



CEOS Input for the GEO 2012-2015 Work Plan

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Background

- Dec 2010, GEO Secretariat asked all experts for new proposals for structuring and streamlining the 2012-2015 Work Plan
 - Work Plan will take GEO to the end of the GEOSS 10-Year Implementation Plan
 - “Think out of the box” and make proposals for a Work Plan primarily aimed at achieving the Strategic Targets
 - Observation systems (incl observing, modeling, information, and dissemination systems) should become fully interoperable, turning into end-to-end systems delivering tailored services to society

CEOS Proposal for the Work Plan Submitted 24 Feb

Three Objectives

2012-2015 Work Plan should address **three key objectives**:

1. The implementation of an operational and sustainable GEOSS offering full and open access and including interoperable observing, modeling and dissemination systems
2. The reinforcement of coordination, user engagement, and resource mobilization
3. The development of information products and end-to-end services tailored to serve society's needs across the nine Societal Benefit Areas (SBAs)

CONVERGENCE

CROSS-CUTTING

One Overall GEOSS

2009-2011 vs 2012-2015

- Derives directly from the GEOSS Strategic Targets
- Groups Task into three thematic parts:
 - Infrastructure (IN)
 - Institutions and Development (ID)
 - Information Services (DS)
- Features reduced number of Tasks
- Proposes improved Task management structure

Proposed CEOS Recommendations (May 2011)

- Definitions under each Task should be more well-developed
- Involve CEOS experts in further definition and prioritization of Work Plan Deliverables
- Reduce existing overlaps in management/coordination authorities for various Task, particularly those in Information Services
- **Rename the proposed “management” boards as “implementation,” “coordination,” or “advisory” boards (to be discussed next)**
- Rename the proposed Information Services category of Tasks “Societal Benefits”
- Appoint CEOS as Lead for IN-02 – *Earth Observing Systems* – and rewrite to refer to necessary climate architecture elements
- Delete Task IN-05 – *Gap Analysis*; gap analyses should be implemented for all Infrastructure Tasks

Proposed CEOS Recommendations (May 2011) con't

- Delete ID-01 – *Data Sharing* – should be implemented in all Tasks based on the GEOSS Data Sharing Principles
- Delete ID-05 – *Ensuring GEOSS Sustainability* – common objective of all GEO work
- GEO should recognize existing governance structures for climate
- Endorse the addition of DS-04 – *Ocean Monitoring, Forecasting, and Resources Management*; encourage the engagement of the OST, OSVW, OCR, and SST Constellations
- **Any Other Recommendations? Need to provide them to CEO/DCEO as soon as possible**

Timeline

17 Feb 2011:	Proposals for the 2012-2015 GEO Work Plan
Feb-Mar 2011:	GEO prepares 2012-2025 WP V.0
9 Mar 2011:	WP V.0 sent to GEO Community for technical review
4-6 May 2011:	GEO Work Plan Symposium in Geneva
26 May 2011:	Comments due on GEO WP V.0
Jun 2011:	GEO WP V.1 prepared and submitted to GEO Principals
Sep 2011:	GEO WP V.2 prepared, incl comments from GEO Principals
Nov 2011:	GEO WP V.2 submitted to GEO-VIII for “acceptance as a living document”

Discussion on CEOS Emerging Priorities and Support to GEO

And Now Tim will Discuss...

CEOS Executive Involvement in GEO Task Leadership

BACK-UP

- Consideration given to focusing on fewer but more critical Tasks
 - Tasks should identify explicit milestones and deliverables
- Consult contributing agencies for Task schedules
- Need support from GEO to facilitate acquisition of funding sources for reviewed and approved projects
- Recommend QA4EO effort expand beyond the space domain and across all SBAs, as appropriate
- Recommend more comprehensive and supportive Communities of Practice to advise Virtual Constellation observational requirements and priorities
- Identify a number of critical activities to foster active participation of GEO Members and Participating Organizations
 - *e.g.*, GEOSS registered resources, GEOSS DataCORE, sustained GEOSS operations, Capacity Building, gap analysis, and open data policies
- Tasks should include end-to-end projects/activities that address several SBAs, properly integrated in GEOSS

Strategic Targets

- **Architecture:** Achieve sustained operation, continuity and interoperability of existing and new systems that provide essential environmental observations and information, including the GCI that facilitates access to, and use of, these observations and information.
- **Climate:** Achieve effective and sustained operation of the global climate observing system and reliable delivery of climate information of a quality needed for predicting, mitigating and adapting to climate variability and change, including for better understanding of the global carbon cycle.
- **Weather:** Close critical gaps in meteorological and related ocean observations, and enhance observational and information capabilities for the protection of life and property, especially with regard to high-impact events, and in the developing world.