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# Monday, March 14, 2016

**Agenda**

**CEOS WGISS-41 Plenary Canberra, Australia**

**Hosted by Geoscience Australia and CSIRO**

**March 14 – March 18, 2016**

**Version 1.0 March 14, 2016**

**\*Indicates remote presentation**

## 08:30 Convene

#### WGISS PLENARY Andrew Mitchell

08:30 Host Welcome Logistics Information *GA/CSIRO*

09:00 Welcome and Introductions *Andrew Mitchell*

09:10 GA Welcome Address *Dr Stuart Minchin*

*Chief of Division of the Environmental Geoscience, GA*

09:20 Adoption of Agenda *Andrew Mitchell*

09:30 WISP, Meeting Instructions *Martin Yapur*

09:40 WGISS Chair Report *Andrew Mitchell*

10:00 Review of WGISS Actions *Andrew Mitchell*

## 11:00 Break

11:15 Discussion on joint activities with WGCV *All*

## 12:30 Lunch

**PRESERVATION**

13:30 Data Stewardship Interest Group Overview and Updates *Mirko Albani*

14:15 Preservation of Software and Documents *Mirko Albani*

14:45 Report on Agencies Stewardship Activities

NOAA - Scientific Maturity Model *Martin Yapur*

ESA - Maturity Matrix/Model for Harmonization *Mirko Albani*

## 15:15 Break

15:30 Report on Agencies Stewardship Activities

Landsat Global Archive Consolidation (LGAC) *Kristi Kline*

ESA-NASA Joint Effort for Historical Data Recovery *Andy Mitchell, Mirko Albani*

16:15 Preservation Discussion *All*

Thesaurus *Richard Moreno*

Persistent Identifiers *Andrew Mitchell/Richard Moreno*

16:45 Minutes and Action Items review *Michelle Piepgrass*

## 18:00- 20:00 Joint Ice Breaker Event at Walt and Burley, sponsored by CSIRO.

## Snacks and cash bar will be available.

## Please be ready in hotel foyer for transportation to event at 17:40.

## Delegates are responsible for dinner and transportation after the event.

# Tuesday, March 15, 2016

## 08:30 Convene

#### WGISS PLENARY Andrew Mitchell

08:30 Review of Presentation Instructions ­­­­­­­­­­­*Michelle Piepgrass*

**TECHNOLOGY EXPLORATION**

08:35 Introduction and Overview *Satoko Miura*

Semantics

08:45 Natural Language Interface for Exploratory Data Analysis *Peter Wang (CSIRO)*

09:00 Remote Sensing Data Semantics *Lizhe Wang (TBD)*

Big Data

09:15 Bridging the gap between the HPD/HPC 'Big Data' *Lesley Wyborn (NCI)*

09:35 Recent Work on Remote Sensing Cloud Computing and *Lizhe Wang*

Big Data Processing

09:50 NOSQL influenced solution for EO data exploration *Jeremy Hooke (GA)*

10:10 Discrete Global Grid Systems - a New way to manage *Matthew Purss (GA)*

'Big Earth Data’

## 10:30 Break

10:45 Optimisation of Storage Structure to Enable Efficient File *Joshua Sixsmith (GA)*

Access and Processing on Massive Time-series of EO Data

11:05 Bringing the Processing Close to the Data *Richard Moreno*

11:25 Technology Exploration Discussion: Semantics and Big Data *All*

12:15 Next Steps *Satoko Miura*

## 12:30 Lunch

**USE**

13:30 Future Architecture of Data *Kristie Kline, Richard Moreno,*

*Robert Woodcock*

14:30 WGISS Contribution to CEOS Future Data Architectures *All*

Study Team Report

15:00 CEOS Data Cube prototypes in Kenya and Colombia *Brian Killough (SEO)*

## 15:30 Break

15:45 Recovery Observatory Project *Richard Moreno*

16:15 USE Discussion *All*

16:45 Minutes and Action Items review *Michelle Piepgrass*

## 17:00 Adjourn

# Wednesday, March 16, 2016

## 08:30 Convene

#### WGISS/WGCV JOINT PLENARY Andrew Mitchell (WGISS Chair),

#### Albrecht von Bargen (WGCV Chair)

08:30 Welcome and Introductions *Andrew Mitchell,*

*Albrecht von Bargen*

08:40 Host Welcome Opening Address *Dr. Chris Pigram (CEO of GA)*

08:55 Host Welcome Opening Address *Alex Held*

09:10 Adoption of Agendas *Andrew Mitchell,*

*Albrecht von Bargen*

09:20 CEOS Executive Officer Rep­­­ort *Jonathon Ross (CEO)*

09:50 GEO Secretariat Report *Osamu Ochiai\* (GEO)*

## 10:20 Group Photo

## 10:30 Break

­­­­­11:00 GEO Work Plan IN-02-C1 / GEO Strategic Plan GD 5 *All*

11:30Introduction on WGCV/WGISS Joint Efforts *Andrew Mitchell, Albrecht von Bargen*

Future Data Access

Carbon Action items

Metadata and Metrics

LSI Virtual constellation

NMA initiative (for information)

12:00 Discussion on Joint Interaction *All*

## 12:30 Lunch

13:30 Discussion and Summary of Joint Interaction *All*

14:15 Joint Recommendations to CEOS and GEO *All*

14:45 Minutes and Action Items review *Michelle Piepgrass, Christian Rolf*

## 15:00 Break

15:30 Tour of GA Facility *All*

## 17:30 Transportation directly from meeting venue to National Arboretum

## 18:00 Joint Network Cocktail Event sponsored by GA at National Arboretum

## Dinner and beverages provided; neat casual attire please

## 21:15 Transportation to Garden City Hotel

# Thursday, March 17, 2016

## 08:30 Convene

#### WGISS PLENARY Andrew Mitchell

08:30 Review of Presentation Instructions *Michelle Piepgrass*

**ACCESS**

08:35 Water Portal Project *Satoko Miura*

Project Summary

Discussion

Project Closing

09:00 IDN *Michael Morahan*

09:45 OpenSearch II *Andrea Della Vecchia\**

## 10:30 Break

10:45 FedEO *Andrea Della Vecchia\*,*

*Philippe Mougnaud\**

11:30 CWIC *Yonsook Enloe,*

*Ken McDonald\**

CWIC Report *Yonsook Enloe*

ESDC – Future CWIC Client *Yonsook Enloe*

ISRO Report *Nitant Dube\**

NOAA Notes *Martin Yapur*

## 12:30 Lunch

13:30 WGISS Connected Assets *Yonsook Enloe*

14:00 Additional Data Sources *Yonsook Enloe*

14:30 ACCESS Discussion *All*

14:55 Minutes and Action Items review *Michelle Piepgrass*

## 15:00 Transportation from meeting venue to NCI

## 15:30 Tour of National Computing Infrastructure (NCI)

## 17:15 Transportation back to Garden City Hotel

# Friday, March 18, 2016

## 08:30 Convene

#### WGISS PLENARY Andrew Mitchell

08:30 Review of Presentation Instructions *Michelle Piepgrass*

08:35 Agency/Liaison Reports

CNES *Richard Moreno*

GA/CSIRO *Si­­­­­­mon Oliver*

GSDI *Gabor Remetey*

JAXA *Satoko Miura*

NASA *Andy Mitchell*

NOAA *Martin Yapur*

USGS *Kristi Kline*

ISRO *Nitant Dube*

## 10:30 Break

10:45 Discussion on WGCV joint activities

11:15 WGISS-42 Agenda Plan *Andrew Mitchell*

11:30 Future Meetings *Mirko Albani*

11:45 WGISS Summary *Andrew Mitchell*

12:15 Action Items Status *Michelle Piepgrass*

12:45 Concluding Remarks *Andrew Mitchell*

## 13:00 Adjourn