

Summary of CEOS/GEO Actions

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Highlighting of CEOS Support to GEO at GEO-V Plenary

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Background

- **At GEO Plenary, GEO Members & Participating Organisations have limited time for their oral reports**
 - CEOS will report on some activities
- **Proposal made by SIT Chair to report on a subset representative of the CEOS efforts and achievements**
 - Each WG Chair, Virtual Constellation Lead and CEOS SBA Team Coordinator requested to propose a single CEOS Action, explaining the rationale for their choice.

Selected CEOS Actions

- 14 CEOS actions proposed (*13 Cat. 1 + 1 Cat. 3*). Final list established on June 30 and distributed to CEOS SEC.
- The 14 selected CEOS actions are progressing unevenly (see next slides)

SIT-22

Proposed by	Status	Delay (month)	CEOS-GEO Action Number	Action Description	OUTPUT
AGRICULTURE	PROGRESS	2.5	AG-06-04_4	Compile mid-resolution LSI data sets over selected (TBD) area.	DATA SETS
OST	PROGRESS	0	CL-06-02_9	Secure funding for and proceed to implement JASON-3 for launch in late 2012/early 2013; to have at least a 6-month overlap with JASON-2 (EUMETSAT & NOAA to confirm support via Letters of Intent, with program approval and signed agreements).	AGREEMENTS, BUDGET
WEATHER	PROGRESS	0	CL-06-02_10	Operational implementation of geostationary to LEO <u>intercalibration</u> for all operational geostationary IR <u>imagers</u> .	DATA SETS (ALREADY AVAILABLE)
CLIMATE	PROGRESS	0	CL-06-05_1	Generate polar products in realtime at direct broadcast sites in Arctic and Antarctic in support of IPY.	DATA SETS (ALREADY AVAILABLE)
DISASTER	PROGRESS	0	DI-06-09_1	Develop requirements for a virtual constellation for risk management from UN-SPIDER users requirements inputs and others disaster related tasks and propose an gradual implementation plan based on existing and planned satellites.	DOCUMENTS (REQUIREMENTS + SYSTEM ARCHITECTURE)
ECOSYSTEM	PROGRESS	0	EC-06-01_1	Installation of additional flux towers in areas covered by SAEON nodes thus expanding the <u>CarboAfrica</u> flux station network.	9 FLUX TOWERS INSTALLED
ENERGY	PROGRESS	0	EH-06-04_1	Work with the Atmospheric Composition (AC) Constellation team to investigate how future space-based atmospheric parameter measurements can support the needs of the Energy SBA.	DOCUMENTS (REPORT)
<u>WGEdu</u>	PROGRESS	0	CB-07-02	Knowledge Sharing for Improved Disaster Management and Emergency Response	WORKSHOP WEB PORTAL
WGCV	CLOSED	0	DA-06-02_3	Hold the 2nd GEO-CEOS Workshop on calibration to continue developing the framework and guidelines for data quality assurance.	DOCUMENTS (STANDARD GUIDELINES + PRESENTATIONS) WORKSHOP
PC	CLOSED	0	DA-07-03_2	Coordinate international ground validation (GV) activities and establish the scope of joint GV projects during the year. An international GV meeting will be held in Brazil during March 2008. Action ensures coordinated activities to support GPM pre-launch algorithm development at the national and international levels. Action is also part of the effort for determining error characteristics of satellite precipitation products.	DOCUMENTS (REPORT + PRESENTATIONS) WORKSHOP
WGISS	PROGRESS	0	DA-07-03_5	In support of the Land Surface Imaging (LSI) Constellation, provide a demonstration of prototype of an LSI Constellation Portal	WEB PORTAL
LSI	DELAYED	15	DA-07-03_11	Complete the definition of standards (guidelines) for future mid resolution LSI satellite systems to produce information products that benefits several SBA areas. Complete arrangements among operators of mid resolution LSI satellite systems to cooperate in improving user access to data, including sample data sets. Enhance timely acquisition of global datasets, including routine acquisition over defined calibration, environmentally sensitive, and other agreed upon sites. Implement common data processing parameters, data formats, and map projections.	DOCUMENTS AGREEMENTS OPERATIONAL PROCEDURES
ACC	DELAYED	5	DA-07-03_14	Complete an Atmospheric Composition Constellation (ACC) requirements and gap analysis.	DOCUMENTS (REQUIREMENTS + REPORT)
WATER	PROGRESS	2	WA-06-07_2	Preparation of the TIGER activities for 2008-2010 in collaboration with CEOS and African partners	DOCUMENTS (IMPLEMENTATION PLAN) KICK-OFF OF ACTIVITY

Recommendations (1/2)

- Fact: The majority of CEOS GEO Category 1 Actions are on schedule (milestones met and deliverables ready).
- Recommendation # 1: Without hiding the fact that some actions are delayed, it is suggested to report only on a handful of successful CEOS actions which outcomes can be verified (concrete results and deliverables !!)

Recommendations (2/2)

- Recommendation # 2: Actions to be left out of the CEOS oral report:
 - Actions too much delayed with little chance to produce concrete and tangible results before GEO Plenary
 - Long-term actions with few important milestones in 2008
- Note: Other criteria could be applied e.g.:
 - One action per type of output

THANK YOU

QUESTIONS ?