

CEOS WGISS-32 Agenda

26-30 September, 2011

Budapest, Hungary

Hosted by Hungarian Association for Geo-Information
(HUNAGI)

Monday, September 26, 2011

08:30 Registration

WGISS Plenary

Pakorn Apaphant

09:00 Convene

09:00	Welcome and Introductions, Adoption of Agenda	<i>Pakorn Apaphant</i>
09:15	Meeting Logistics and HUNAGI Welcome Address	<i>András Rab</i>
09:25	Hungarian Space Office Welcome Address	<i>Előd Both</i>
09:35	INSPIRE NCP Welcome Address	<i>Szabolcs Mihály</i>
09:45	WISP Report	<i>Martin Yapur</i>
10:00	Meeting Overview and Expected Outcomes	<i>Pakorn Apaphant</i>

10:15 Break

10:30	WGISS Input to CEOS Self Study	<i>Martha Maiden, Pakorn Apaphant,</i>
10:50	GEO Status and WGISS Contributions	<i>Satoko Miura</i>
11:30	Preparation for working session WGISS 5-Year Plan Update WGISS Presentation at the Plenary	<i>Pakorn Apaphant</i>

12:00 Lunch

13:00	WGISS-33 and Future Meetings	<i>Satoko Miura</i>
13:15	User Vice Chair Report	<i>Lorant Czarán</i>
13:45	Agency Reports CNES ESA JAXA NRSCC USGS NASA NOAA	

15:00 Break

15:15	Sprint To Plenary	<i>Ivan Petiteville</i>
15:45	WG on Capacity Building and Data Democracy	<i>Kerry Sawyer</i>
16:15	Updates on QA4EO Showcases	<i>Pakorn, All</i>
16:45	Charge to the Subgroups	<i>Pakorn Apaphant</i>

17:00 Adjourn

Tuesday, September 27, 2011

09:00 Convene

Applications Subgroup

Martin Yapur

09:00 Applications Subgroup Introduction *Martin Yapur*

09:05 International Directory Network (IDN) Interest Group
Status and updates *Lola Olsen*

09:45 Use of NASA's GCMD keyword vocabulary transformed in SKOS
Structures in the Context of ISDC Ontology and Beyond. *Bernd Ritschel*

10:00 Land Surface Imaging (LSI) Interest Group
Status and updates *John Faundeen*

10:05 Break

10:25 Atmospheric Composition Interest Group
Status and updates *Stefan Falke*

11:00 Global Data Sets Interest Group
Update on DEM Quality Information System (DEMqis)
Global Datasets activities *Wyn Cudlip,
Lorant Czaran*

11:30 Water Portal Project
Status Report *Satoko Miura*
Current Version Demonstration *Atsushi Kawai
Yoshiyuki Kudo*

12:00 Lunch

13:00 GEOSS Architecture for Disasters and Risk Assessments Project
Mini-Workshop – Part I *Karen Moe,
Serhiy Skakun*

GA.4.Disasters Project Overview *Karen Moe*
Enterprise Architecture *John Evans*
Disasters SBA *Andrew Eddy*
Discussion on GA.4.Disasters Expected Outcomes

14:45 Break

15:00 GEOSS Architecture for Disasters and Risk Assessments Project
Mini-Workshop – Part II *Karen Moe,
Serhiy Skakun*

Draft GEOSS Enterprise Architecture Outline *John Evans*

Discussion on WGISS contributions to GEOSS Architecture
Next Steps *Karen Moe*

Technology Subgroup

16:00 Grid Interest Group *Serhiy Skakun*

Paper from WGISS within the "Special issue of Interoperability architectures and arrangements for multi-disciplinary Earth Observation systems and applications" in IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing (J-STARS).

Grid Activities in Ukraine - Status Report.

Report on SICH-2 Ukrainian remote sensing satellite launch and commissioning phase.

17:00 Adjourn

Wednesday, September 28, 2011

09:00 *Convene*

WGISS Plenary

09:00 CEOS-GEO Portal Study

09:45 Preparation of WGISS Presentation to CEOS Plenary

Pakorn Apaphant

Brian Killough

*Exec, WADC, and IDN,
Kerry Sawyer*

10:45 *Break*

11:00 5-Year Plan Working Session

Pakorn, All

12:00 *Lunch*

Host Session

13:00 The role of satellite images in the development of the Hungarian cartography and GIS

Prof. László Zentai,
*Dept of Cartography
and Geoinformatics
ELTE*

13:20 Satellite Remote Sensing Applications in Meteorology and Related Developments in Hungary

Mária Putsay,
*Hungarian
Meteorological Service*

13:40 Monitoring of Western Corn Rootworm Damage in Maize Fields by Using Integrated Radar (ALOS, PALSAR) and Optical (IRS LISS, AWIFS) Satellite Data

György Surek, FÖMI
Gizella Nádor, FÖMI
Diána Fényes, FÖMI
László Vasas, BMKNTI

14:00 From Data to Decision-Making – Experiences in Integrated EO ESA PECS: EO and Technology Dissemination in Hungary

Györf Fülöp,
Péter Hargitai,
*Ildikó Szigeti
GeoAdat Ltd*

14:20 The basis of synthetic aperture radar interferometry in Hungary

Gábor Orosz
Péter Braunmüller,
FÖMI and BUTE

14:40 The effect of spectral filtering on gravity field determination using GOCE gravity gradient data

*Zsuzsanna Polgár
Péter Asbóth
Lóránt Földváry
László Sujbert
BUTE*

15:00 The online TÉKA database as an integrated approach for valuable landscape elements inventorisation

László Kollányi
*Prof. Attila Csemez
BCE*

15:20 *Break*

Cloud Computing Session

15:40 Cloud for Disaster Management

Dan Mandl

State of Cloud Computing at USGS

John Faundeen

Initial Observations of Cloud Computing in NASA Data Systems

Frank Lindsay

Cloud Computing and Scientific Workflows

Terence van Zyl

GeoCloud – NASA

Lorant Czarán

17:00 *Adjourn*

Thursday, September 29, 2011

09:00 *Convene*

Technology Subgroup

09:00	Logistics	<i>Frank Lindsay</i>
	Subgroup Introduction	<i>Gabor Remetey</i>
		<i>Frank Lindsay</i>
09:15	Sensor Web Interest Group	<i>Karen Moe</i>
	Scientific workflows and the Sensor Web	<i>Terence van Zyl</i>
	2012 GEOSS Sensor Web Symposium	<i>Karen Moe</i>

10:00 *Break*

10:30	Data Stewardship Interest Group	<i>John Faundeen</i>
	Introduction	
	Long-Term Archive Strategies White Paper	
	Browse Data Formats White Paper	
	Data Preservation White Paper	
	Data Life Cycle Models White Paper	
	2012 Offline Archive Media Trade Study	
	WGISS Data Logger Network Report	
	Research on Remote Sensing Data Distribution System	<i>Dai Qin</i>

12:00 *Lunch*

13:00	Web Services Interest Group	<i>Andrew Mitchell</i>
	Introduction	<i>Andrew Mitchell</i>
	Invocation of web services in NASA Reverb	<i>Andrew Mitchell</i>
	NASA ECHO - REST and Opensearch APIs	<i>Michael Burnett</i>
	USGS - WCS Access Service	<i>John Faundeen</i>
14:00	WGISS Architecture and Data Contributions Project	<i>Yonsook Enloe</i>
	WADC Overview –	<i>Martin Yapur</i>
	CWIC & the GCI –	<i>Michael Burnett</i>
	CCRS Overview & Data Systems –	<i>Costas Theophilos</i>

15:00 *Break*

15:15	WGISS Architecture and Data Contributions Project	<i>Yonsook Enloe</i>
	CWIC Developments & Demo of NASA Portal Prototype demo	<i>Yonsook Enloe</i>
	Discussion	<i>All</i>
16:15	TBD	

17:00 Adjourn

Friday, September 30, 2011

08:30 Convene

WGISS Plenary

Pakorn Apaphant

08:30 Applications Subgroup Report

Martin Yapur

10:00 Break

10:30 Technology Subgroup Report

*Terence van Zyl,
Frank Lindsay*

12:00 Lunch

13:00 Discussion of WGISS Way Forward on GEO Workplan

Satoko Miura, All

13:30 Action Items Status

Michelle Piepgrass

15:00 Plenary Direction to Subgroups, Concluding Remarks

Pakorn Apaphant