# 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**

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| SIDE MEETINGS | | |
| 8:00-9:00 | ***Coffee, Workshop Registration*** | ***Dallas L. Peck Auditorium,***  ***1st Floor***  ***(near Visitors Entrance)*** |
| 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 1st Floor  Breakout sessions will follow | ***Group 1:***  ***Remains in the Dallas L. Peck Auditorium, 1st Floor***  ***Group 2:***  ***Visitors Center Conf Room***  ***Group 3: 1B-215*** |

## Tuesday, September 11, 2012

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| Introductions / Actions Review | | |
| 8:00-9:00 | ***Coffee, Workshop Registration*** | ***Dallas L. Peck Auditorium,***  ***1st Floor*** |
| 9:00-9:20 | * Welcome * Workshop objectives * Logistics * *Tour de Table* (introduction of participants) | 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 |
| Presentation and Discussion – 40 mins  Development of FCDRs and related data sets, and delivery of first ECV data set survey  Further alignment of the Virtual Constellations objectives in support of the space-based climate information strategy and as contributions to facilitating observation of ECVs  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 | Mark Dowell,  WG Climate Chair |
| **Progress Towards Established CEOS-GEO Priorities** | | |
| 10:20-10:50 | Presentation and Discussion – 30 mins  **VC & WG Contributions and Issues**  Furthering CEOS Virtual Constellations (VCs) and Working Group (WC) Contributions to the GEO Work Plan. Action status review. | Stephen Ward,  SIT Chair Team |
| 10:50-11:05 | ***Coffee Break*** |  |
| 11:05-12:30 | Status Reports – 10 mins each  2012 VC & WG Accomplishments and Impediments:   * Atmospheric Composition VC * Land Surface Imaging VC * Ocean Color Radiometry VC * Ocean Surface Topography VC * Ocean Surface Vector Wind VC * Precipitation VC * Sea Surface Temperature VC | 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 | ***Lunch Break (no host)*** | ***USGS Cafeteria, B Level*** |
| 13:30-14:15 | Status Reports – 15 mins each  CEOS WGISS (inc support to GCI and DataCORE)  CEOS WGCV (incl. QA4EO)  CEOS WGCapD | WGISS: Satoko Miura and  Brian Killough  WGCV: Greg Stensaas  WGCapD: Jacob Sutherlun |
| 14:15-15:15 | Discussion – 60 mins  Next Steps in VC/WG Development and Coordination | Mike Freilich  SIT Chair |
| 15:15-15:35 | Status Update and Discussion – 20 mins  Progress in the Development of the CEOS Strategy for Carbon Observations from Space | Diane Wickland,  CEOS Carbon Task Force Co-Chair |
| 15:35-15:50 | ***Coffee Break*** |  |
| 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:   * Disaster action plan status * Proposal to modify GEO disaster task * Gap analysis results * Geohazards supersites proposal to CEOS | Guy Séguin,  Disasters SBA  Coordinator |
| 17:45-18:00 | Presentation and Discussion – 15 mins  Anticipated recommendations of CEOS *Ad Hoc* Group on Disaster Risk Management | Ivan Petiteville |
| 19:00 | ***Dinner (no host)*** | M & S Grill  Reston Town Center  11901 Democracy Drive  Reston, Virginia 20190  Tel: 703.787.7766 |

**Wednesday, September 12, 2012**

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| Expected CEOS 2012 Outcomes | | |
| 8:00-9:00 | ***Coffee, Workshop Registration*** | ***Dallas L. Peck Auditorium,***  ***1st Floor***  ***(near Visitors Entrance)*** |
| 9:00-9:15 | **ACTION:** SIT Chair to seek consensus to refer for CEOS Plenary for discussion and approval:  1) GEO Supersites Selection Process  2) Support to the Hawaii Supersite |  |
| **Considering CEOS Support to Further Key GEO Priority Initiatives** | | |
| 9:15-10:15 | Presentation and Discussion – 25 mins  Status of the CEOS Ad Hoc Team Activities on the GEO Global Agricultural Monitoring (GEOGLAM) Initiative | Brad Doorn and  Yves Crévier |
| Presentation and Discussion – 15 mins  The GEO Water Strategy Report - The CEOS Contribution | Osamu Ochiai |
| Presentation and Discussion – 20 mins  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 |
| **Continued and Enhanced CEOS Outreach to Key Stakeholders** | | |
| 10:15-10:45 | Presentation and Discussion – 15 mins  Rio+20 Outreach and Lessons Learned for CEOS Involvement at Future Major Intergovernmental Meetings | Takao Akutsu |
| Presentation and Discussion – 15 mins  CEOS Communications and 2012 GEO Plenary Outreach | Brian Killough |
| 10:45-11:00 | ***Coffee Break*** |  |
| 11:00-11:45 | Presentation and Discussion – 20 mins  GEO Post-2015 Working Group | Brent Smith and  Tim Stryker |
| Presentation and Discussion – 20 mins  UNFCCC COP-18 | Mark Dowell |
| 11:45-12:10 | Presentation and Discussion – 25 mins  Summary of Status of Remaining CEOS Actions in Support of GEO Priorities (from Actions Tracker) | Kerry Sawyer |
| 12:10-12:30 | Presentation and Discussion – 20 mins  Overview of Planned 2013 Revision to the 2012-2015 GEO Work Plan | Tim Stryker |
| 12:30-13:30 | ***Lunch Break (no host)*** | ***USGS Cafeteria, B Level*** |
| 13:30-13:55 | Presentation – 25 mins  CEOS Chair Perspectives | Kiran Kumar |
| 13:55-14:25 | Presentation and Discussion – 30 mins  Progress Report on CEOS Self Study Implementation | Mike Freilich and  Pat Jacobberger-Jellison |
| 14:25-14:45 | Presentation and Discussion – 20 mins  CEOS SIT Vice Chair Report | Steven Hosford |
| 14:45-15:00 | ***Coffee Break*** |  |
| 15:00-15:30 | Presentation – 30 mins  Incoming CEOS Chair Report | Luc Brûlé |
| 15:30-16:00 | Presentation – 25 mins  CEOS Plenary Preparation   * Overview of Key Agenda Topics * Highlights of Key Decisions Sought * Other Details | Vivek Singh |
| 16:00-16:20 | Discussion – 20 mins  Workshop Wrap-up and Summary | Tim Stryker and  Kerry Sawyer |
| 16:20-16:30 | Closing Remarks | Mike Freilich |