



GEOGLAM-CEOS Global Agricultural Monitoring Co-community Meeting

ESA/ESRIN 27 - 28 February 2014

Meeting Objectives

- 1) Ensure a common understanding by CEOS and GEOGLAM on the way forward for EO Data Acquisition plans for GEOGLAM Phases 1 and 2 for presentation at CEOS SIT-29 (April 2014), and CEOS Plenary (October 2014).
- 2) CEOS to provide the community with an implementation update for GEOGLAM Phase 1 acquisitions.
- 3) GEOGLAM to provide the community with an implementation update, and a summary of current status, and issues
- 4) Confirm satellite missions capacity and constraints in support of Phase 2 requirements – current and addition of new missions for Phase 1 new requirements and current and new mission capabilities for Phase 2.
- 5) Confirm the details of continuing CEOS support to GEOGLAM Phase 1, the details of prospective CEOS support to GEOGLAM Phase 2, and the outline of the 2014 requirements and data acquisition strategy document(s).
- 6) Confirm writing assignments to progress the CEOS Ad Hoc Working Group on GEOGLAM 2014 CEOS Plenary deliverables: a 2014 update on GEOGLAM Phase 1 Acquisitions; and, a CEOS strategy for GEOGLAM Phase 2 support.
- 7) Discussion of future interaction and potential integration with on going CEOS support to JECAM, and SDCG for GFOI.
- 8) Discussion of data processing, dissemination & policy

Desired Meeting Outcomes

- Agreement on deliverables, milestones and responsibilities for Phase 1 and Phase 2.
- A mature draft of the main points of the GEOGLAM Phase 1 acquisitions implementation update.
- Harmonization of the phased implementation approaches of GEOGLAM and CEOS.
- Discussion and agreement on the activities necessary to prepare for Phase 2 (e.g. sampling approach).
- Confirmation from GEOGLAM of the up to date list of countries that acquisitions should focus on.
- A revised draft of the GEOGLAM Phased Implementation Overview, and a plan and assignments to begin the development of a corresponding CEOS acquisitions strategy.
- Discussion, revision and confirmation of the schedule from March, through the CEOS SIT Workshop (September), and to CEOS Plenary (October).



Joint Session with SDCG-5

A joint session with SDCG-5 has been proposed for the afternoon of Wednesday 26th February. Full details will be published in the SDCG-5 agenda, and the focus of the session will be on practical overlaps issues between the GFOI and GEOGLAM acquisition and data handling efforts.

Wednesday 26th February 2014 (Joint Session with SDCG-5) (James Cook Room)

Time	Item	Presenter
<i>SESSION 9: Co-session GFOI - GEOGLAM</i>		
14:00 – 17:00	<ul style="list-style-type: none">– GFOI and GEOGLAM status updates– Common core missions: e.g. ALOS-2, Landsat-8, Sentinel- 1, Sentinel-2– Possible overlaps: Sentinel-1 and ALOS-2 acquisitions, Landsat/Sentinel-2 interoperation, data distribution, handling, and processing	<i>See SDCG-5 agenda for full details</i>



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Agenda Version 1.0

Thursday 27th February 2014 - Magellan Room

Time	Item	Presenter
08:30 - 09:00	Convene	
Introduction, Objectives and GEOGLAM Status		
09:00 – 09:20	Introduction <ul style="list-style-type: none"> – Round table introductions – Meeting objectives and agenda – CEOS process for 2014 	Benjamin Koetz George Dyke
09:20 – 09:40	GEOGLAM Programmatic and Institutional Status <ul style="list-style-type: none"> – Outcomes from GEO Ministerial / Plenary – Implementation plan progress and resources – GEOGLAM objectives for 2014 – Current issues 	Michel Deshayes
Phase 1 Implementation Update – CEOS and GEOGLAM Activities		
09:40 – 10:00	Review of Outcomes from CEOS Plenary <ul style="list-style-type: none"> – Overview of CEOS Phase 1 Strategy – CEOS Plenary endorsement of Strategy – Implementation actions 	George Dyke / Brian Killough
10:00 – 10:10	Landsat-7 and Landsat-8 <ul style="list-style-type: none"> – Phase 1 acquisitions, data distribution 	Eugene Fosnight
10:10 – 10:20	RADARSAT-2 <ul style="list-style-type: none"> – Phase 1 support to Asia-RICE 	Yves Crevier
10:20 – 10:45	Discussion Topics (<i>minimum 25 minutes</i>) <ul style="list-style-type: none"> – CEOS Phase 1 Support Lessons Learned – 2013 Landsat physical data distribution 	All
10:45 – 11:00	Break	
11:00 – 11:30	GEOGLAM Phase 1 Implementation Status <ul style="list-style-type: none"> – Phase 1 country engagement – Data access and processing, product generation – Crop Monitor for AMIS update 	Alyssa Whitcraft / Inbal Becker-Reshef



11:30 – 11:45	Asia-RiCE Update <ul style="list-style-type: none"> – Phase 1 activities and status 	Shin-ichi Sobue
11:45 – 12:00	Space Data Management System (SDMS) for GFOI	Brian Killough
12:00 – 12:30	Discussion Topics (<i>minimum 30 minutes</i>) <ul style="list-style-type: none"> – Phase 1 implementation lessons learned – Phase 1 data distribution and access – Potential applicability of SDMS for GFOI to GEOGLAM – Current acquisition/implementation issues 	All
12:30 – 13:30	Lunch	
Phase 2 Scoping – Overview, Objectives, Schedule, and Activities		
13:30 – 14:00	Overall Requirements Framework <ul style="list-style-type: none"> – Initial Montreal Development – Next steps 	Pierre Defourny
14:00 – 14:15	GEOGLAM Phase 2 Overview and Objectives <ul style="list-style-type: none"> – Overview of GEOGLAM phasing and connections between phases – Overall Phase 2 objectives – Phase 2 dependencies on Phase 1 – Implementation schedule 	Michel Deshayes / Inbal Becker-Reshef
14:15 – 15:00	Developing Phase 2 Strategy and Areas of Interest <ul style="list-style-type: none"> – Strategy – Continuing Phase 1 coverage – Countries at risk – New large producers – Asia-RiCE countries – G-20 + Spain + 7 	Olivier Leo / John Latham / Shin ichi Soube
15:00 – 15:30	Discussion Topic (<i>minimum 30 minutes</i>) <ul style="list-style-type: none"> – Harmonising of the CEOS and GEOGLAM implementation schedules 	All
15:30 – 15:45	Break	
Phase 2 Scoping – Capacity and Data Streams		
15:45 – 16:00	Development of the Sampling Approach	Inbal Becker-Reshef / Alyssa Whitcraft
16:00 – 16:30	Phase 2 JECAM Activities <ul style="list-style-type: none"> – SIGMA 	Yves Crevier /



	<ul style="list-style-type: none">– 2014 JECAM Annual Meeting (July)	Ian Jarvis
16:30 – 16:50	Sentinel-2 for Agriculture <ul style="list-style-type: none">– Mission overview and status– Agriculture program	Benjamin Koetz
16:50 – 17:10	Discussion Topics (<i>minimum 20 minutes</i>) <ul style="list-style-type: none">– CEOS response to GEOGLAM and JECAM– Potential roles for SIGMA, Sentinel-2 for Ag.	All
17:10 – 17:40	Data Streams Coming Online During Phase 2 <ul style="list-style-type: none">– ALOS-2 (10 minutes)– Sentinel-1 (10 minutes)– Sentinel-2 (Covered in previous topic)– SAOCOM-1 (10 minutes)	Shin-ichi Sobue Benjamin Koetz Homero Lozza
17:40 – 18:00	Discussion Topics (<i>minimum 20 minutes</i>) <ul style="list-style-type: none">– New satellite data types for Phase 2– Opportunities and lessons to carry forward	All
18:00	Adjourn	
19:00	Scheduled GPM Launch Time (3 AM JST 28th Feb.)	
20:00	Group Dinner Booking (no host) Restaurant La Vecchia Fresca, Frascati	

**Friday 28th February 2014 - Magellan Room**

Time	Item	Presenter
08:30 - 09:00	Convene	
2014 Activities – Scoping and Resources		
09:00 – 09:15	Revisit 2014 CEOS Process <ul style="list-style-type: none">– Mandate and resources– Objectives and deliverables– Milestones	George Dyke
09:15 – 09:30	DLR Contributions to GEOGLAM	Helmut Staudenrausch
09:30 – 09:45	2014 GEOGLAM Programmatic <ul style="list-style-type: none">– Calendar of events– Milestones and deliverables– GEOGLAM IP updates	Michel Deshayes
09:45 – 10:15	Partners in developing countries <ul style="list-style-type: none">– Capacity building and monitoring	John Latham
10:15 – 10:45	Discussion Topics (minimum 30 minutes) <ul style="list-style-type: none">– 2014 GEOGLAM Implementation– Phase 1 activities– Phase 2 activities– Continuing and new resources	All
10:45 – 11:00	Break	
2014 Roles and Responsibilities, Assignments		
11:00 – 11:30	GEOGLAM Requirements <ul style="list-style-type: none">– Maintenance of Phase 1 requirements– Development of Phase 2 requirements– Next steps and milestones	Brian Killough / Alyssa Whitcraft
11:30 – 12:15	Discussion Topics (minimum 1 hour 15 minutes) <ul style="list-style-type: none">– GEOGLAM requirements development– CEOS deliverables– Phase 1 2013 Implementation update (for SIT-29 / CEOS Plenary)– 2014 Update to CEOS GEOGLAM Phase 1 strategy	All



	<ul style="list-style-type: none">– CEOS GEOGLAM Phase 2 strategy	
12:15 – 12:30	Review of Assignments <ul style="list-style-type: none">– Preparation for CEOS SIT-29	George Dyke
12:30 – 13:30	Lunch	
Beyond 2014 - Looking Ahead		
13:30 – 14:00	Overview of Future GEOGLAM Phases <ul style="list-style-type: none">– Steps towards operations	Michel Deshayes / Alyssa Whitcraft / Inbal Becker-Reshef
14:00 – 14:30	Discussion Topics (<i>minimum 30 minutes</i>) <ul style="list-style-type: none">– Interaction Between GFOI and GEOGLAM– Review of SDCG-5 session– Overlaps and complementarity– SDMS– SDCG mandate and other CEOS entities	Lead: Yves Crevier All
Wrap Up		
14:30 – 14:45	Discussion Topics (<i>minimum 15 minutes</i>) <ul style="list-style-type: none">– Potential Future Meetings of Opportunity– SIT-29 Side Meeting (week of 7th April, Toulouse)– JECAM Science Meeting (July, Quebec City)– SIT Technical Workshop (first half September, France)	All
14:45 – 15:00	Confirmation of Actions	George Dyke / Matthew Steventon
15:00 – 15:15	Any other Business and Closing Remarks	All / Michel Deshayes
15:15 – 15:30	Break	
15:30 – 16:30	Working Session <ul style="list-style-type: none">– Splinter discussions– Writing coordination and tasks– Requirements review with SEO team– Leadership coordination	All
16:30	Adjourn	