

**CEOS STRATEGIC IMPLEMENTATION TEAM (SIT)  
TECHNICAL WORKSHOP  
SEPTEMBER 11-12, 2012**

USGS HEADQUARTERS

JOHN W. POWELL FEDERAL BUILDING  
12201 SUNRISE VALLEY DRIVE  
RESTON, VIRGINIA 20192, U.S.A.

**OBJECTIVES**

The SIT Technical Workshop is intended to review CEOS progress against its 2012 Work Plan, to support successful CEOS 2012 Plenary outcomes and consolidate CEOS contributions and reporting to major 2012 events and their key stakeholders.

For each topic, via a Workshop Presentation Template, participants are requested to:

- Review/discuss the status of relevant CEOS 2012 activities, including modifications based upon SIT-27 outcomes;
- Present the potential CEOS outcomes that can be demonstrated and/or reported at the GEO Plenary, UNFCCC SBSTA COP-18, and other key stakeholders and their meetings (e.g., the G20, Convention on Biodiversity, UN International Strategy for Disaster Reduction); and,
- Provide CEOS Agencies with the necessary information to take appropriate decisions at the CEOS Plenary.

The SIT Chair also asks that all participants also plan to attend a related Workshop on Monday, September 10, the purpose of which is to advance the implementation of recommendations from the CEOS Self Study.

**PARTICIPANTS**

Workshop participants are expected to be CEOS Agency representatives with direct responsibility for implementation of CEOS-wide initiatives and CEOS Working Group and Agency actions. Additional participation from CEOS Principals and Contacts is also welcome throughout the Workshop.

## AGENDA

### Monday, September 10, 2012

SIDE MEETINGS		
8:00-9:00	<i>Coffee, Workshop Registration</i>	<i>Dallas L. Peck Auditorium, 1<sup>st</sup> Floor (near Visitors Entrance)</i>
9:00-10:30	CEOS Troika Meeting	Location: 2A-405
9:00-12:00	Space Data Coordination Group (SDCG) Co-Chairs Meeting	Location: 2A-436
CEOS SELF STUDY IMPLEMENTATION WORKSHOP		
1:00-4:00	Initially all convene in the Auditorium on the 1 <sup>st</sup> Floor Breakout sessions will follow	<b>Group 1:</b> <i>Remains in the Dallas L. Peck Auditorium, 1<sup>st</sup> Floor</i> <b>Group 2:</b> <i>Visitors Center Conf Room</i> <b>Group 3:</b> 1B-215

### Tuesday, September 11, 2012

Introductions / Actions Review		
8:00-9:00	<i>Coffee, Workshop Registration</i>	<i>Dallas L. Peck Auditorium, 1<sup>st</sup> Floor</i>
9:00-9:20	<ul style="list-style-type: none"> <li>Welcome</li> <li>Workshop objectives</li> <li>Logistics</li> <li><i>Tour de Table</i> (introduction of participants)</li> </ul>	Mike Freilich, SIT Chair Tim Stryker, CEOS Executive Officer Suzette Kimball, USGS Deputy Director
Expected CEOS 2012 Outcomes		
Improved Coordination of Space Agency Activities Related to Climate		
9:20-10:20	PRESENTATION AND DISCUSSION – 20 MINS Completion of CEOS response to the 2010 GCOS IP and its Satellite Supplement Improvement in quantity/quality of coordinated outputs for monitoring of Essential Climate Variables (ECVs)	Mark Dowell on behalf of Climate SBA Coordinator

	<p style="text-align: center;"><b>PRESENTATION AND DISCUSSION – 40 MINS</b></p> <p>Development of FCDRs and related data sets, and delivery of first ECV data set survey</p> <p>Further alignment of the Virtual Constellations objectives in support of the space-based climate information strategy and as contributions to facilitating observation of ECVs</p> <p>Continued cooperation with GEO, GCOS, WMO, and CGMS in development of a space-based system to support climate information and adaptation: Status of the Architecture for Climate Monitoring from Space</p>	Mark Dowell, WG Climate Chair
<b>Progress Towards Established CEOS-GEO Priorities</b>		
10:20-10:50	<p style="text-align: center;"><b>PRESENTATION AND DISCUSSION – 30 MINS</b></p> <p><b>VC &amp; WG Contributions and Issues</b></p> <p>Furthering CEOS Virtual Constellations (VCs) and Working Group (WC) Contributions to the GEO Work Plan. Action status review.</p>	Stephen Ward, SIT Chair Team
10:50-11:05	<b>Coffee Break</b>	
11:05-12:30	<p style="text-align: center;"><b>STATUS REPORTS – 10 MINS EACH</b></p> <p>2012 VC &amp; WG Accomplishments and Impediments:</p> <ul style="list-style-type: none"> <li>- Atmospheric Composition VC</li> <li>- Land Surface Imaging VC</li> <li>- Ocean Color Radiometry VC</li> <li>- Ocean Surface Topography VC</li> <li>- Ocean Surface Vector Wind VC</li> <li>- Precipitation VC</li> <li>- Sea Surface Temperature VC</li> </ul>	ACC: Richard Eckman LSI: John Faundeen OCR: Paula Bontempi OST: Laury Miller OSVW: Paul Chang PC: Steven Neeck SST: Ken Casey
12:30-13:30	<b>Lunch Break (no host)</b>	<b>USGS Cafeteria, B Level</b>
13:30-14:15	<p style="text-align: center;"><b>STATUS REPORTS – 15 MINS EACH</b></p> <p>CEOS WGISS (inc support to GCI and DataCORE)</p> <p>CEOS WGCV (incl. QA4EO)</p> <p>CEOS WGCapD</p>	WGISS: Satoko Miura and Brian Killough WGCV: Greg Stensaas WGCapD: Jacob Sutherlun
14:15-15:15	<p style="text-align: center;"><b>DISCUSSION – 60 MINS</b></p> <p>Next Steps in VC/WG Development and Coordination</p>	Mike Freilich SIT Chair
15:15-15:35	<p style="text-align: center;"><b>STATUS UPDATE AND DISCUSSION – 20 MINS</b></p> <p>Progress in the Development of the CEOS Strategy for Carbon Observations from Space</p>	Diane Wickland, CEOS Carbon Task Force Co-Chair
15:35-15:50	<b>Coffee Break</b>	

15:50-16:30	PRESENTATION AND DISCUSSION – 20 MINS GEO: Key 2012 Developments and Priorities	Espen Volden, GEO Secretariat
	PRESENTATION AND DISCUSSION – 20 MINS CEOS Progress in the Development and Coordination of Space-based Observing Systems	Brian Killough and Lawrence Friedl
16:30-17:05	PRESENTATION AND DISCUSSION – 20 MINS CEOS leadership within GEO Forest Carbon Tracking (FCT) and Global Forest Observations Initiative (GFOI) - the challenge of applying the archive	Stephen Ward
	STATUS UPDATE AND DISCUSSION – 15 MINS 2012 Activities and Accomplishments of the CEOS Space Data Coordination Group (SDCG)	John Faundeen, Frank Martin Seifert, Ake Rosenqvist, SDCG Co-Chairs
17:05-17:20	STATUS UPDATE AND DISCUSSION – 15 MINS Continued CEOS Support to the Joint Experiments on Crop Assessment and Monitoring (JECAM)	Prasad Thenkabail, Agriculture SBA Coordinator
17:20-17:45	PRESENTATION AND DISCUSSION – 25 MINS CEOS Support to Disaster Mitigation and Disaster Management: <ul style="list-style-type: none"> <li>Disaster action plan status</li> <li>Proposal to modify GEO disaster task</li> <li>Gap analysis results</li> <li>Geohazards supersites proposal to CEOS</li> </ul>	Guy Séguin, Disasters SBA Coordinator
17:45-18:00	PRESENTATION AND DISCUSSION – 15 MINS Anticipated recommendations of CEOS <i>Ad Hoc</i> Group on Disaster Risk Management	Ivan Petiteville
19:00	<b>Dinner (no host)</b>	M & S Grill Reston Town Center 11901 Democracy Drive Reston, Virginia 20190 Tel: 703.787.7766

**Wednesday, September 12, 2012**

<b>Expected CEOS 2012 Outcomes</b>		
8:00-9:00	<b>Coffee, Workshop Registration</b>	<b>Dallas L. Peck Auditorium, 1<sup>st</sup> Floor (near Visitors Entrance)</b>
<b>Considering CEOS Support to Further Key GEO Priority Initiatives</b>		
9:00-10:00	<b>PRESENTATION AND DISCUSSION – 25 MINS</b> Status of the CEOS Ad Hoc Team Activities on the GEO Global Agricultural Monitoring (GEOGLAM) Initiative	Brad Doorn and Yves Crévier
	<b>PRESENTATION AND DISCUSSION – 15 MINS</b> The GEO Water Strategy Report - The CEOS Contribution	Osamu Ochiai
	<b>PRESENTATION AND DISCUSSION – 20 MINS</b> Planning for a CEOS Workshop in Support of GEO BON (GEO Biodiversity Observation Network) on Assessing Remote Sensing Tools for Biodiversity Research and Conservation	Woody Turner
<b>Continued and Enhanced CEOS Outreach to Key Stakeholders</b>		
10:00-10:30	<b>PRESENTATION AND DISCUSSION – 15 MINS</b> Rio+20 Outreach and Lessons Learned for CEOS Involvement at Future Major Intergovernmental Meetings	Takao Akutsu
	<b>PRESENTATION AND DISCUSSION – 15 MINS</b> CEOS Communications and 2012 GEO Plenary Outreach	Brian Killough
10:30-10:45	<b>Coffee Break</b>	
10:45-11:30	<b>PRESENTATION AND DISCUSSION – 20 MINS</b> GEO Post-2015 Working Group	Brent Smith and Tim Stryker
	<b>PRESENTATION AND DISCUSSION – 20 MINS</b> UNFCCC COP-18	Mark Dowell
11:30-11:55	<b>PRESENTATION AND DISCUSSION – 25 MINS</b> Summary of Status of Remaining CEOS Actions in Support of GEO Priorities (from Actions Tracker)	Kerry Sawyer
11:55-12:15	<b>PRESENTATION AND DISCUSSION – 20 MINS</b> Overview of Planned 2013 Revision to the 2012-2015 GEO Work Plan	Tim Stryker

12:15-13:30	<b>Lunch Break (no host)</b>	<b>USGS Cafeteria, B Level</b>
13:30-13:55	<p style="text-align: right;">PRESENTATION AND DISCUSSION – 25 MINS</p> CEOS Plenary Preparation <ul style="list-style-type: none"> <li>• Overview of Key Agenda Topics</li> <li>• Highlights of Key Decisions Sought</li> <li>• Other Details</li> </ul>	Vivek Singh
13:55-14:25	<p style="text-align: right;">PRESENTATION AND DISCUSSION – 30 MINS</p> Progress Report on CEOS Self Study Implementation	Mike Freilich and Pat Jacobberger-Jellison
14:25-14:45	<p style="text-align: right;">PRESENTATION AND DISCUSSION – 20 MINS</p> CEOS SIT Vice Chair Report - Proposal for a CEOS Portal Template	Steven Hosford
14:45-15:00	<b>Coffee Break</b>	
15:00-15:30	<p style="text-align: right;">PRESENTATION – 30 MINS</p> Incoming CEOS Chair Report	Luc Brûlé
15:30-16:00	<p style="text-align: right;">PRESENTATION – 30 MINS</p> CEOS Chair Perspectives	Vivek Singh
16:00-16:20	<p style="text-align: right;">DISCUSSION – 20 MINS</p> Workshop Wrap-up and Summary	Tim Stryker and Kerry Sawyer
16:20-16:30	Closing Remarks	Mike Freilich