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# Sunday, October 21, 2018

**Agenda**

**CEOS WGISS-46**

**October 22-26, 2018**

**Hosted by the German Aerospace Center (DLR)**

**Version 1.0 October 21, 2018**

**\*Indicates remote presentation**

## 18:00 WGISS-Exec Meeting Piushof Hotel Lobby

# Monday, October 22, 2018

## 08:15 Meet at corner Mühlfelder Str./Seestr.: <https://goo.gl/maps/9aaCK2dLmqM2> for

##  Transportation to Meeting

## 08:30 Registration

## 09:00 Convene

#### WGISS PLENARY Mirko Albani

09:00 Host Welcome and Logistics Information *Stefan Dech*

09:10 Welcome and Introductions, Adoption of Agenda *Mirko Albani*

09:20 WISP Report *Michelle Piepgrass*

09:30 WGISS Chair Report *Mirko Albani*

10:00 Review of WGISS 2018-2020 Work Plan *Mirko Albani*

## 10:30 Break

**Data PRESERVATION and STEWARDSHIP**

10:50 Data Stewardship Reference Model *Iolanda Maggio*

11:10 WMO-wide Stewardship Maturity Matrix for Climate Data *Ge Peng*

11:40 Data Management and Stewardship Maturity Matrix

 Lessons Learned   *Liu Chuang*

12:10 EVER-EST to support the Research Life cycle management *Federica Foglini\**

 *Rosemarie Leone\**

## 12:30 Lunch

**Data PRESERVATION and STEWARDSHIP, continued**

13:30 Knowledge Management System (KMS)

 Information Preservation Processes *Rosemarie Leone*\*

14:00 Measuring EO Data Usage – Best Practices *Iolanda Maggio*

14:30 CERN Archiving Centre *Jamie Shiers*

15:00 ISO 19165-2 Standard status *Hampapuram Ramapriyan\**

## 15:30 Break

15:50 Knowledge Sharing Opportunities: Conferences *Esther Conway\*,*

 *Iolanda Maggio*

16:00 CEOS Executive Officer Report *Steven Hosford\**

16:20 SEO Report *Brian Killough\**

16:40 WGCapD Report *Dieter Hausamann*

16:50 Hungarian Space Office Liaison Report *Gabor Remetey\**

17:00 WGISS Brochure *Iolanda Maggio*

## 17:15 Adjourn

# Tuesday, October 23, 2018

## 08:15 Meet at corner Mühlfelder Str./Seestr.: <https://goo.gl/maps/9aaCK2dLmqM2> for

##  Transportation to Meeting

## 09:00 Convene

**Data DISCOVERY and ACCESS**

09:00 Introduction *Yonsook Enloe*

 WGISS Connected Data Assets Report *Yonsook Enloe*

 CWIC Report *Yonsook Enloe*

 IDN Report *Michael Morahan*

 FedEO Update *Andrea Della Vecchia*

 European Partners’ Data Collections Registration into IDN through FedEO

 ESA Catalog Evolution

## 10:30 Break

10:50 ESA TPM Datacube Demonstration *Andrea Della Vecchia*

 Partner Reports

 EUMETSAT Report *Uwe Voges*

JAXA Portal *Yousuke Ikehata*

 CEOS OpenSearch Conformance Test Document *Andrea Della Vecchia*

 WGISS Connected Data Assets Client Guide Document *Yonsook Enloe*

## 12:30 Lunch

**TECHNOLOGY EXPLORATION**

13:30 Interfacing Tools with Data *Chris Lynnes*

13:45 FOSS Libraries and Tools to Raise EO Data and Applications *Homero Lozza\**

14:05 Google Dataset Search Tool Evaluation (DLR) *André Twele*

14:15 Google Dataset Search Tool Evaluation (NASA) *Doug Newman\**

14:25 DATA-14: White Paper on Single Sign-On (SSO) Authentication *Marco Leonardi*

14:40 Artificial intelligence for Earth Observation - Towards an R&I *Sveinung Loekken*

15:10 FDA topics going forward  *Robert Woodcock*

## 15:30 tour of the German Space Operations Center

## 17:15 Adjourn

# Wednesday, October 24, 2018

## 08:15 Meet at corner Mühlfelder Str./Seestr.: <https://goo.gl/maps/9aaCK2dLmqM2> for

##  Transportation to Meeting

## 09:00 Convene

**GEOSS-WGISS Interoperability and Future Data Architectures**

09:00 Introduction *Mirko Albani*

09:10 CEOS WGISS Overview and report *Mirko Albani*

09:30 GEO SEC Overview and report *Paola de Salvo\**

10:00 WGISS Connected Data Assets State of the Art *Yonsook Enloe*

## 10:30 Break

10:50 CEOS Future Data Architectures (FDA) Activities *Robert Woodcock*

 (e.g. Data Cubes, Exploitation Platforms)

11:50 GEOSS Platform and GEO Portal *Joost van Bemmelen\*,*

 *Guido Colangeli\*,*

 *Stefano Nativi\**

## 12:15 Group Photo

## 12:30 Lunch

13:30 NextGEOSS *Bente Lija Bye\**

13:50 Regional GEOSS: Architectures/Interoperability/Technology/Cooperation

 AmeriGEOSS *Eldrich Frazier\**

AfriGEOSS *Imran Saloojee\**

 EuroGEOSS *Anica Huck*

14:50 GEOSS Data Providers Workshop Outcomes *Paola De Salvo*

15:10 GEOSS EVOLVE and Future Vision *Stefano Nativi\**

## 15:30 Break

15:50 WGISS Contribution to DMP Evolution *Iolanda Maggio*

16:10 Discussion Topics: *Rob Woodcock, Yonsook Enloe*

 *Stefano Nativi\*,*

 *Joost von Bemmelen\**

Current GEOSS Challenges with Respect to Data Discovery and Access Systems

 What is working, what can be working better, what is not working

 GEOSS/WGISS interoperability issues

GEOSS Future Vision and CEOS Future Data Architectures:

 Challenges, synergies, and opportunities

## 17:15 Adjourn

## 18:30-22:00 Social Event; no-Host dinner restaurant Klostergasthof at the Andechs Monastery

# Thursday, October 25, 2018

## 08:15 Meet at corner Mühlfelder Str./Seestr.: <https://goo.gl/maps/9aaCK2dLmqM2> for

##  Transportation to Meeting

## 09:00 Convene

**Data INTEROPERABILITY and USE**

09:00 FDA-08: FDA Reference architecture *Robert Woodcock*

09:25 WGCV-3: CEOS Data cubes and test site data access *Robert Woodcock*

09:50 WGCV-1: Data formats and interoperability *Kristi Kline*

10:15 FDA-09: Inventory and characterize existing FDAs *Mirko Albani*

## 10:40 Break

11:00 FDA-10 Inventory of software and tools (open source) *Iolanda Maggio*

11:25 CARB-15 Carbon data portal prototype *Liping Di\**

11:50 GO FAIR, RDA *Richard Moreno*

**Agency/Liaison Reports**

12:15 NASA *Andrew Mitchell*

## 12:30 Lunch

13:30 ESA *Mirko Albani*

13:40 CSIRO *Robert Woodcock*

13:50 CNES *Richard Moreno*

14:20 USGS *Kristi Kline*

14:30 JAXA *Makoto Natsuisaka*

15:00 UKSA *Uzma Ali*

15:10 Future Meetings *Robert Woodcock*

## 15:20 Break

15:40 WGISS Summary *Mirko Albani*

16:00 WGISS-46 Action Items *Michelle Piepgrass*

16:45 Concluding Remarks *Mirko Albani*

## 17:15 Adjourn