

CEOS-related Activities in the GEO 2009-2011 Work Plan

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Plan

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Introduction

GEO 2009-2011 WP – Tasks Proposed by CEOS

- Call from the GEO Secretariat to propose new tasks for the new GEO 2009-2011 WP (*March 08*)
- CEOS' response (*May 2008*) :
 - Five new tasks
 - Refocus the scope of two existing GEO 2007-2009 tasks.
- CEOS ready to lead / co-lead these new tasks, in addition to the several GEO 2007-2009 WP tasks supported by CEOS in 2008 (POC, Lead, Contributor)

Detailed Tasks Proposals

5 new GEO tasks:

- *"Development of an Africa Water Observation System."* (Water, TIGER, ESA)
- *"Implementation of a GEO data quality assurance strategy"* (WGCV, ESA)
- *"End-to-end GEOSS Space Segment Architecture"* (CSA)
- *"Implementation of a Malaria Warning System"* (Health, NOAA)
- *"Forest Monitoring for Carbon Tracking"* (NSC, CSIRO, JAXA)

2 existing GEO tasks to be modified;

- *"Management of Energy Sources"* (Energy, NASA)
- *"Virtual Constellations"* (pending approval of 2 new constellations)

GEO 2009-2011 WP Schedule

- Version V1 Issued on Jul. 1
 - Comments on V1 to be provided by GEO Members & Participating Organizations before Aug. 8
- Version V2 issued on Sep. 1
 - Comments on V2 to be sent before Oct. 3
- Version V3 to be issued in Oct. for acceptance at GEO-V Plenary

GEO 2009-2011 WP v1

GEO 2009-2011 WP v1 – CEOS Review

- CEOS has proposed 7 tasks (5 new ones and 2 existing to be modified) and **6 have been retained**
 - The objectives of the “End-to-end GEOSS Space Segment Architecture” are somehow addressed through other GEO tasks
- CEOS review summary:
 - Detailed comments from the CEOS Members on various tasks
 - In v1, CEOS requested to lead / co-lead 11 GEO tasks/sub-tasks. In addition, CEOS requests to be added to the list of Co-leads for 3 GEO tasks/sub-tasks.
 - CEOS may contribute to 48 tasks / sub-tasks

GEO 2009-2011 WP v2

GEO 2009-2011 WP v2 – CEOS Preliminary assessment

- Most of the CEOS comments have been taken into account.
 - A couple of issues are being discussed with the GEO Secretariat
- Almost all requests from CEOS to Lead / Co-lead 12 specific GEO tasks / sub-tasks have been taken into account *(see list in next three slides)*

GEO Tasks Led / Co-led by CEOS (1/3)

1. **CB-09-01: Infrastructure Development and Technology Transfer for Information Access**

– **b) CBERS**

- sub-task led by Brazil and CEOS

2. **DA-09-01: Data Management**

– **b) GEOSS Quality Assurance Strategy** (former DA-06-02)

- sub-task led by CEOS and IEEE

– **c) Data, Metadata and Products Harmonisation** (former DA-06-04)

- sub-task led by USA and CEOS

4. **AR-09-02: Connecting Observation Systems for GEOSS**

– **a) Virtual Constellations** (former DA-07-03)

- sub-task led by CEOS and GTOS

GEO Tasks Led / Co-led by CEOS (2/3)

5. **AR-09-03: Advocating for Sustained Observing Systems**
 - **a) Key Climate Data from Satellite Systems** (former CL-06-02)
 - sub-task led by USA, CEOS, GCOS and WMO

6. **DA-09-03: Global Data Sets**
 - **e) Global DEM** (former DA-07-01)
 - sub-task led by Japan and CEOS

7. **DA-09-05: Global Carbon Observation and Analysis System**
 - **b) Forest Carbon Tracking**
 - sub-task led by Australia, Japan, Norway, CEOS, FAO and GTOS

8. **DI-06-09: Use of Satellites for Risk Management**
 - task led by Canada, China, CEOS and UNOOSA

GEO Tasks Led / Co-led by CEOS (3/3)

9. HE-09-03: End to End Projects for Health

- ***b) Implementation of a Malaria Early Warning System***
 - sub-task led by CEOS

10. EN-07-01: Management of Energy Sources

- task led by Germany, CEOS and IEEE

11. WA-06-07: Capacity Building for Water Resource Management

- ***b) Africa***
 - sub-task led by CEOS and USA

12. CL-06-01: Sustained Reprocessing and Reanalysis of Climate Data

- task is led by CEOS and GCOS

Preliminary Conclusions

Conclusions

- **GEO 2009-2011 WP v2 is globally satisfactory** for CEOS' point of view
 - *A couple of issues are being discussed with GEO Secretariat*
- **CEOS responsibility has increased** wrt previous 2006-2009 WP as both Lead/Co-Lead/POC and Contributor (*from 5 to 12 as Lead*)
- **CEOS must allocate the adequate resources, to produce expected results in a timely manner.**
 - **Incl. regular reporting to GEO SEC / GEO Task Teams**

THANK YOU

QUESTIONS ?