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# Monday, October 7, 2019

**CEOS WGISS-48, Agenda**

**Hanoi, Vietnam, October 8-11, 2019**

**Hosted by the VIETNAM NATIONAL SPACE CENTER (VNSC)**

**Version 1.0 October 1, 2019**

**\*Indicates remote presentation**

## 18:00 WGISS-Exec Meeting

##  Hanoi Garden Restaurant, 36 Hàng Mành, Hàng Gai, Hoàn Kiếm

# Tuesday, October 8, 2019

## Meeting room 903, 9th floor, Building A6, VAST campus, 18B Hoang Quoc Viet str., Hanoi

## 09:00 Registration

## 09:30 Convene

#### WGISS PLENARY

09:30 Host Welcome *Dr. Vu Anh Tuân,*

 *VNSC Vice Director General*

10:00 Welcome and Introductions, Adoption of Agenda *Mirko Albani*

10:10 Systems Engineering Office (SEO) Report *Brian Killough\**

**Data DISCOVERY and ACCESS**

10:30 Connected Data Assets System Level Team

10:30 WGISS Connected Data Assets Status Report *Andrew Mitchell*

10:50 CWIC Report *Archie Warnock\**

## 11:10 Break

11:30 IDN Report *Michael Morahan*

11:50 FedEO Report *Mirko Albani*

12:10 NASA Services/Tools Metadata Refactoring Efforts *Valerie Dixon*

## 12:30 Lunch VNSC canteen, 10th floor

13:30 NOAA One-Stop and the Cloud *Ken Casey*

13:50 OGC Happenings *Yves Coene\**

 Testbed15 “Service Discovery”

 OGC 17-184 “Collection Description”

14:10 GEOSS Platform – New Version: "Data & Knowledge” *Guido Colangeli\**

14:30 Data Discover and Access Discussion, Summary of Actions *Mirko Albani*

**WGISS PLENARY, continued**

15:00 WISP Report *Michelle Piepgrass*

## 15:20 Break

15:40 WGISS Chair Report *Mirko Albani*

16:10 CEOS Executive Officer (CEO) Report *Steven Hosford*\*

16:30 WGISS Plenary Discussion, Summary of Actions *Mirko Albani*

17:00

## 17:30 Adjourn

# Wednesday October 9, 2019

## Meeting room 903, 9th floor, Building A6, VAST campus, 18B Hoang Quoc Viet str., Hanoi

## 09:30 Convene

**Data INTEROPERABILITY and USE**

09:30 Future Data Architectures *Robert Woodcock*

09:40 ARD/AODS in Apache SDAP *Thomas Huang\**

10:00 OPeNDAP in the Cloud *James Gallagher\**

10:20 Forest Monitoring Initiative and Vietnam Data Cube *Dr. Vu Anh Tuân*

## 10:50 Break

11:10 Carbon Portal Presentation and Demonstration *Liping Di*

11:30 UK ARD, Downstream and Calibration Data *Esther Conway*

11:50 UK Open Data Cube Initiatives *Rob Fletcher*

## 12:15 Group Photo

## 12:30 Lunch VNSC canteen, 10th floor

13:30 [Inventory and Characterise Existing FDAs (FDA-09)](http://ceos.org/document_management/Working_Groups/WGISS/Meetings/WGISS-47/1.%20Monday%20April%2029/2019.04.29_15.10%20FDA-09-%20Inventory%20and%20characterize%20existing%20FDAs.pptx) *Iolanda Maggio*

13:50 [Inventory of Software and Tools (Open Source) (FDA-10)](http://ceos.org/document_management/Working_Groups/WGISS/Meetings/WGISS-47/3.%20Wednesday%20May%201/2019.05.01_09.40%20FDA-9%20Inventory%20of%20OSS2.pptx)  *Iolanda Maggio*

14:10 Why to Watch WFS 3.0 *Valerie Dixon*

14:30 ONDA DIAS *Franck Ranera\**

14:50 CREODIAS *Alek Cesarz\**

## 15:10 Break

15:30 Data Cubes Interoperability – Setting the Scene *Robert Woodcock*

15:40 Progress on the Euro Data Cube *Philippe Mougnaud\*,*

 *Grega Milcinski\**

16:00Progress on the HMDC *Mirko Albani*

16:20 Progress on the ODC Data Cube *Robert Woodcock*

16:40 Roadmap and Short Term Activities on Interoperability between ODC / HMDC / EuroDC *Robert Woodcock,*

 Data Cubes (e.g. Jupyter notebooks with XArray API and WCS / WPS) *Brian Killough\**

17:10 Data Interoperability and Use Discussion, Summary of Actions *Robert Woodcock*

## 17:30 Adjourn

## 18:30 No-Host Dinner, Hanoi Garden Restaurant, 36 Hàng Mành, Hàng Gai, Hoàn Kiếm

# Thursday October 10, 2019

## Meeting room 903, 9th floor, Building A6, VAST campus, 18B Hoang Quoc Viet str., Hanoi

## 09:30 Convene

**Agency and Liaison Reports**

09:30 ISO 19165-2 *Hampapuram Ramapriyan\**

09:45 ISO TC 211 *Liping Di*

10:00UKSA *Esther Conway*

10:10 JAXA *Makoto Natsuisaka*

10:20 CNES *Richard Moreno*

10:30 NASA *Andrew Mitchell*

10:40ESA *Mirko Albani*

## 10:50 Break

**Data PRESERVATION and STEWARDSHIP**

11:10 Persistent Identifiers – Approaches and Processes, Documentation and Software,

 Landing Page Approach, Lessons Learned

11:10 ESA *Iolanda Maggio*

11:30 NOAA *Ken Casey*

11:50 CNES *Richard Moreno*

12:10 Preservation Pilot Project *Mirko Albani*

## 12:30 Lunch VNSC canteen, 10th floor

13:30 PV2020 Conference *Esther Conway*

13:50 Use of SKOS Interface and Tools *Damiano Guerrucci\**

14:10 NOAA Maturity Matrix Self-Assessment Tool *Ken Casey*

14:30 EDAP: Quality Assessment Matrix *Philippe Goryl\**

14:50 RDA Fair Maturity Model and Way Forward for Finalization of WGISS Maturity Matrix *Iolanda Maggio*

15:10 AVHRR European Dataset Preservation and Valorization Project *Stefan Wunderle\**

15:30 Data Preservation and Stewardship Discussion, Summary of Actions *Mirko Albani*

## 15:50 Break

**WGISS PLENARY, continued**

16:10 GEO Secretariat Report *Gilberto Camara\**

16:30GEO Work Programme and WGISS Contributions *Mirko Albani*

16:40 GEO Discussion, Summary of Actions *Mirko Albani*

**TECHNOLOGY EXPLORATION**

17:00 Blockchain and Earth Observation *Antonio Romeo\**

## 17:30 Adjourn

# Friday October 11, 2019

## Meeting room 903, 9th floor, Building A6, VAST campus, 18B Hoang Quoc Viet str., Hanoi

## 09:30 Convene

**TECHNOLOGY EXPLORATION, continued**

09:30 Introduction *Valerie Dixon*

09:40 NASA Knowledge Graph Prototype3 *Doug Newman\**

10:00 Linked Data at Scale in the Global Change Information Service  *Reid Sherman\**

10:20 SELFIE (Second Environmental Linked Features Interoperability Experiment)  *D Blodgett\*,*

 *Alistair Ritchie\**

## 10:40 Break

11:00 OGC API - Features: a resource oriented alternative to WFS *George Percivall\**

11:20 STAC – Spatiotemporal Asset Catalog  *Dan Pilone\**

11:40 Technology Exploration Discussion, Summary of Actions *Valerie Dixon*

**WGISS PLENARY, continued**

12:20 Future Meetings *Robert Woodcock*

## 12:30 Lunch VNSC canteen, 10th floor

13:30 CEOS Working Groups Reports and Progress on Cooperation with WGISS

13:30 WGCV *Cindy Ong\**

13:50 WGCapD *Lauren Childs\**

14:10 WGClimate *Joerg Schultz\**

14:30SDG AHT *Marc Paganini\**

14:50 CEOS Working Groups Cooperation Discussion, Summary of Actions *Mirko Albani*

## 15:10 Break

15:30 WGISS Summary *Mirko Albani*

15:50 Review of WGISS-47 Actions *Michelle Piepgrass*

16:10 WGISS-48 Actions *Michelle Piepgrass*

16:40 Concluding Remarks *Mirko Albani*

## 17:00 Adjourn