 2018

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