Space Data Coordination Group Meeting (SDCG-13)
15th-16th September 2018, Bogotá, Colombia
Meeting Objectives

The SDCG-13 meeting will be structured around the outcomes and tasks defined in the **group's most recent 3-Year Work Plan (2017-2019)**. SDCG-12 will be held jointly with GFOI Plenary, and presents a significant opportunity to interact with the broader community. The following is the Week at a Glance:

- **Monday 12:** GFOI component meetings (including GFOI Leads, Capacity Building, MGD, R&D, Early Warning Task Force)
- **Tuesday 13:** GFOI Plenary Day 1
- **Wednesday 14:** GFOI Plenary Day 2
- **Thursday 15:** SDCG-13 Day 1 (including GFOI Data Component meeting)
- **Friday 16:** SDCG-13 Day 2

Thursday and Friday will comprise the dedicated SDCG sessions, structured around the SDCG 2017-2019 Work Plan. It will also include a pilot meeting of the GFOI Data Component during the Thursday morning. The following are the objectives for SDCG-13:

1. Take the opportunity to **engage with the broader GFOI community**, including via a pilot **GFOI Data Component meeting**, on the topic of **Early Warning (GFOI Alert)**, and along the lines of the MGD, R&D, and Capacity Building components.
2. Conduct a pilot GFOI Data Component meeting, starting to explore the MO of the **Space Data component for GFOI Phase 2**.
3. Contribute to the progression of the GFOI **Data User Advisory Group (DUAG)**.
4. Take the opportunity to **engage with countries** present at GFOI Plenary, in particular the Colombian hosts.
5. Revisit the status of tasks and outcomes from the **SDCG 3-Year (2017-2019) Work Plan** across the four main work threads. Consider **2018-2020 Work Plan** tasks and formulation.
6. Discuss current data supply and future support to **GFOI R&D component and their new Work Plan**, and update the status of agency plans for data supply in support of the Element 3 acquisition strategy.
7. Review the implementation and status of the **Global Baseline Strategy**, and assess required updates.
8. Review and progress the **implementation of the Space Data Services**,.
9. Review links to key CEOS activities around **Future Data Architectures**, **Analysis Ready Data**, and the **Open Data Cube**.
10. Revisit progress of the various **data stream specific coordination actions** (e.g. INPE, CONAE, CNES, JAXA, etc.)
11. Review plans for CEOS joint meetings with GEOGLAM and LSI-VC week of 3rd September 2018, JRC.
12. Prepare required SDCG inputs for **SIT-33** (23-25 April, Boulder, CO, USA).

Week at a Glance

Week of Monday 12th March

Monday 12th	**Tuesday 13th**	**Wednesday 14th**	**Thursday 15th**	**Friday 16th**
GFOI Component meetings	GFOI Plenary Day 1	GFOI Plenary Day 2	SDCG-13 Day 1 (incl. pilot GFOI Data Component meeting)	SDCG-13 Day 2

GFOI
Global Forest Observations Initiative

CEOS
Committee on Earth Observation Satellites

SDCG 3-Year Work Plan Outcomes for 2017 - 2019

Baseline Global Data Acquisitions

#	Outcome	2017	2018	2019
1	**Multiple annual global coverages by 2016 of the world's forested areas**	Multiple global annual coverages of the world's forested areas from a suite of core mission sensors	Multiple global annual coverages of the world's forested areas by several core mission sensors	Multiple global annual coverages of the world's forested areas by several core mission sensors
2	**Efficient and effective global flows of data**	Implement processes and tools for efficient and effective global flows of data based on the 2016 study	Efficient and effective global flows of data for development of GFOI standard products	Efficient and effective global flows of data for development of GFOI standard products
3	**Global coverage with consistent information products**	Identify Space Agency and expert partner information product initiatives relevant to GFOI and MDG (e.g. ongoing evolution of the Landsat product roadmap towards Collections and surface reflectance, development of Sentinel-2 surface reflectance products)	Inclusion of GFOI requirements in agency data-related initiatives	Integrate flows of information products as they become available

GFOI Space Data Services

#	Outcome	2017	2018	2019
4	**Space Data Services closely integrated with new MGD and SilvaCarbon activities**	Continued definition of approach with FAO, World Bank, and SilvaCarbon on tools and service delivery and mainstreaming Establish integration of Space Data Services with the MGD Portal and MGD 2.0.	Implementation of service delivery in coordination with FAO, World Bank, and SilvaCarbon	Close integration with MGD and SilvaCarbon components, FAO and World Bank
5	**A program of space data capacity building meetings**	Further workshops at SDCG and SilvaCarbon events with country prioritisation defined by agreement with SilvaCarbon, FAO, and World Bank and endorsed by the GFOI Lead Team	Continued meetings with priority countries	Space data meetings including national space data needs assessments for all priority countries
6	**Ensured on-going coverage**	Archive characterisation support and on-going coverage support provided for countries attending 2017 meetings	Ensured on-going coverage for priority countries with semi-automated tools for archive characterisation	Ensured on-going coverage for priority countries with semi-automated tools for archive characterisation
7	**Interoperable satellite data discovery tools**	Implementation of interoperable data discovery tools including Landsat, Sentinel-1 and -2, CBERS	Interoperable satellite data discovery tools for all core data streams	Interoperable satellite data discovery tools for all core data streams
8	**Assembly & delivery of core data streams**	Assembly & delivery of core data streams emphasizing direct download	Assembly & delivery of core data streams emphasizing direct download	Assembly & delivery of core data streams emphasizing direct download

#	Outcome	2017	2018	2019
9	**Integration of space data within the GFOI Methods and Guidance**	Finalisation of methodology to derive GFOI standard products using space data and reflection in the MGD.	Integration of space data within the GFOI MGD Portal, including agreement on the derivation of GFOI standard products using space data	Integration of space data within the GFOI MGD Portal, including agreement on the derivation of GFOI standard products using space data
10	**Conclude pilots investigating fundamental issues around the provision of cloud computing**	Develop pilots investigating fundamental issues around the provision of cloud computing Identification of operational pathways Closer collaboration between SDCG and FAO on Data Cube and SEPAL 2.0	Conclude pilots investigating fundamental issues around the provision of cloud computing Transition of initial pilots to operations	Operational initiation of cloud computing instances and systematic transition and handover to operating partners
11	**Creation of a model national GFOI cloud computing search, storage and processing system**	Colombian national Data Cube project established Initiate within the ESA Forestry TEP a demonstration of a sub-national system for Mexico (late 2017)	Colombian Data Cube transitioned to operational ESA Forestry TEP demonstration of a sub-national system for Mexico underway (Autumn 2018)	Goal of model national systems building on the experience of the pilots with Data Cube and ESA TEP

Space Data Support to GFOI Research & Development (Element 3)

#	Outcome	2017	2018	2019
12	**Development and updates of the Element-3 strategy document**	Update(s) of the Element 3 strategy document as required, to reflect progress of the GFOI R&D Coordination Component, status of engagement of SDCG data stream providers.	Update(s) of document as required	Update(s) of document as required
13	**Providing the satellite data required to progress the GFOI priority R&D topics**	Coordinate contacts and communications between SDCG data stream providers and GFOI research groups. Acquisitions and distribution of satellite data	Acquisitions and distribution of satellite data	Acquisitions and distribution of satellite data
14	**Maintain engagement with (public, hybrid, and commercial) data providers,** through a management and accountability framework implemented in conjunction with an SDCG mechanism for brokering space data requests in support of GFOI R&D activities.	Promote engagement of interested commercial data providers. Assess data requests from potential new GFOI R&D teams. Consolidated reporting from the space agencies and the R&D teams and migration of successful R&D outcomes into the MGD.	Assess data requests from potential new GFOI R&D teams. Consolidated reporting from the space agencies and the R&D teams and migration of successful R&D outcomes into the MGD.	Assess data requests from potential new GFOI R&D teams. Consolidated reporting from the space agencies and the R&D teams and migration of successful R&D outcomes into the MGD.

GFOI Component Coordination and Country Engagement

#	Outcome	2017	2018	2019
15	**Delivery of a coherent customer experience for GFOI countries**	Coordinated plan for providing the most efficient provision of GFOI deliverables to countries – developed by the Space Data, MGD and Capacity Building Component Leads Develop at least two GFOI 'end-to-end' country engagement pilots involving all GFOI components	Effective coordination among GFOI Components for engaging and supporting follow-up with priority countries	Effective coordination among GFOI Components for engaging and supporting follow-up with priority countries
16	**Space data support and services provided to all priority countries**	FAO and SilvaCarbon will help define the priority countries for GFOI support and deliverables	As dictated by the country prioritisation above, in collaboration with FAO, World Bank, SilvaCarbon, and GFOI Lead Team	Capacity to provide space data support and services to all priority countries
17	**Effective management of country interfaces**	Development of simple Excel-based database for internal SDCG purposes Establish *modus operandi* in collaboration with FAO and GFOI Leads for country engagement	Transition to GFOI Office as appropriate	Effective management of country interfaces in coordination with FAO and SilvaCarbon via a country relationship database