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**CEOS WGISS-51, Agenda**

**Virtual Meeting, April 20-22, 2021**

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

**Version 1.0 April 19, 2021**

# Tuesday, April 20, 2021

## 11:00 Convene

#### WGISS PLENARY

11:00 Welcome *Robert Woodcock (CSIRO)*

 WGISS Chair Report *Robert Woodcock (CSIRO)*

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

 Systems Engineering Office (SEO) Report *Brian Killough (NASA)*

 GEO-SEC Report *Gilberto Camara (GEOSEC)*

 Announcements of New Datasets *All*

 WGISS Plenary Discussion, Summary of Actions, Chair Report Highlights *Robert Woodcock (CSIRO)*

**Data DISCOVERY and ACCESS**

12:00 Introduction *Damiano Guerrucci (ESA)*

General Reports

 IDN *Michael Morahan (NASA)*

  CWIC and CWIC Evolution          *Minnie Wong (NASA)*

 FedEO          *Y. Coene (Spacebel, ESA),*

 *A. Della Vecchia (Randstad, ESA)*

 OpenSearch Best Practices Document (Recent Updates)  *Minnie Wong (NASA)*

 QC-MMS – Experience with Quality Metadata, Catalog and Jupyter Notebook      *Y. Coene (Spacebel, ESA)*

 NASA EOSDIS STAC

 State of STAC       *Matt Hanson (Element 84/NASA),*

 STAC and Harmony   *Amy Steiker (NSIDC/NASA*

 STAC’s Potential for Federated Search *Doug Newman (Raytheon/NASA)*

USGS Migration to Cloud         *Kristi Kline, USGS*

 NASA Cloud Data Access      *Chris Lynnes (NASA)*

ESA Extended Data Access *G. Troina (ESA),*

 *A. Della Vecchia (Randstad, ESA*

ESA Earth Observation Identity Access Management         *V. Amans (ESA),*

 *M. Leonardi (Rhea, ESA)*

## 13:00 Adjourn

# Wednesday, April 21, 2021

## 11:00 Convene

**Data INTEROPERABILITY and USE**

11:00 Introduction: Cloud Formats Best Practice or White Paper Development *Robert Woodcock (CSIRO)*

 Technical Readiness of ARD *P. Goryl (ESA)*

 Analysis Ready Satellite Data *Chris Lynnes (NASA)*

 SEO Perspective on CEOS Satellite Data in the Cloud *Brian Killough (NASA)*

 ESA Digital Twin Earth Climate Explorer Project on JASMIN *Phil Kershaw,*

 *Ag Stephens (NCEO/UKSA)*

 Cloud-Native Earth Observation Data and Metadata Standards *Alex Leith (GA)*

 at Digital Earth Australia

 CEOS EAIL Update *Robert Woodcock (CSIRO)*

 Zarr Cloud Format in Open Data Cube for Hyperspectral Data *Peter Wang (CSIRO)*

 A Parquet Cube Alternative to Store Gridded Data *Jean-Michel Zigna (CLS, CNES)*

 for Data Analytics and Modeling

 Data Interoperability and Use Discussion, Summary of Actions *Robert Woodcock (CSIRO)*

**TECHNOLOGY EXPLORATION**

12:00 Introduction *Yousuke Ikehata (JAXA)*

WGCapD Webinar Toolkit *Kenton Ross (NASA)*

Jupyter Notebook for WGCapD Webinar *Esther Conway (*UKSA*)*

 CSIRO Jupyter Notebook Experience *Matt Paget (CSIRO)*

 Developing a Jupyter Notebook Best Practice *Esther Conway (UKSA)*

 Discussion and Planning for Jupyter Notebooks Best Practice *Yousuke Ikehata (JAXA)*

Future Topics for Technology Exploration *All*

## 13:00 Adjourn

# Thursday, April 22, 2021

## 11:00 Convene

**Data PRESERVATION and STEWARDSHIP**

11:00 CAL/VAL Maturity Matrix     *Paolo Castracane (Rhea, ESA),*

 *P. Goryl (ESA)*

 NOAA Maturity Matrix Self-Assessment Tool *Nancy Ritchey (NOAA)*

 PID Open Point discussion *Mirko Albani (ESA)*

NASA PID *Dawn Lowe (NASA)*

 Archive holdings and technology session

 ESA *Daniele Iozzino (Rhea, ESA)*

 NOAA *Nancy Ritchey (NOAA)*

STFC/CEDA *Esther Conway (UKSA)*

 USGS *Ryan Longhenry (USGS)*

 NASA *Diane Davies (NASA)*

 JAXA *Makoto Natsuisaka (JAXA)*

 ISRO *Kalpana Tanguturu (ISRO)*

 International Cooperation on AVHRR Data *Mirko Albani (ESA)*

**WGISS PLENARY**

12:10 Agency Reports

 NASA *Andy Mitchell (NASA)*

 NOAA *Ken Casey (NOAA)*

CSA-CCMEO *Will Mackinnon (CSA-CCMEO)*

USGS *Tom Sohre (USGS)*

 CNES *Richard Moreno (CNES)*

 Future Meetings *Makoto Natsuisaka (JAXA)*

 WGISS Summary and Discussion *Robert Woodcock (CSIRO)*

 Review of WGISS Actions *Michelle Piepgrass* *(CSIRO)*

 Concluding Discussion and Remarks *Robert Woodcock (CSIRO)*

## 13:00 Adjourn