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**CEOS WGISS-49, Agenda**

**Virtual Meeting, April 21-23, 2020**

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

**Version 1.0 April 16, 2020**

# Tuesday, April 21, 2020

## 11:00 Convene

#### WGISS PLENARY

11:00 Welcome and Introductions, Adoption of Agenda *Robert Woodcock (CSIRO)*

11:05 CEOS Executive Officer (CEO) Report *Kerry Sawyer (NASA)*

11:20 Systems Engineering Office (SEO) Report *Brian Killough (NASA)*

11:30 CEOS Working Groups Reports and Progress on Cooperation with WGISS

 WGCapD *Nancy Searby (NASA)*

WGDisasters *David Borges (NASA)*

11:40 WGISS Plenary Discussion, Summary of Actions, Chair Report Highlights *Robert Woodcock (CSIRO)*

**Data INTEROPERABILITY and USE (Part 1 of 2)**

***FDA – Cloud based EO Analytics architectures and deployment/operations***

11:50 USGS Landsat processing Cloud architecture *Kristi Kline (USGS)*

12:05 Open Data Cube on Kubernetes *Robert Woodcock (CSIRO)*

12:20 ESA Pixel Based Access and Data cube initiatives *Philippe Mougnaud (ESA),*

 *Andrea Della Vecchia (ESA)*

12:35 Status of the Brazil Data Cube Project *Lubia Vinhas (INPE)*

## 12:50 Break

13:10 Data Interoperability and use Discussion *Robert Woodcock (CSIRO)*

**Data DISCOVERY and ACCESS**

13:25 General Reports

13:45 STAC Overview     *Chris Holmes*

14:00 Landsat and STAC     *Matt Hanson, Kristi Kline*

 *(USGS)*

14:15 ESA FedEO STAC     *Yves Coene (ESA)*

14:30 Data Discovery and Access Discussion, Summary of Actions     *Damiano Guerrucci (ESA)*

## 15:00 Adjourn

# Wednesday, April 22, 2020

## 11:00 Convene

**Data INTEROPERABILITY and USE (Part 2 of 2)**

***User Experience and Portals for EO Analytics and Use***

11:00 Ghanaian Crop Modelling Jupyter Notebook and Data Cube *Jose Gomez-Dans*

 *(NCEO/UCL)*

11:15 JASMIN Jupyter Notebook Service Challenges and Opportunities *Phil Kershaw,*

 *Mat Pryor (NCEO/CEDA)*

11:35 Jupyter for CAPD – UK Overseas Development Aid, Agritech, etc. *Esther Conway (UKSA),*

 *Heiko Balzer (NCEO)*

11:45 Discussion and Next Actions on Jupyter in EO *Esther Conway (UKSA)*

12:00 Carbon Portal Update – Links to the Open Data Cube *Liping Di (NASA/NOAA)*

12:15 CEOS COAST - Users Needs and Experience *Paul DiGiacomo (NOAA)*

***Data Cube interoperability***

12:30 openEO *Matthias Schramm*

 *(Vienna Univ. of Technology)*

12:40 Data Interoperability and Use Discussion, Summary of Actions *Robert Woodcock (CSIRO)*

## 12:50 Break

13:15 WGCV-WGISS Joint Activities *Cindy Ong (CSIRO)*

**TECHNOLOGY EXPLORATION**

13:30 Cloud Native Data Formats Overview *Chris Lynnes (NASA)*

13:45 Pangeo Ecosystem; xarray and zarr *Ryan Abernathey*

***Update on CEOS ARD Production, Strategy and Approaches***

14:00 USGS *Tom Sohre (USGS)*

14:15 NOAA: CoastWatch and OceanWatch ARD Preparation and Product Interoperability *Veronica Lance (NOAA)*

14:30 LSI-VC update on CARD4L and ARD Strategy *Steven Labahn (USGS)*

14:45 ARD and Datacube for BIMSTEC *D. Dhar (ISRO)*

## 15:00 Adjourn

# Thursday, April 23, 2020

## 11:00 Convene

**Data PRESERVATION and STEWARDSHIP**

11:00 Data Stewardship and Management Maturity Matrix *Iolanda Maggio (ESA)*

11:15 NOAA CoMET Tool and the Maturity Matrix Self-Assessment Tool *Nancy Ritchey (NOAA)*

11:30 Persistent Identifier Implementation at CEOS agencies

 CEOS PID Best Practice *Iolanda Maggio (ESA)*

 ESA *Mirko Albani (ESA)*

 NASA *Dawn Lowe (NASA)*

 NOAA *Nancy Ritchey (NOAA)*

 JAXA *Makoto Natsuisaka (JAXA)*

 CNES *Richard Moreno (CNES)*

ISRO *Nitant Dube (ISRO)*

12:30 Technical Content and Information Preservation *Iolanda Maggio (ESA)*

12:40 Discussion and Actions Review *Mirko Albani (ESA)*

## 12:50 Break

**WGISS PLENARY, continued**

13:10 Future Meetings *Makoto Natsuisaka (JAXA)*

13:15 Discussion *Robert Woodcock (CSIRO)*

13:45 WGISS Summary *Robert Woodcock (CSIRO)*

14:10 Review of WGISS-48 Actions *Michelle Piepgrass* *(CSIRO)*

14:30 WGISS-49 Actions *Michelle Piepgrass (CSIRO)*

14:50 Concluding Remarks *Robert Woodcock (CSIRO)*

## 15:00 Adjourn