

**Committee on Earth Observation Satellites (CEOS)
Systems Engineering Office (SEO)**

Action Database Status

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GEO-CEOS Task Database

Status

- Completed a demo web-based “information system tool” for documenting and tracking CEOS actions to facilitate communication among CEOS members.
- The tool provides a clear link to the GEO tasks and the GEO Work Table.
- Includes capabilities for editing content with change logs, queries and sorting, and downloading database content in EXCEL format.
- This tool will contribute to the CEOS IP version-2 update and support regular reporting to all CEOS meetings (SIT, Plenary, SEC, Constellations) and GEO Meetings.

Future Revisions

- Create a new web address and host the site on the NOAA SIT server.
- Add columns for task status (OPEN, CLOSED), GEO task sheets (link to FTP site), status report (milestones, deliverables, file uploading capability for reporting).
- Add queries, column hiding, and automatic email reminders to POC’s for quarterly status reporting.

Demonstration Site:

http://james.comfreeze.net/CEOS-GEO_Work_Table/ActionTable.html



CEOS Action DEMO

CEOS
Homepage

Link to
GEO Task
Table

View of
Category-1
Actions
ONLY

Login for Editing
Cell Content

Downloading
to EXCEL

Version

Log File
of Edits

CEOS-GEO Actions



[CEOS Home](#) [GEO Task Summary](#)

User: Not logged in. [Login to Edit](#)

Updated: 03/25/2008 07:24:20 PDT [View Log](#)

[Category 1 Actions Only](#) [Export to Excel](#)

CEOS-GEO Action Number	Primary SBA Addressed	All SBAs Addressed	Primary GEO Task	Additional related GEO Task(s)	CEOS Action Category: (1 to 4)	Action Description	Due Date	POC	POC Email Address	POC Organization	All Agency and Organization Participation	CEOS Working Group and Constellation Participation
AG-06-01_1	Agriculture	Agriculture	AG-06-01		3	Notify GEO Task Team of the willingness of CEOS to participate in formulating the Agriculture SBA strategic plan, as needed.	3/31/2008	Cristina Ananasso		ISA	ISA	
AG-06-02_1	Agriculture	Agriculture	AG-06-02	CL-06-02	3	CEOS participation in GEO Societal Applications in Fisheries & Aquaculture using Remote Sensing Imagery (SAFARI activity)	3/24/2008	TBD		TBD	NOAA, NASA, ISRO, ESA	LSI
AG-06-04_1	Agriculture	Agriculture	AG-06-04		3	Participate in Global Forest Resources Assessment 2010 (led by FAO), including contributing to methodology agreement.	4/30/2008	TBD		TBD	ESA, NOAA, NASA, USGS, WGCV	LSI
AG-06-04_2	Agriculture	Agriculture	AG-06-04	DA-07-03 AG-07-03	1	Provide the UN FAO Forest Resource Assessment 2010 (FRA2010) with the land surface image data, filling the holes in the primary Landsat data set needed to complete this assessment, or at least to establish the interagency agreements to do so. Compile mid-resolution LSI data sets over selected (TBD) area.	12/31/2009	Bryan Bailey	gbbailey@usgs.gov	USGS	TBD	LSI
AG-06-04_3	Agriculture	Agriculture	AG-06-04		1	Generate and make accessible to global scale forest mapping data sets	9/30/2008	M. Shimada	shimada.masanobu@jaxa.jp	JAXA	JAXA	
AG-06-07_1	Agriculture	Agriculture	AG-06-07		2	Preparation and delivery of training resources for GEO CBC activities. This is dependent on development of GEO portal and GEO NETcast services	3/1/2009	Gordon Bridge	Gordon.Bridge@eumetsat.int	EUMETSAT	EUMETSAT, China, ISRO	WGedu
AG-07-01_1	Agriculture	Agriculture	AG-07-01		2	Continue research on developing of biomass products using GOES-R and other sensors.	10/1/2008	Shobha Kondragunta	Shobha.Kondragunta@noaa.gov	NOAA	NOAA, ISRO, GOFC-GOLD	



GEO Work Table DEMO

Link to
CEOS
Actions

Contacts

Queries

Column
Hiding

Downloading
to EXCEL

Column
Sorting
(BLUE)

Version

Acronyms

GEO Task Summary



Last Updated: 02/19/20

[CEOS Home](#) [CEOS-GEO Actions](#) [Acronyms](#) [Contacts](#)

[Queries](#) [Hide/Show Columns](#) [Export to Excel](#) [Current](#) [Full](#)

SBA	Task ID	Task Name	Long Description	Task Leads	CEOS Priority Level recommended by GEOSEC (Low, Medium, High)	CEOS Role (L-Lead S-Supporting NA-No Role)	Satellite Contributions (General)	Satellite Contributions (Leverages Applications)
Disasters	DI-06-02	Seismographic Networks Improvement and Coordination	Facilitate improvement of capabilities for global seismographic networks such as GSN, FDSN, (including regional and global components) and GNSS networks and new ocean bottom networks such as VENUS and NEPTUNE. Facilitate sharing of data and event products among GEO members. Expand and coordinate efforts to provide access, using GEOSS interoperability methods, to real time and archived seismological data and products, and develop a portal that will link distributed seismological data centers to provide seamless access to other GEOSS components.	GSN, FDSN, USA		NA		
Disasters	DI-06-03	Integration of InSAR Technology	Support the improved integration of InSAR (Interferometric Synthetic Aperture Radar) technology for disaster warning and prediction. The Task will also address the integration of GNSS and InSAR.	IGOS-P, Greece	High	S	InSAR shows spatial patterns of deformation in remarkable detail and, in combination with ground-based monitoring. Important for volcano and earthquake monitoring. Continuous GPS monitoring provides continuity in time, whereas InSAR shows the pattern of spatial deformation for the area. Radar satellite imagery can be used to monitor surface deformation (volcanoes, earthquakes, landslides, etc.) and for surface characterization (seeing an oil leak on the sea).	USGS: InSAR Research Group Integration of InSAR and GPS to monitor earthquakes NOAA: Agency 1: Agency 2:
Disasters	DI-06-04	Tsunami Early Warning System of Systems	Support establishment and sustainment of the fully-operational global tsunami and mitigation system of systems in a multi-hazard approach, through (i) promoting full and open exchange of publicly funded, unclassified data relevant to tsunami warning, forecasting, and mitigation systems and facilitating enhancement or development of mechanisms for real-time data sharing, including seismic and sea level (deep ocean and tide gauge) data; (ii) contributions to operationalization of a comprehensive observing network (in situ sea level and seismic stations and remote monitoring) and data management system, including integration of the global ocean observation system (GOOS), international seismic networks, and related global telecommunication systems, providing early detection, verification and notification of tsunamis and related hazards; and (iii) definition and promotion of standards and protocols for operating observing systems, and managing data exchange and transmission for multiple observing	IOC, UNOSAT	High	NA		