

CEOS SEC-260 Report

(two pages max.)

Entity: CEO

Prepared By: Kerry Sawyer (NOAA)

Updates on issues raised during the last CEOS SEC teleconference (Dot points)

- None

Issues requiring discussion/decision during current CEOS SEC teleconference (Dot points)

- CEOS 2020-2022 Work Plan Status
 - Thanks to the following for providing timely inputs (those received by the CEO to date): **AC-VC, WGCapD, WGDisasters, SDG AHT, and LSI-VC**
 - **WGCV** provide information on three new Deliverable but still need to have status report on existing Deliverables.
 - **WGISS** also provided a “no response” response but need to have updates to the existing WGISS Deliverables.
 - Still require updates from the following entities:
 - **WGClimate, SEO, OST-VC, OCR-VC, OSVW-VC, P-VC, SST-VC, Blue Planet Expert, Biodiversity Expert, COVERAGE, SIT Chair (Water), and LSI-VC (Agriculture)**
 - So far, we have 59 NEW DELIVERABLES for the 2020-2022 WP (64 if you count 5 from SDG AHT for 2021)
 - Reconciling Deliverables listed in the 2019-2021 Work Plan and those that are in the online CEOS Deliverables Tracking Tool 2.0
 - Six Deliverables are in the Tracking Tool but not in the 2019-2021 Work Plan
 - One Deliverable is in the Work Plan but not in the Tracking Tool
 - Status spreadsheet is available from CEO upon request
 - CEO is in the process of getting a tutorial on how to use, update, etc. the online Tracking Tool (be patient)
 - There are ~100 persons who have authority to update the online Tracking Tool but not everyone who is responsible has login credentials. The CEO will review who has access to the online system but expected plan is for each CEOS entity to identify no more than three persons who have login credentials/access to update the Tracking Tool.
 - Schedule for release of VO of 2020-2022 WP is still TBD but hopefully by the end of January.
- CEOS Listservs
 - CEO also requires a tutorial on how to manage and update the CEOS listservs
 - Four persons have administrative access to all the listservs.

- The CEO would like to divide the listservs into first tier and second tier. The first-tier listservs are the CEOS SEC, Members, Associates, WGs, VCs, Ad Hoc, Experts (these are the responsibility of the CEO) but there are also quite a few second-tier lists (*e.g.*, specific VC lists or WG lists). For each of these second-tier lists, a responsible party must be identified so the CEO can work directly with that person to update those lists (add/delete members as needed, confirm participants, etc.).
 - Also need to do a little bit of clean-up with the lists because some appear to be overcome by events and should be archived.
- Updates to CEOS Website
 - Org chart changes need to be done
 - Agency changes – notified informally about Ankasa changing to Malaysian Space Agency so all email addresses are bouncing back
 - CEOS 101 presentation will be updated and made available

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)

- CEOS-GEO Bilateral is scheduled for 3-4 February. SIT Chair Team has agenda and has coordinated with GEO Secretariat.
- 16th GEO Programme Board Meeting and Associated Side Meeting on Disaster Risk Reduction scheduled for 5-7 February. CEOS attendees TBD but likely Principal (Andreia) and Alternate (Kerry) plus Ivan, Jono, Osamu in Agency/GEO Member roles.

Upcoming meetings or events

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

- See above

Attachments

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

CEOS SEC Report

(two pages max.)

Entity: GEO SEC

Prepared By: Doug Cripe (GEO Secretariat)

Issues requiring discussion/decision during current CEOS SEC teleconference (Dot points)

- Agenda for GEO – CEOS bilaterals, 3-4 February 2020, Geneva
 - Spatial Capacity Development Advisory Board concept
 - Confirmation of Swiss Data Cube presentation.
 - Confirmation of GEOGLAM presence for “deep dive” session.

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)

- Initial draft of GEO Knowledge Hub implementation plan to be circulated on 15 January 2020 to GEOSS Infrastructure Development Task Team and GEO Programme Board for comment.

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

- GEO Programme Board meeting 5-6 February 2020
- Biodiversity Engine workshop, 13-14 February 2020, Leipzig, Germany. Topic: “Towards a global infrastructure for Biodiversity Data Analysis”. The goal of this workshop is to promote the development of open-access, big-data infrastructure technology in support biodiversity science, policy and management.

CEOS SEC-260 Report – January 2020

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

- The SEO (Brian) will attend the CEOS-GEO meetings in Geneva on Feb 3-4
- The SEO (Brian + several programmers) will attend an Open Data Cube "hackathon" at GA on Feb 24-28.
- The SEO (Brian) will attend a Digital Earth Africa Technical Advisory Committee (TAC) meeting in Pretoria, South Africa on March 3-5.

Other highlights, activities, actions, projects, collaborations

- The first telecon meeting of the "CEOS External Request Process Paper" team was held on Dec-18. A second telecon is planned for Jan-15. The team plans to produce a first draft of the process paper for the SIT 2020 meeting. Representatives from NASA, NOAA, GA, ESA, ISRO, EC and JAXA are on the team.
- Brian Killough attended the AGU Conference in San Francisco, CA on Dec 9-13. He presented an eLightning talk on " An Open Data Cube (ODC) Water Application Demonstrating the GEO Knowledge Hub (GKH) and Supporting the Sustainable Development Goals (SDG)".

CEOS SEC Report

(two pages max.)

Entity: WGDisasters Chair Team

Prepared By: NASA

Updates on issues raised during the last CEOS SEC teleconference

(Dot points)

- No updates

Issues requiring discussion/decision during current CEOS SEC teleconference

(Dot points)

- No Issues requiring discussion

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 GSNL SAC has reviewed two new proposals for Supersites: Kamchatka volcanoes and a seismic area in Central China. Proposals are currently under review by the WGDisasters Data Coordination Team (DCT).
- WGDisasters Generic Recovery Observatory (G-RO) Team has submitted a side event proposal at Understanding Risk 2020, titled 'Bringing Satellite Data into Post Disaster Needs Assessment (PDNA) Analysis'.
- Landslide Pilot Team is in process of developing new Landslide Hazards Demonstrator Implementation Plan.
- New GEO/LEO/SAR Flood Pilot Proposal under development. Intent to submit for decision at SIT-35.
- WGDisasters Chair Team plans to attend first CEOS-COAST meeting to understand roles and contributions.

Upcoming meetings or events

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

- WGDisasters-13 Meeting
 - California Institute of Technology (Caltech), Pasadena California
 - 9-13 March 2020
- Understanding Risk Forum
 - Singapore
 - 18-22 May 2020
- Cities on Volcanoes 11, Remote Sensing Workshop
 - Keraklion Crete
 - 23-27 May 2020

CEOS SEC Report

(two pages max.)

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

Prepared By: Robert Woodcock – 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)

- WGISS has provided LSI-VC with additional feedback and terminology for consideration in the LSI-VC led CEOS Interoperability Terminology report
- Planning for WGISS-49 is now underway with initial invitations sent. WGISS will be seeking participation from GEO AmeriGEOSS and Infrastructure Task Team activities to further cooperation between CEOS and GEO.

Upcoming meetings or events

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

- WGISS-49 will be hosted by CONAE, and held in Buenos Aires, Argentina, April 20 to 23, 2020. Registration and information: <http://ceos.org/meetings/wgiss-49/>

Attachments

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

CEOS SEC-260 Report

(two pages max.)

Entity: WGCapD

Prepared By: Nancy Searby (Chair/NASA) and Pham Thy (Vice Chair/VNSC)

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)

- Registration was opened for the WGCapD-9 Annual Meeting (March 9-13, 2020 in Sunnyvale, CA) on the CEOS meeting page with invitation letter and travel logistics documents. A pre-meeting survey was developed and distributed to the WGCapD community and several members are supporting the organizing committee, including a trained facilitator, to develop an interactive and innovative agenda that will encourage in-person and virtual participation. A theme for the meeting, “Identifying Opportunities for Synergies and Innovation,” was selected to guide the overall focus.
- The following deliverables were completed since the last CEOS-Sec telecon, and will be updated in the deliverables database in the next month if not already updated.
 - CB-10: CEOS MIM Database Update Survey and Release of Online Version, which is tracked by WGCapD and graciously completed by ESA.
 - CB-29-2019-2: the report summarizing the webinar series on “Geospatial Technology for Wildfire Management” conducted during October 2019 was completed. Five webinars were conducted, one each week, for one hour duration by presenters from ISRO, NOAA, ECMWF, and the Colorado School of Mines.
 - CB-29-2019-1: In early December 2019, ISRO completed another webinar series on Hyperspectral Remote Sensing with active support from ISRO and DLR as part of CB-29; the report is pending.
 - CB-32-2019-1&3: A regional hands-on training in Thailand on land cover land use change topics was completed Dec 17-19, focused on LCLUC climate impacts in the coastal zone, and the report submitted.

CEOS SEC Report 260

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Entity: WGCV

Prepared By: Cindy Ong (CSIRO) & Akihiko Kuze (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)

- WGCV presented on the inter-comparison between multiple sensors of radiance spectra and CO₂ CH₄ density products and discussed validation method of global and local flux at the CEOS/CGMS GHG Task Team- Roadmap Coordination Meeting in December 2019;
- Planning of the CEOS WGCV LPV supersite and biomass workshop in March 2020 is in progress;
- Contributions to the CEOS newsletter were provided in December 2019;

Upcoming meetings or events

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

- CEOS WGCV LPV Supersites and Biomass Validation Workshop: 2-6 March 2020, Canberra, Australia.
- GSICS GRWG/GDWG Annual Meeting + Reflective Solar Spectrometer Sub-group meeting, GLAD Hotel Yeouido, Seoul, Korea, 16 - 20 March 2020
- CEOS WGCV Plenary #46: 30 March – 3 April 2020, Pasadena, California, USA
- The next GHG roadmap meeting will be held at JRC, Ispra, Italy on June 12 and 13, 2020.

Attachments

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

CEOS SEC Report

(two pages max.)

Entity: SDG Ad Hoc Team

Prepared By: Flora Kerblat on behalf of Alex Held (CSIRO) and Marc Paganini (ESA),
SDG AHT co-leads

Updates on issues raised during the last CEOS SEC teleconference (Dot points)

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Issues requiring discussion/decision during current CEOS SEC teleconference (Dot points)

- CEOS agencies contribution to the SDG work plan still not entirely clear

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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 SDG AHT submitted updates/new activities on SDG inputs to the CEOS Work Plan according to the SDG Work Plan presented at the Plenary, in consultation with the AHT members, mid-December.
- We had several conference calls (co-leads only, and with AHT members) and email exchanges to plan our work/activities until SIT-35 (latest on Wednesday 15th Jan):
 - Review the spreadsheet (CEOS Work Plan) and specify CEOS agencies level of participation/contribution to make a collective progress towards our WP (resources allocation still TBD)
 - Demonstration of useful algorithms on ODC for SDG monitoring, together with Python notebooks
 - Contributions to the GEO Federated Approach and Toolkit activities (2 concept notes): a CEOS response based on several comments will soon be sent to EO4SDG
 - Completing a detailed assessment on each of the 3 indicators (6.6.1, 11.3.1, and 15.3.1), to be led and completed by various agencies.
 - Templates to be provided by next week (by 30th Jan)
 - It is understood that these technical documents will always be as “working progress” but a solid draft with up-to-date satellite data information will be provided to the EO4SDG Toolkit over the next few months
 - ARD efforts: where CEOS could make a tangible contribution. LSI-VC is already discussing a potential CARD4-Water Leaving / Aquatic Reflectance CARD4L PFS product, and others might be coordinated around ocean/coastal activities (via Blue Planet). The CEOS SDG AHT might help coordinate this when it brings support to monitor SDG.

- Radar workshop organised by CSIRO in Fiji (29th November): a presentation on ‘EO and SDG in the Pacific’– SDG ATH contribution + networking with potential or existing partners (eg. Coffey International Development, SPC, Insight NC, UK SA Catapult...)
- WGCapD reached out to SDG AHT before Christmas, and there is strong interest to work closely together: a meeting was held this week (Argie represented us) to discuss how to coordinate global efforts in cap dev especially on SDG, and Argie may join their meeting in Springs (March).
- WGISS cooperation:
 - Review of EO enabling infrastructure?
 - a dedicated satellite data discovery tool is planned (but needs resources/funding), a bit like what has been done for Climate

Upcoming meetings or events

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

- SDG AHT co-leads face-to-face meeting in Geneva on February 5th + a phone call (afternoon) with other AHT?
- EO4SDG conference call early Feb
- World Urban Forum Abu Dhabi, 8 – 13 Feb 2020
- WGCapD-9 meeting in Mountain View, CA March 9 – 13, 2020
- Side-meeting at SIT-35? (tbd)

Attachments

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