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**CEOS WGISS-52, Agenda**

**Virtual Meeting, October 19-21, 2021**

# All times are Universal Time (UTC), all presentations are remote

**Version 0.6 Updated October 12, 2021**

# Tuesday, October 19, 2021

## 10:00 Convene

#### WGISS PLENARY

10:00 Welcome and Chair Report *Robert Woodcock (CSIRO)*

10:05 CEOS Executive Officer (CEO) Report *Marie-Claire Greening (CEO)*

10:15 Announcements of New Datasets, Services, and Tools *All*

**Enabling Open Science**

10:20 Introduction *Andy Mitchell (NASA)*

10:30 OpenEO Platform: Current Status and Evolution *P. Griffiths (ESA)*

10:45 Euro Data Cube - Bring Your Own Algorithm (BYOA) *Anja Vrecko (Sinergise),*

*P. Mougnaud (ESA)*

11:00 Open Science by Design *K. Baynes (NASA)*

11:15USGS *Pete Doucette (USGS)*

11:30Discussion *Andy Mitchell (NASA)*

## 11:40 Break

**Data DISCOVERY and ACCESS**

11:50 Introduction *Damiano Guerrucci (ESA)*

11:55 Status of GEO DAB Interoperability CEOS Catalogues *Roberto Roncella (CNR-IIA/ESA)*

General Reports

12:00 IDN *Michael Morahan (NASA)*

12:10 CWIC and CWIC Evolution *Minnie Wong (NASA)*

12:20 FedEO *Y. Coene (Spacebel/ESA)*

12:30 Discovery of Services *Y. Coene (Spacebel/ESA)*

12:45 Processing-On-the-Fly Macro-Language (POF-ML) *S. Riazanoff (VisioTerra)*

for Data Access and User Services

## 13:00 Adjourn

# Wednesday, October 20, 2021

## 10:00 Convene

**Data INTEROPERABILITY and USE**

10:00 Introduction *Robert Woodcock (CSIRO)*

10:05 ARD Services for ECV Data in WGISS Carbon Community Portal *Liping Di (NASA, NOAA)*

10:20 Progress on developing ISO 19124-1 Calibration and Validation Standard *Liping Di (NASA, NOAA)*

10:35 Data Deployments in the Cloud – Summary *Diane Davies (NASA)*

10:50 Cloud Computing Technology

10:50 Cloud Migration Archive Pilot *Ken Casey (NOAA)*

11:05 Earthdata Cloud *Dan Pilone (NASA)*

11:20 Update on Earth Analytics Interoperability Lab (EAIL) *Robert Woodcock (CSIRO)*

11:30FDA and OSS Inventories *Iolanda Maggio (Rhea/ESA)*

## 11:40 Break

**TECHNOLOGY EXPLORATION**

11:50 Introduction *Yousuke Ikehata (JAXA)*

11:55 Webinar with Jupyter Notebook Report with WGCapD *Esther Conway (UKSA)*

12:00 Joint Webinar Planning with WGCapD *Kenton Ross (NASA)*

12:10 Jupyter Notebook Best Practice *Esther Conway (UKSA)*

12:25Blockchain KSI Technology *Priit Anton (Guardtime/ESA)*

12:40NEODAAS AI Service or PML with AI and Machine Learning *Katie Awty-Carroll (PML/UKSA)*

12:55 Technology Exploration Action Plan *Yousuke Ikehata (JAXA)*

## 13:05 Adjourn

# Thursday, October 21, 2021

## 10:00 Convene

**Data PRESERVATION and STEWARDSHIP**

10:00 Developing Community Guidelines to Promote Global Access to

and Harmonization of Quality Information of Individual Earth Science Datasets *Ge Peng (NASA)*

10:15 Term 'Level' Used in Maturity Matrix and Product Level Definition – Discussion *Iolanda Maggio (Rhea/ESA)*

10:20 Session on Data Quality Self-Assessment and Indicators

10:20 WGISS Data Management and Stewardship Maturity Matrix *Iolanda Maggio (Rhea/ESA),*

and Quality Indicators *P. Castracane (Rhea/ESA)*

10:30 Data Quality at ESA *Philippe Goryl (ESA)*

10:40 Data Quality at NOAA *Nancy Ritchey (NOAA)*

10:50 Data Quality at JAXA *Makoto Natsuisaka (JAXA)*

11:00 Data Quality at USGS *Cody Anderson (USGS)*

11:10Provenance Using KSI Blockchain Pilot Project *Priit Anton (GUARDTIME/ESA)*

## 11:20 Break

11:30 OAIS Interoperability Framework (OAIS-IF) *Roberta Svanetti (DEDACLOUD/ESA)*

11:45 Data Integrity and Authenticity on Cloud *Iolanda Maggio (Rhea/ESA)*

12:00 CEOS Common Online Dictionary *Katrin Molch (DLR)*

12:15 International Cooperation on AVHRR Data *Mirko Albani (ESA)*

**WGISS PLENARY**

12:25 Agency Reports

12:25 CONAE *Homero Lozza (CONAE)*

12:30 NASA *Andy Mitchell (NASA)*

12:35 USGS *Tom Sohre (USGS)*

12:40 Future Meetings *Makoto Natsuisaka (JAXA)*

12:45 WGISS Summary and Discussion, Concluding Remarks *Robert Woodcock (CSIRO)*

## 13:00 Adjourn