

CEOS SEC Report

Entity: CEO Team

Prepared By: Steven Hosford (ESA/CNES)

Updates on issues raised during the last CEOS SEC teleconference

(Dot points)

- The **Freshwater from space workshop** will take place on 16th – 17th May. First call with workshop organisers took place on 22nd Jan to explicit objectives and sketch out a draft agenda which will subsequently be shared more widely for comment. Significant progress on this is expected over the coming month.
- **CEOS 2018-2020 Workplan.** The majority of inputs from CEOS entities have been received. Their integration into the updated workplan has begun. A draft should be available within 2 weeks.
- **Preparation of the FDA Big data Workshop (26th April).** Workshop preparation is progressing, COM will shortly be contacting a number of agencies to solicit contributions.

Issues requiring discussion/decision during current CEOS SEC teleconference

(Dot points)

- CEOS has been invited to a side meeting of the 55th session of COPUOS's STSC which will launch a new Global Space Partnership for the Sustainable Development Goals. UNOOSA proposes that CEOS joins this partnership. The SDG Ad-hoc team has been informed. Are there any potential representatives among CEOS leadership?

Other highlights, activities, actions, projects, collaborations

(Dot points, e.g. outputs, new products, papers, technical reports, media, pipeline and new projects, interactions, project status changes, new opportunities)

- Ongoing preparation of next week's GEO-CEOS bilateral meeting
- For information - Paul DiGiacomo is (has?) stepping down from OCR-VC co-chair role. The round of VC/WG telecons should be used to update any VC leadership changes.

Upcoming meetings or events

(Dot points, e.g. meetings, conferences of relevance, visits)

- GEO-CEOS bilateral meeting 29th / 30th Jan
- GEO Programme Board meeting 31st Jan / 1st Feb

Attachments

(e.g. pictures, figures, graphs, links – for use in overall CEOS reporting and as website resources etc.)

CEOS SEC Report

Entity: SIT Chair Team

Prepared By: Kerry Sawyer (NOAA)

Updates on issues raised during the last CEOS SEC teleconference

(Dot points)

- N/A

Issues requiring discussion/decision during current CEOS SEC teleconference

(Dot points)

- Space Climate Observatory and Paris Declaration discussions will continue next week while CEOS team is in Geneva – will meet with GCOS and CNES will discuss proposal for how to move forward with CEOS engagement.
- SIT-33 preparations are underway. Expect formal invitation letter and logistics information to be shared with all by the end of January. If anyone requires a visa letter, please let Kerry know soonest. Also, let Kerry know if anyone is interested in hosting a side meeting on 23 April.
- CEOS-GEO Bilateral – agenda prepared. Will provide report on outcomes of meeting at SEC-234.

Other highlights, activities, actions, projects, collaborations

(Dot points, e.g. outputs, new products, papers, technical reports, media, pipeline and new projects, interactions, project status changes, new opportunities)

- N/A

Upcoming meetings or events

(Dot points, e.g. meetings, conferences of relevance, visits)

- CEOS-GEO Bilateral Meeting will be held 30 Jan 18, with half-day working session on 29 Jan in Geneva, in conjunction with the GEO Programme Board Meeting on 31 Jan-1 Feb and GEO-C Steering Committee Meeting on 2 Feb.
- SIT-33 Meeting will be 23-25 April 18 in Boulder, Colorado. Save-the-date message was shared with CEOS community on 11 Dec 17.

Attachments

(e.g. pictures, figures, graphs, links – for use in overall CEOS reporting and as website resources etc.)

CEOS SEC Report

Entity: GEO SEC

Prepared By: William Sonntag(GEO Secretariat)

Updates on issues raised during the last CEOS SEC teleconference

(Dot points)

- NA

Issues requiring discussion/decision during current CEOS SEC teleconference

(Dot points)

- GEO Land Degradation Neutrality Initiative (LDN) consultation process

Other highlights, activities, actions, projects, collaborations

(Dot points, e.g. outputs, new products, papers, technical reports, media, pipeline and new projects, interactions, project status changes, new opportunities)

- GEO secretariat Staff engaged in on-going LDN consultation with GEO Initiatives
- LND on Programme Board Agenda January 31, February 1st
- GEO-Carbon and GHG Initiative steering committee 1st meeting will be held on 2nd February, Geneva

Upcoming meetings or events

(Dot points, e.g. meetings, conferences of relevance, visits)

- GEO-CEOS Bilateral Meeting, 29-30 January, Geneva
- GEO Program Board meeting, 31 January to 1 February, Geneva
- 3rd GEO Data Providers Workshop, 20-23 March at ESA, Frascati, Italy
- GEOGLAM Workshop on Data and Systems Requirements for Operational Agricultural Monitoring, 18-19 April, 2018, JRC-Ispra Italy

Attachments

(e.g. pictures, figures, graphs, links – for use in overall CEOS reporting and as website resources etc.)

The following general description of the Initiative and current consultation process is provided for review. Both are subject change based on inputs received from GEO participants and from UNCCD.

A GEO Initiative on LDN would be a major contributing factor in successfully assisting countries, at every level of development, to create the monitoring infrastructure necessary to support efforts and policies to combat land degradation, thereby contributing directly to GEO' s strategic objective regarding the SDGs.

The UNCCD as the custodian agency for SDG indicator 15.3.1 (“proportion of land

that is degraded over total land area”) and its resource mobilization institution (the Global Mechanism) as the executing agency for the LDN target setting programme (LDN-TSP), are already actively involved with some GEO members and Participating Organizations (POs) in implementation at the national level. As a result, the overarching terms of reference and good practice guidance for and the expected benefits of this GEO Initiative on LDN have already been established. Given the level of ambition to monitor and report on land degradation at the national level in a manner that is timely and policy-relevant while at the same time ensuring national ownership, this proposed Initiative would serve to fill critical gaps.

The assets of the Earth Observations community for this proposed Initiative would be utilized specifically to (1) leverage its convening power to turn information into knowledge and package it as user-centric tools, applications and services; (2) identify existing data and information gaps; (3) mobilize action to reduce these gaps by empowering countries and organizations to strengthen and develop their own capacities through the leveraging of technical assistance and increased access to EO datasets and products; and (4) link to relevant socio-economic data through partnerships in order to provide enhanced information for decision-making.

Within GEO, the consultation process to date has included distribution of the current Initiative description/application to select GEO Participating Organizations and Member Countries, in particular those that expressed support and interest during the October GEO Plenary. Comments received have been incorporated in the Initiative description. Further distribution will occur through the GEO community after Programme Board deliberations at the end of January.

UNCCD and GEO have worked together with their Members and collaborators across the Earth observations community to help develop the Earth observations aspects of the data methodology for SDG Indicator 15.3.1. during 2017. This successful process resulted in the methodology being recognized by the UN InterAgency Expert Working Group as worthy of a higher classification and validity for use by Member Countries. It also identified the need for continued engagement globally to assist with data collection techniques and standards development for associated indicators.

CEOS SEC 233 Report

Entity: WGDisasters

Prepared By: Simona Zoffoli (Italian Space Agency), David Green (NASA)

Updates on issues raised during the last CEOS SEC teleconference

(Dot points)

- None

Issues requiring discussion/decision during current CEOS SEC teleconference

(Dot points)

- None

Other highlights, activities, actions, projects, collaborations

(Dot points, e.g. outputs, new products, papers, technical reports, media, pipeline and new projects, interactions, project status changes, new opportunities)

- Workplan: The contribution from WG Disasters to the 2018-2020 CEOS Work Plan has been submitted before Christmas. An updated version has been prepared and sent on January, 18.
- GEO GSNL Initiative. WG Disasters is continuing its support to GEO-GSNL initiative providing EO data and evaluating proposals. A new proposal for an event supersite over the Kermanshah province (Iran) devastated by a M7.3 earthquake on 12 November, 2017, has been received. Evaluation is ongoing.
- Disaster Risk Management (DRM) pilots and demonstrators. Discussion is ongoing on future demonstrators aimed to take successful elements of pilots and broaden their application to new users in new geographic areas, or to consolidate applications with existing users and seek long-term sustainability through new funding relationships.
- Volcanic team activated obj C of the volcanic pilot in response to the Agung eruption. A short news has been published on the CEOS homepage thanks to SEO support. There is attention now on the Mayon volcano in the Philippines. From SAR analysis (ALOS-2 and Sentinel-1) so far there are no signs of deformation.
- Recovery Observatory (RO). Technical mission to Haiti recently concluded (4-8 December). Strong engagement from national partners, including Centre national d'information geospatiale, Comite interministeriel d'amenagement du territoire and National Observatory of the Environment and Vulnerability. The first official products will be presented to the User Workshop planned for the week of 7 May in Port-au-Prince and Les Cayes.
- GEO-DARMA: Discussions are moving forward in Asia and Africa, and the first project proposals are expected to be formulated in these regions for presentation next spring to CEOS. 3rd Steering Committee planned on January 25, for review of project proposals in Asia and Africa, as well as first analysis of regional reports for Latin America/Caribbean. UNISDR Americas now engaged in process, in tandem with UNEP LAC.

Upcoming meetings or events

(Dot points, e.g. meetings, conferences of relevance, visits)

- 9th CEOS WGDisasters meeting, hosted by COM to be held in Brussel, Belgium, March, 13-15, 2018.
- Two side events have been proposed to 2018 Understanding Risk Forum, Mexico City, May 14-18, 2018

CEOS SEC Report

Entity: WG Climate

Prepared By: Jörg Schulz (EUMETSAT) and John Dwyer (USGS)

Updates on issues raised during the last CEOS SEC teleconference

(Dot points)

- none

Issues requiring discussion/decision during current CEOS SEC teleconference

(Dot points)

- none

Other highlights, activities, actions, projects, collaborations

(Dot points, e.g. outputs, new products, papers, technical reports, media, pipeline and new projects, interactions, project status changes, new opportunities)

- The October 2017 version of the MIM is now accessible for analysis purposes within the ECV Inventory. In addition, links to the WMO OSCAR have also been implemented. With this an analysis of available and future measurements linked to the ECV Products becomes feasible;
- WG Climate started the remaining gap analysis with a briefing teleconference on 17 January with WGClimate members and volunteers supporting the gap analysis that explained the above mentioned additions to the Inventory analysis part. Also this telecom had a good participation including representatives from 11 agencies and WCRP;
- Start to prepare agenda for joint session with WCRP Data Advisory Council at the beginning of the WGClimate meeting in March at WMO in Geneva;
- Started an open discussion with the Chair of the SCOPE-CM Executive Panel Jeff Privette from NOAA on the future role of SCOPE-CM in particular in relation to the WGClimate. This may lead to an updated SCOPE-CM Implementation Plan;
- CEOS work plan update needs to wait until next week due to other commitments.

Upcoming meetings or events

(Dot points, e.g. meetings, conferences of relevance, visits)

Attachments

(e.g. pictures, figures, graphs, links – for use in overall CEOS reporting and as website resources etc.)

CEOS SEC 233 Report

Entity: WGISS (Working Group on Information System and Services)

Prepared By: Mirko Albani - Chair (ESA), Rob Woodcock – Vice-chair (CSIRO)

Updates on issues raised during the last CEOS SEC teleconference

(Dot points)

- Action 232-03: Review of the Carbon Portal Prototype by a broader community of users was briefly discussed and fully agreed at last WGISS Exec teleconference. Open-up of the Portal should happen in July 2018.

Issues requiring discussion/decision during current CEOS SEC teleconference

(Dot points)

- None

Other highlights, activities, actions, projects, collaborations

(Dot points, e.g. outputs, new products, papers, technical reports, media, pipeline and new projects, interactions, project status changes, new opportunities)

- WGISS contribution to CEOS 2018-20 Work Plan finalised and sent to CEOS Executive Officer.
- *Data Preservation and Stewardship*: WGISS Data Management and Stewardship Maturity Matrix White Paper Issued. Lessons Learned on application will be collected from WGISS members.
- *Data Discovery and Access*
 - Continuing review of WGClimate *ECV inventory Version 2.0*. Mapping between ECV and datasets available at NASA/NOAA/EUMETSAT/ESA completed, status of accessibility of relevant datasets through the WGISS connected data assets infrastructure being checked. Additional datasets will follow.
 - NOAA OneStop portal data now available through IDN (collection level). Granule access will follow.
- *Interoperability and Use*
 - Review of the Carbon Portal Prototype by a broader community of users was briefly discussed and fully agreed at last WGISS Exec teleconference. Open-up of the Portal should happen in July 2018.
- *Technology Exploration*: webinar on “The OGC Coverage Standards Suite: Introduction and Overview” was held by Dr Peter Baumann (Managing Director of Rasdaman). Focus was on building spatio-temporal datacubes based on WCS/WMS OGC standards.

Upcoming meetings or events

(Dot points, e.g. meetings, conferences of relevance, visits)

- WGISS 45 – April 9-13, INPE (San Jose Dos Campos, Brazil)
 - Joint Meeting with WGCV: joint sessions agenda being discussed with WGCV Chair
 - One day workshop on Future Data Architectures and Introduction of Copernicus Data and Information Access System (DIAS)

CEOS SEC-233 Report

Entity: WGCapD Chair Team

Prepared By: A. Senthil Kumar (ISRO), Nancy Searby (NASA), Hilcea Ferreira (INPE)

The update from WGCapD to the 2017-19 CEOS Work Plan has been submitted.

Plans for 2018-2020 shall be discussed during the WGCapD annual meeting to be held in São José dos Campos, SP, Brazil, from March 6-8, 2018. They include: training opportunities, supporting other CapD's members initiatives, and supporting CEOS/GEO initiatives.

Updates on issues raised during the last CEOS SEC teleconference

None

Issues requiring discussion/decision during current CEOS SEC teleconference

Training: Methods & Best Practices document has been sent to Matthew Steventon (COM 2018 CEOS Chair Team) and Steven Hosford (CEOS CEO) on December 12, 2017. What is next?

On November 29th, WGCapD Chair sent WGCapD membership invitation letters to GISTDA (Anond Snidvongs); JAXA (Tachi Kazuo); UKSA (Katherine Courtney) and SANSA (Andiswa Mlisa). Feedback received only from SANSA.

Other highlights, activities, actions, projects, collaborations

The group's ToR has been under review and an updated version shall be approved during the annual meeting.

Upcoming meetings or events

(Dot points, e.g. meetings, conferences of relevance, visits)

Agenda for the WGCapD-7 meeting is being prepared with a focus on generating a roadmap for collaboration. Specific invitation letters have been sent to: GISTDA, UKSA, JAXA, ITC, CEOS CEO, SANSA, AfriGEOSS and AmeriGEOSS PoCs.

Attachments

None

CEOS WGCV SEC-233 Report

Entity: WGCV

Prepared By: Kurt Thome, Chair, NASA
Cindy Ong, Vice Chair, CSIRO

Updates on issues raised during the last CEOS SEC teleconference

(Dot points)

- None

Issues requiring discussion/decision during current CEOS SEC teleconference

(Dot points)

- None

Other highlights, activities, actions, projects, collaborations

(Dot points, e.g. outputs, new products, papers, technical reports, media, pipeline and new projects, interactions, project status changes, new opportunities)

- RadCalNet has begun processing data from the fourth site at Gobabeb, Namibia as a test of incorporating new sites into the network as part of the preparations for making the RadCalNet data publicly available.
- The Atmospheric Correction Intercomparison Exercise (ACIX) study team organized a special session at the American Geophysical Union Fall Meeting including presentations on the ACIX activities and the Harmonized Landsat Sentinel Reflectance Products that was integral to the Moderate Resolution Intercomparison work.
- A discussion led by WGISS chair, M. Albani, took place for planning the joint WGISS/WGCV sessions to take place in Brazil in April. A set of draft topics for the joint session as well as possible topics of interest to both WGISS and WGCV that are part of the WGISS workshop on April 11 were raised.
- Chair and Vice Chair are working with a Vice Chair candidate to obtain the appropriate paperwork for their candidacy.

Upcoming meetings or events

(Dot points, e.g. meetings, conferences of relevance, visits)

- WGCV-43 is scheduled April 10-13, 2018 hosted by INPE in São José dos Campos, Brazil. A joint session with WGISS-45 is planned for April 10.
- WGCV telecon Feb. 01
- LPV subgroup meeting March 2, 2018 at ESA ESRIN in Frascati, Italy
- IVOS subgroup meeting March 26-29, 2018 at ESA ESTEC, Noordwijk, the Netherlands
- WGCV telecon May 31
- WGCV-44 Sept. 2018 location TBD

Attachments

(e.g. pictures, figures, graphs, links – for use in overall CEOS reporting and as website resources etc.)

CEOS SEC-233 Report – January 2018

Entity: SEO

Prepared By: Brian Killough (NASA)

Issues requiring discussion/decision during CEOS SEC teleconference

- None

Updates on issues raised during the last CEOS SEC teleconference

- None

Upcoming meetings or events

- Brian Killough will meet with the Swiss Data Cube team on January 31 in Geneva. A presentation will be given at the University of Geneva followed by a technical meeting.
- The SEO team is working with the Open Data Cube team to plan the annual Data Cube Workshop on Feb 12-16, 2018 at Geoscience Australia.

Other highlights, activities, actions, projects, collaborations

(e.g. outputs, new products, papers, technical reports, media, pipeline and new projects, interactions, project status changes, new opportunities)

- Brian Killough attended the Earth Science Information Partners (ESIP) 2018 winter meeting in Bethesda, Maryland, USA on Jan 9-11, 2018. Two presentations were given on the Open Data Cube related to Data Analytics and Cloud Computing.
- The SEO is making progress in 3 specific areas relevant to the Open Data Cube.
 - (a) We are working with CSIRO and Symbios to progress the Vietnam Data Cube in order to meet an internal Vietnam deadline in March 2018,
 - (b) We are talking with Google about a "Data Cube on Demand" concept that will take advantage of their data holdings for rapid cube generation, and
 - (c) We are also working with the Global Partnership for Sustainable Development Data (GPSDD) and Amazon to progress an African Regional Data Cube to support 5 countries: Kenya, Senegal, Sierra Leone, Ghana and Tanzania.

CEOS SEC-233 Report

Entity: SDCG

Prepared By: Osamu Ochiai (JAXA)

Updates on issues raised during the last CEOS SEC teleconference

(Dot points)

- None.

Issues requiring discussion/decision during current CEOS SEC teleconference

(Dot points)

- None.

Other highlights, activities, actions, projects, collaborations

(Dot points, e.g. outputs, new products, papers, technical reports, media, pipeline and new projects, interactions, project status changes, new opportunities)

- Planning GFOI Lead Team #33 meeting in Paris, Feb. 2 2018: The World Bank, who recently joined the GFOI lead group, will host the Lead Team meeting in their premises in Paris. The topic of the meeting will be to introduce new leads (ESA, UK and The World Bank), GFOI Plenary agenda, Country needs assessment, Early Warning/Near Real time forest monitoring, REDD+ review and the GFOI work plan for 2018.
- USGS absence from SDCG will be followed up by writing e-mail to Jenn Lacey and Steve Labahn asking for periodic inputs to SDCG and for their share of the global baseline PPT for SDCG-13. India has not been followed up from CEOS Plenary interaction. Joanne Nightingale will report from the UK on NovaSAR latest and UKSA meeting. Ake Rosenqvist will follow up with Argentina (CONAE) including about Colombia meeting attendance. JAXA is implementing Open and Free data policy that can support GFOI including ALOS full archive being publicly available.
- SDCG Co-chairs (ESA and UK) will prepare a CEOS Resource Paper for discussion at SIT-33.
- The GFOI Early Warning effort is now lead by WRI and bi-weekly telcons are planned with Osamu, Ake and Stephen nominally representing CEOS. A User Needs Assessment Process will be organized and a contractor will be selected shortly (funded by office). A forum will be organized in the 1st week of June 2018 in Lima, Peru. There has been some discussion around the naming of the effort: “Early Warning” versus “Near-real-time monitoring” versus “early alert”.

Upcoming meetings or events

(Dot points, e.g. meetings, conferences of relevance, visits)

- GFOI Plenary will take place the week of 12th March in Bogotá, Colombia. Monday will be GFOI component meetings (including the CEOS-lead Data Component), Tuesday and Wednesday GFOI Plenary, and Thursday and Friday will be SDCG-13. SDCG is currently preparing a draft agenda, with registration to open shortly. An ‘all hands’ call will be planned for February in the run up to the meetings. The main SDCG-13 topics will be support to the global baseline, space data services, and GFOI R&D, the GFOI Data component and User Advisory Group (DUAG), the SDCG Work Plan for 2018-2020, and SDCG resourcing.

CEOS SEC-233 Report

Entity: CEOS ad hoc WG on GEOGLAM

Prepared By: Alyssa Whitcraft (GEOGLAM Secretariat)

Updates on issues raised during the last CEOS SEC teleconference

(Dot points)

- Save the dates for week of 16 April 2018 have been sent out to GEOGLAM community as well as CEOS SEO for the Operational User Requirements meeting – which will provide the basis for GEOGLAM’s EO Data Requirements Refresh. Agenda is being drafted for a 2 day meeting (either 17-18 or 18-19 April). EC JRC is hosting; Bettina Baruth (JRC), Ian Jarvis (GEOGLAM Sec), and Alyssa Whitcraft (GEOGLAM Sec) are co-organizing.
- RADI-China is taking leadership of the new GEOGLAM Thematic Coordination Team on Information and Communications Technology (ICT), as a part of their Digital Belt and Road (DBAR) project. They are tentatively planning to hold a workshop on this topic in China in August 2018.

Issues requiring discussion/decision during current CEOS SEC teleconference

(Dot points)

- None.

Other highlights, activities, actions, projects, collaborations

(Dot points, e.g. outputs, new products, papers, technical reports, media, pipeline and new projects, interactions, project status changes, new opportunities)

- GEOGLAM Latinoamerica is rapidly growing, with a workshop held in Buenos Aires in December 2017. As a result, GEOGLAM will have a spot on the upcoming AMIS Rapid Response Forum agenda (March 2018) in which it can showcase EO capacity and GEOGLAM activities in the Americas. This should increase participation in GEOGLAM from the region (already evidenced by new Chilean contribution to the Crop Monitor).
- GEOGLAM is also participating in a G20 Stocktaking exercise, and the Secretariat is working diligently to represent all of our successes to the G20 with aim of sustaining and increasing support.
- GEOGLAM is engaging the new NASA-funded Earth Observations for Food Security and Agriculture Consortium (EOFSAC) and working to reach out to the EU H2020-funded agriculture project.
- GEOGLAM has established a strong relationship with the the India Ministry of Agriculture’s Mahalanobis Crop Production Forecast Centre, filling in a critical gap in the Crop Monitor for AMIS.
- GEOGLAM is working with multiple partners in Vietnam to establish a Crop Monitor for Vietnam.

Upcoming meetings or events

(Dot points, e.g. meetings, conferences of relevance, visits)

- JECAM – USDA - EOFSAC Meeting, 13-15 February 2018 (Maryland US)
- AMIS Rapid Response Forum, 14-15 March 2018 (Argentina)
- GEOGLAM Operational User Workshop, week of 16 April 2018 (Ispra, Italy)
- SIT-33 – 23-25 April 2018 (Colorado US)
- SARI LCLUC Meeting (GEOGLAM and Agricultural Sessions) – 26 May – 2 Jun 2018

CEOS SEC-233 Report

Entity: Ad Hoc Team on SDG

Prepared By: Flora Kerblat (CSIRO), with contributions from the co-leads Eric Wood (USGS), Marc Paganini (ESA), Alex Held (CSIRO)

Updates on issues raised during the last CEOS SEC teleconference

(Dot points)

- Related to the Geospatial World Forum on SDG mid-January (India): ISRO offered to represent the CEOS AHT SDG. Forum outcomes related to CEOS-AHT SDG activities will be reported at next CEOS SIT.
- Related to the request to Principals to provide more and updated contacts so we can collect information about CEOS activities on SDGs: we haven't received anything since but will keep on contracting CEOS Principals or SDG nominated points of contact (if available)

Issues requiring discussion/decision during current CEOS SEC teleconference

(Dot points)

- Still asking for contributions from CEOS agencies on their activities on SDGs.
- CEOS (CEO) received an invitation from UNOOSA to participate to the Global Space Partnership for the Sustainable Development Goals side meeting at the 55th session of STSC, COPUOS on 5 February in Vienna: Principals are invited to discuss and decide on the need/advantage to join the Partnership or not. In addition, CEOS to decide who should be attending the side meeting in Vienna?

Other highlights, activities, actions, projects, collaborations

(Dot points, e.g. outputs, new products, papers, technical reports, media, pipeline and new projects, interactions, project status changes, new opportunities)

- The "CSIRO/ABS report" referring to the Task Team report on Satellite imagery and Geo-spatial data (UN Big Data Global Working Group), led by ABS at that time, with CSIRO (Flora, Arnold Dekker and Alex Held) and CEOS contributions, has finally been published as a White paper on the UN Task Team website: <https://unstats.un.org/bigdata/taskteams/satellite/>
And is available through the CEOS website too thanks to Kim: <http://ceos.org/home-2/satellite-imagery-for-official-statistics/>
- Presentations on behalf of the team:
 - o NOAA (Satya) presented a poster (reviewed by Flora, Alex, Marc and Eric) at the American Meteorological Society (AMS) meeting held in Atlanta, TX, about CEOS and SDG (7-11 Jan 2018)
 - o ISRO (Rajeev) offered to represent CEOS at the Geospatial World Forum on SDG in relevant panel discussions – need to follow up on the outcomes
 - o ESA (Marc) participated to a panel at the 5th High Level Forum (HLF) on UN Global Geospatial Information Management "Implementing the Sustainable Development Goals (SDGs) The Role of Geospatial Technology and Innovations", Mexico city, 28-30 Nov 2017

- NASA (Lawrence) and JAXA (Chu Ichida) represented GEO EO4SDGs and CEOS at the 4th Meeting of the IAEG_SDGs Working Group on Geospatial Information, 6-8 Dec, NYC . ESA (Marc) contributed to the Lawrence/Chu presentations but could not attend.
- Communication: Kim and Flora are working on a communication material (flyer) about EO satellite data and SDG, to be designed in concordance with the CEOS EOHB on SDG, and hopefully to be ready and printed by end of March-April (esp for the RAPP/SDG/ODC workshop in Kenya early May) – the draft CEOS EOHB still needs to be sent to Kim for her to start
- CEOS EOHB on SDGs: Design phase with lots of reviews last couple of days (Flora has worked with the editorial team and Marc), in a good shape but still needs some work to actually finalise it on time . The CEOS Handbook on SDGs is planned to be ready in a digital format on 2nd February. Printed copies will be sent to all CEOS Principals. Official release will take place at the 49th session of the UN Statistical Commission, NYC, 6-9 March.
- GEO:
 - EO4SDG (Argie) has requested some support from us (Kim/Flora) on the communications’ part (esp. related to the website, and calendar to be set up);
 - EO4SDG (Argie) is involved (for the SDG session) in the preparation of the RAPP/SDG/ODC workshop to be held in Kenya the week of the 7th May

Upcoming meetings or events

(Dot points, e.g. meetings, conferences of relevance, visits)

- Next SDG co-leads/team conference call should be held early February – exact day/timing to be decided soon
- UNSC-49 NYC 6-9 March and UN GGIM side meeting **Statistical-Geospatial Integration Forum “Integrating statistical, geospatial, and other Big Data to leave no one behind”, 5th March. ESA(Marc) and NASA (Argie) are contributed to a concept note and have been invited to attend a panel on Satellite observations for sustainable development goals**
- GEOGLAM RAPP/SDG/Open Data Cube (ODC) workshop in Kenya, week of the 7th May:
 - is being planned (discussions with various partners incl CSIRO, SANSA, ILRI, GEO, GPSDD, CEOS SEO, FAO): if your agency is willing to help us, please let us know!
 - Invitations to be sent out soon
 - The objective is to create synergies between different stakeholders (decision-makers, statisticians, EO experts, rangelands, food security policy experts...) all aiming at finding better ways and solutions to improve data management and reporting in the SDG process, especially related to food security and land management issues using EO data.

Attachments

(e.g. pictures, figures, graphs, links – for use in overall CEOS reporting and as website resources etc.)