

**CEOS GFOI Space Data
Coordination Group
*Terms of Reference***

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Space Data Coordination Group
Montreal, Canada
6-8 March 2012

Presentation Overview

- Background and Purpose
- Scope
- Membership and Representation
- Management
- Linkages
- Schedule, Deliverables and Meetings
- ***Endorsement of the Terms of Reference***
- SDCG Management Plan



Background and Purpose

- The CEOS GFOI Space Data Coordination Group (SDCG) was **established by the 25th CEOS Plenary (November 2011)**.
- The SDCG serves to **implement *The CEOS Strategy for Space Data Coverage and Continuity in Support of the GEO Global Forest Observations Initiative (GFOI) and Forest Carbon Tracking (FCT) Task.***



Scope

- Defined by the **CEOS Data Strategy**.
- Support **coordinated acquisition of all relevant Earth observing missions** supporting GFOI and FCT.
 - Emphasis on CEOS agency missions, but also to communicate needs to commercial operators.
- Initially limit **coordination to acquisition planning**.
 - Data processing and distribution through GFOI implementation with potential future roles for the SDCG.



Scope

- **Not intended to be an open-ended arrangement** for support of GFOI operations.
 - It is anticipated that as the institutional arrangements and capacity for GFOI and its Project Office develop SDCG functions will transition.
- Established with a view to being able to **broaden its scope in future.**



Membership and Representation

- **Participation is open** to all CEOS space agencies willing to support and contribute to the CEOS Data Strategy.
- Representatives should be **linked to satellite data acquisition planning and scheduling authority** for their relevant agency missions.
- Meeting attendance is limited to CEOS agency representatives.



Management

- Co-Chairs should be reviewed after two years with a view to sharing the workload.
- Chairs responsible for day-to-day communications and documentation of SDCG activities.
 - Up to date work plan and schedule.
 - Progress reporting at key CEOS meetings.
- **ESA, NSC and USGS have agreed to serve as the initial Co-chairs of the SDCG.**
- Co-chairs are supported by a group secretariat provided by DCCEE/Australia



Linkages

- **Guidance from and report back to CEOS** on progress achieved against the work plan.
- Work closely with **CEOS LSI Constellation**.
 - Leads are INPE, ISRO, USGS
- Key stakeholders such as **GEO, user countries, forest and carbon communities** and authorities.
- Engage and communicate future needs to **commercial operators as required**.



Schedule, Deliverables and Meetings

- **Schedule:** maintain a Work Plan capturing the timetable for CEOS Data Strategy implementation.
- **Deliverables and reporting:** regular reports should be delivered to the CEOS Plenary and SIT, and the GFOI Steering Committee.
- **Meetings:** SDCG will primarily utilise telecons and video conferencing sessions, with periodic face-to-face meetings at agency locations.

Questions, Comments, Discussion

Call for the SDCG-1 meeting participants to endorse the SDCG Terms of Reference.



**CEOS GFOI Space Data Coordination
Group
2012-2013 Management Plan**

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Presentation Overview

- Purpose
- SDCG Objectives
- Deliverables
- Milestones
- Key Meetings
- Tasks and Resources



Purpose

- Outline objectives, deliverables, milestones, and tasks and resources.
- Covers the near term (2012) in more detail, outlines plans for 2013.
- Plan will be updated periodically as the SDCG and its work evolve.
- Proposed revision following SDCG-1 to capture discussion and actions agreed.



SDCG Objectives (1/2)

- Successful start-up of the SDCG.
- Securing resources to advance activities.
- Development of SDCG Terms of Reference.
- Development of draft statement of GFOI information requirements.
- **Development of the first revision of the baseline Global Observation Strategy for the Core Data Streams (CEOS Data Strategy - Level 1) for CEOS Plenary October 2012**



SDCG Objectives (2/2)

- Develop mitigation strategies for anticipated observation gaps.
- Initialising observation strategy planning for national acquisitions (CEOS Data Strategy - Level 2).
- Continue R&D data acquisitions over FCT National Demonstrator Validation Sites (CEOS Data Strategy - Level 3).
- Integration of other mission contributions.



SDCG-1 Deliverables

- SDCG Terms of Reference
- SDCG Management Plan (2012-2013)
- Draft Statement of Requirements for GFOI Information Products
- **Draft Table of Contents for the (Level-1) Global Observation Strategy**



Further 2012 Deliverables

- **First release of the Global Observation Strategy (Level-1) [CEOS Plenary October]**
- First draft of the national acquisitions Data Strategy (Level-2).
- Continued coordination of FCT acquisitions (Level-3).
- Draft commercial operators interface plan
- Others?



2012 Milestones and Key Meetings

March

6-8: SDCG-1, Montreal

26-30: SIT-27, LSI and CTF Meetings
La Jolla

September

10-12: CEOS SIT Workshop, USGS HQ

13-14: SDCG-2, USGS HQ

October

24-26: 26th CEOS Plenary, Bangalore

November

CBERS-3 launch



2013 Milestones and Key Meetings

January

LDCM launch

February

SDS-4, SDCG-3 (TBC)

March

SIT-28

May

Sentinel-1A launch

September

CEOS SIT Workshop, SDCG-4 (TBC)

October

27th CEOS Plenary, Canada

November

Sentinel-2A launch

** All dates remain TBC.*



Resources

- **Co-Chairs:** USGS, ESA, and NSC.
- **Secretariat:** DCCEE/Australia.
- **Other key contributors:** CSA, JAXA, INPE and other SDCG members.



Tasks

- To be discussed during the rest of our sessions here.
- Will be revisited during Thursday morning's session



Questions, Comments, Discussion



Tree cover
■ Evergreen
■ Deciduous