

CEOS SEC-343 Meeting Written Report

CEOS Entity: CEOS Chair

Prepared by: CEOS Chair Team

New updates, particularly those that would benefit from CEOS SEC awareness, discussion, help and/or guidance:

Chair Themes:

- **Adaptation and Resilience Information Products**
 - A call for case studies for the EO Handbook on Adaptation and Resilience is anticipated in January 2026 with a 2 month window for submissions. SEC agencies are invited to consider specific channels as well as communities beyond CEOS to include in the call. A measure of success for the EOHB will be diversity of story-tellers in the case studies.
 - The Chair Team has met with representatives of the Pacific Community (SPC) and the Secretariat of the Pacific Regional Environment Programme (SPREP) to discuss opportunities to include small island perspectives in the discussion, noting their significant exposure to hazards.
- **Future CEOS ARD Strategy**
 - The writing team for the 2026 CEOS-ARD Strategy is being compiled. There will be a core writing team and an extended group of contributors and reviewers. Contributors will be sought from both CEOS agencies and the external community, and the 2025 survey and engagement events are a key source of contacts.
 - Planning has begun for the joint WGCV-56 and LSI-VC-19 meeting hosted by USGS at EROS in Sioux Falls, the week following SIT-41 (April 20-24). This is a key milestone in the development of the CEOS-ARD Strategy, given the strong focus on data quality.
 - WGISS will meet with the CEOS-ARD team next week to advance discussions around CEOS-ARD discoverability and accessibility.
- **Water Quality**
 - CSIRO, GA and NASA representatives have commenced discussion/organisation on the co-designed water quality workshop. The workshop scope is being finalised to align objectives and outcomes, and initial concepts are looking to focus on methodologies to utilise EO archive data to establish catchment to coast approaches to water quality. Regular meetings between the organisers have commenced.
- **CEOS in Schools**
 - Bureau and GA representatives have commenced discussions with various Australian-based education groups and schools, international space agency engagement. CSIRO and the Australian National University have agreed to

coordinate workshops on water quality and bushfires, respectively. UK and JAXA have indicated that they have schools interested in participating - no others have committed yet.

- **Antarctica**

- The Chair team is engaging with relevant representatives in Hobart and planning underway for the Antarctic Plenary Experience, with further information to be provided closer to the event.

Additional points (for written reference only):

- CEOS Chair Team and SIT Chair Team are overseeing the work of the CEOS Executive Officer Team as they continue drafting of Guidance on CEOS Decision Types (SIT-TW-2025-16). Following review by the Chair Team and SIT Chair Team, the product will be circulated for review and discussion by SEC.

CEOS SEC-343 Meeting Written Report

CEOS Entity: SIT Chair

Prepared by: NASA SIT Chair Team

New updates, particularly those that would benefit from CEOS SEC awareness, discussion, help and/or guidance:

- GST Strategy Recommendations – Preliminary Assessment:
 - As per SEC Action 342-05, the SIT Chair team has begun a triage of the CEOS Global Stocktake Strategy recommendations into actions suitable for inclusion in the next update of the CEOS Work Plan (including assignment of actions to CEOS working teams).
 - Wenying Su will present the preliminary analysis and outline next steps, including the plan for consultation with the various CEOS working teams.
- Report on SIT Chair priorities:
 - The SIT Chair team is working actively to finalize priority deliverable leads, identify logistical needs, confirm timelines, and outline detailed work plans for key activities supporting the SIT Chair priorities.
 - The SIT Chair team prepared *2026-2027 SIT Chair Priorities Summary* document, which provides an overview of SIT Chair priorities, key outcomes, deliverables, timeline, and includes a targeted invitation for collaboration among CEOS to align efforts and actively contribute to achieving SIT Chair priorities.
 - The SIT Chair priority leads are in discussion with the CEOS Chair and other CEOS agencies to determine relevant WG/VC and agency activities, participants, and stakeholders that can directly support SIT Chair priority deliverables.
 - Priority 1: Water Planet
 - Priority 1 lead has begun bi-weekly meetings with CEOS Chair, Team Australia, regarding 2026 Water Quality Workshop. Discussion underway on work plan, shared priorities, scope, audience, and workshop format.
 - Priority 2: Connected Data for Community Resilience
 - Priority 2 lead has begun bi-weekly meetings with CEOS Chair (Team Australia) regarding resilience activities (Case study examples, ARD Strategy and EO Handbook for year one). A literature review has begun of existing impact assessments to feed into the water and resilience socioeconomic assessment. SIT Chair plans to support side meetings focused on the resilience and adaptation priorities of the CEOS Chair. SIT Chair also plans to attend the WGDisasters and WGISS meeting to discuss the interoperability demonstrator and activities within the resilience priority scope.
- CEOS and Wildfire Observation Coordination:
 - Due to the recommendations from the Wildfire Pilots in WGDisasters, and alignment with both the Chair priority on Adaptation and Resilience and the SIT Chair priority on Connected Data for Community Resilience, the SIT Chair is supportive of CSA and Canadian colleagues exploring the future of wildfire

monitoring coordination within CEOS. Options will be presented by the SIT Chair team to the SEC for discussion with a goal of achieving a decision at SIT-41. Two potential options so far will be explored, but the team is open to other ideas as well: 1) a subgroup under WGDisasters or 2) a subgroup under LSI-VC. CSA and Canadian colleagues are currently looking into these options, including planned discussions with VC / WG leads.

- As a reminder, this need for coordination arose from the findings of the CEOS WGDisasters Wildfire Pilot and the experiences of the WildFireSat Mission team. Canada's interest also stems from the G7 announcement by Canada's Prime Minister Mark Carney, to support international working groups to improve coordination on the use of satellite data for wildfire management.

Upcoming meetings and events (for written reference only):

- SIT-41 updates: The SIT Chair team is working to finalize logistical details for the meeting, which will take place at the Beckman Center in Irvine, California 14 - 16 April 2026. Expect a logistics package to come mid/late January.

CEOS SEC-343 Meeting Written Report

CEOS Entity: CEO Team

Prepared by: CEO, December 2025

1. Ongoing work with working groups, virtual constellations and others updating the deliverables in the tracking tool.
2. Working Group on Capacity Building and Data Democracy
Ongoing support for greater awareness and outreach regarding key focus areas for the working group and an engagement plan for the broader CEOS community.
3. Working Group Climate: ongoing support to the GST strategy and TIGER team, including follow up and feedback from the Climate COP and Earth Information Day (EID).
4. Working Group Disasters: continued work plan support and coordination across working group and support the ongoing development of several pilots, notably active wildfire coordination being led by Canada.
5. Working Group on Information Systems and Services: providing input on the WGISS connected data assets, as well as the interoperability handbook (sharing and socialising) and maturity matrix, as well as interoperability demonstrators
6. Working Group on Calibration and Validation: continue to support the communication of the FRM Assessment Framework and its role, notably engaging commercial sector.
7. The CEO team joined the GEO open days.
8. SDG Coordination Group – review UNOOSA space and SDGs booklet, support ESA MOOC for the SDGs.
9. Ongoing contributions to CEOS Communications Team.
10. Ongoing support to Biodiversity Study Team.
11. Ongoing support for the Future CEOS-ARD Strategy

The CEOS calendar is regularly updated, and members of the CEOS Secretariat are requested to continue providing input regarding upcoming events.

Upcoming events

The following external meetings take place in the coming weeks:

AGU 25: 15-19 December 2025 | New Orleans, Louisiana, USA

No CEOS meetings planned for January 2025.

Online CEOS meeting calendar

Upcoming

CEOS

SIT

- **SIT-41** : April 14th - 16th, 2026 | Irvine, California, USA
- **2026 SIT Technical Workshop** : September 8th - 10th, 2026 | Washington, D.C., USA

Plenary

- **40th CEOS Plenary** : November 3rd - 6th, 2026 | Hobart, Australia

Working Groups

- **WGClim-24 & GHG Task Team** : February 9th - 12th, 2026 | Harwell, UK
- **WGDisasters-25 & WGISS-61 Joint meeting** : March 16th - 20th, 2026 | India TBC
- **WGCV-56** : April 20th - 24th, 2026 | Sioux Falls, South Dakota, USA

Virtual Constellations

- **LSI-VC-19** : April 20th - 24th, 2026 | Sioux Falls, South Dakota, USA

External

- **AGU 25** : December 15th - 19th, 2025 | New Orleans, Louisiana, USA
 - **16th Session of Consultative Meetings on High-Level Policy on Satellite Matters (CM-16)** : March 3rd - 4th, 2026 | Geneva, Switzerland
 - **JACIE 2026** : April 13th - 17th, 2026 | Reston, Virginia, USA
 - **2026 GEO Symposium and 21st GEO Plenary** : May 26th - 28th, 2026 | Geneva, Switzerland
 - **COSPAR 2026 - 46th Scientific Assembly of the Committee on Space Research (COSPAR)** : August 1st - 9th, 2026 | Florence, Italy
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CEOS SEC-343 Meeting Written Report

CEOS Entity: SEO

Prepared by: David Borges

New updates, particularly those that would benefit from CEOS SEC awareness, discussion, help and/or guidance:

- CEOS Lists – Email Quarantine Issue
SEO has developed an entirely new listserv system using a new vendor – Groups.io. Testing to date shows the new system experiences the exact same issue with Microsoft Outlook Quarantine. SEO continues to explore other solutions and apologies for the continued inconvenience.
- CEOS GitHub Governance
SEO led a governance meeting on Tuesday, 9 December, to convene experts across multiple WG/VC and establish foundational governance structures for collaborative development. Decisions and actions from the meeting will guide the continued development of this governance structure, increase the adoption of GitHub across CEOS, and inform the creation of tailored training products for the CEOS community.
- CEOS DOI Process Paper
<https://zenodo.org/communities/ceos>
SEO has created a draft DOI Process Paper and is actively developing a CEOS community on Zenodo. SEO will continue to work with Chair and SIT Chair teams to align ongoing development with the update planned in 2026 for the *CEOS Governance and Processes Document*, associated with new CEOS Decision Types. Draft socialization is planned for SIT-41.

Additional points (for written reference only):

- CEOS COVE
Since 2008, the CEOS Visualization Environment (COVE) suite has provided tools to help EO users calculate and visualize satellite coverage, revisits, and more. SEO is now developing CoveLib; an open-source Python library to allow users to perform many analyses locally which were previously only available through COVE portal. A set of composable tools which allow users to perform new analyses and integrate COVE functionality into existing workflows. When complete, the new library will be shared via CEOS GitHub.

Upcoming meetings and events (for written reference only):

- OGC 134th Member Meeting, Pennsylvania USA, 2-5 March 2026
- JACIE 2026, Virginia USA, 13-17 April 2026
- IGARSS 2026, DC USA, 9-14 August 2026
- Cloud Native Geospatial (CNG) Forum, Utah USA, 6-9 October 2026

CEOS SEC-343 Meeting Written Report

CEOS Entity: WGCapD

Prepared by: Daniel A. Matsapola

New updates, particularly those that would benefit from CEOS SEC awareness, discussion, help and/or guidance:

- Following the 39th CEOS Plenary in Bath, UK during 04 – 06 November 2025 that endorsed Christoph Aubrecht from the European Space Agency (ESA) as CEOS WGCapD Vice Chair for one year that runs concurrently with SANSA's 3rd year as WGCapD Chair, the first meeting between WGCapD Chair and Vice Chair took place on the 17th of November 2025.
- The meeting between WGCapD Chair, Vice Chair, and Julia Caufape from the CEOS CEO team took place on 03rd December 2025 to prepare the Work Plan 2025 – 2027 updates alignment before the WGCapD Monthly Meeting for December 2025 that took place the day after on 04th December 2025.
- Christoph Aubrech introduced himself to the WGCapD Community as the WGCapD Vice Chair and shared his initial thoughts on the work to be done during the WGCapD's 04 December 2025 monthly meeting that was attended by Julia Caufape from the CEOS CEO team.
- The CEOS SEC-343 meeting decisions will inform the scheduling of the January and February 2026 WGCapD Monthly Meeting, which traditionally has been scheduled either one week before CEOS SEC meeting or the first Thursday of the month at 13h00 UTC for one hour.
- WGCapD Chair will be reaching out to CEOS to help activate members of the WGCapD Community List who are inactive, while also introducing in 2026 the new CEOS members who have shown interest in participating in the work of WGCapD.

Additional points (for written reference only):

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Upcoming meetings and events (for written reference only):

- CEOS In Schools contribution of WGCapD to continue in 2026
- WGCapD collaboration with WGDisasters was captured in the minutes of the WGDisasters-24 Annual Meeting held in Bariloche, Argentina.
- Invitation to contribute to “**CEOS EO for Humanitarian Aid training course** scheduled to take place from **22-26 March 2026** in Vienna, Austria that is being developed collaboratively by ESA and UNOOSA” was sent out to WGCapD Community and WGDisasters Chair Lorant Czaran of UNOOSA.
- WGCapD will reach out to GEO Indigenous Alliance for possible collaboration, leveraging WGCapD Vice Chair's rich global networks.

CEOS SEC-343 Meeting Written Report

CEOS Entity: WGClimate

Prepared by: Wenying Su

New updates, particularly those that would benefit from CEOS SEC awareness, discussion, help and/or guidance:

1. WGClimate supported CEOS presence at UNFCCC COP30

- At the Earth Information Day Plenary session, Florence Rabier (ECMWF) delivered the CEOS/CGMS report titled “*Advances in sustaining systematic observations and scalable related innovations*”.
- During the breakout session on *Observations for supporting climate action, and the ocean and cryosphere*, Clement Albergel presented on *Observations for GHG inventories and reporting*.
- Kelsey Gray from the Australian Department of Climate Change, Energy, the Environment and Water delivered the CEOS/CGMS Statement during SBSTA-63, on Tuesday, 11 November. Thank you to Kelsey for her flexibility due to schedule changes by UNFCCC, and also to Maejima-san for preparing to serve as an alternate.
- Türkiye will host COP31 in Antalya. Australia will serve as the "President of Negotiations," and co-host the pre-COP leaders’ event in partnership with the Pacific.

2. [SBSTA-63 conclusion on Research and Systematic Observation](#) recognized:

- The vital importance of robust Earth observation systems and related long-term data records for supporting enhanced understanding ...
- The SBSTA noted with appreciation the statements delivered at the joint opening plenary of SB 63 by representatives of the Committee on Earth Observation Satellites and the Coordination Group for Meteorological Satellites Joint Working Group on Climate.
- The SBSTA noted the advances made in, and the need to further enhance, the availability of and access to, interoperable data sets, particularly satellite-based, and encouraged voluntary collaboration between local and regional hubs and global observation systems.
- The SBSTA invited Parties and relevant organizations to submit views on possible themes for and ways to organize Earth Information Day 2026, to be held in conjunction with SBSTA 65 (November 2026), via the submission portal⁷ by 1 August 2026.

3. The agenda for WGClimate-24 (9-12 February, 2026; Harwell, UK) is under development and will be shared with the working group members shortly. The meeting will be held jointly with GCOS, with three joint plenary sessions planned.

Additional points (for written reference only):

- The transition from ECV Inventory v6.0 to CDR Inventory is now complete, and the CDR Inventory is now live online: <https://www.cdrinventory.climatemonitoring.info/>

Upcoming meetings and events (for written reference only):

- WGClimate-24 will be held jointly with GCOS in February 2026, in Harwell, UK.

CEOS SEC-343 Meeting Written Report

CEOS Entity: Working Group on Calibration and Validation (WGCV)

Prepared by: Cody Anderson, WGCV Chair, USGS

New updates, particularly those that would benefit from CEOS SEC awareness, discussion, help and/or guidance:

- WGCV Members attended and presented at VH-RODA 2025 (17-21 November 2025; Frascati, Italy). CEOS topics included the Future of CEOS-ARD, the role of WGCV and CEOS Data Quality Initiatives, Cal/Val Support for Commercial Space, SARCalNet, GCPIX, Surface Reflectance Quality and Consistency, CEOS-ARD Compliance updates, and the CEOS Product Validation Platform (PVP).
- Two publications have been released from the third WGCV Atmospheric Correction Intercomparison eXercise (ACIX-III), [ACIX-III Land](#) and [ACIX-III Aqua](#). The studies compared data from the EnMAP and PRISMA hyperspectral missions with in-situ validation sites.
- WGCV is developing a guidance document following the recommendations and outcomes of last year's Workshop on Pre-flight Calibration and Characterisation of Optical Satellite Instruments. A series of introductory teleconferences have taken place since October 2025 to gather contributors and develop the document's scope. A follow on workshop is considered for 2027.
- The leads of the WGCV Land Product Validation (LPV) Subgroup and the LSI-VC GEOGLAM Subgroup convened on 2 December to begin discussing plans for a joint workshop on evapotranspiration validation. The UN Food and Agriculture Organization (FAO) has offered to host the workshop in Q2 2026.

Upcoming meetings and events (for written reference only):

- WGCV-56 will be held jointly with the LSI-VC-19 Meeting at USGS EROS in Sioux Falls, US from 20-24 April 2026. WGCV Leadership will meet with the LSI-VC Co-leads on 10 December to discuss and agree on the meeting format and date.
- The JACIE 2026 Workshop will be held from 13-17 April 2026 at USGS Headquarters in Reston, Virginia. This is the same week as SIT-41. WGCV Members plan to support a dedicated CEOS-ARD session at the workshop.

CEOS SEC-343 Meeting Written Report

CEOS Entity: WGDisasters

Prepared by: Antonio Montuori (WG Vice-Chair), Lorant Czarán (WG Chair), Andrew Eddy (WG Secretariat)

New updates, particularly those that would benefit from CEOS SEC awareness, discussion, help and/or guidance:

- Activities of main projects and initiatives promoted by WGDisasters are proceeding regularly, namely:
 - G-VEWERS (Volcano Demonstrator project follow on):
 - Data requests, processing and analyses are ongoing over different volcanoes
 - Pre-operational Recovery Observatory:
 - New activations requested
 - Coordination and interaction with International Charter
 - Flood pilot:
 - new modelling analyses carried out wrt flooding events
 - GSNL Supersites:
 - 4 Supersites under renewal (biennial reports received and under evaluation): Iceland, Ecuador, New Zealand and San Andreas Fault NL
 - CyGOS Supersite approved last WG meeting in October: data licenses are under drafting with ASI for CSK-CSG and SAOCOM data provision.
 - Management and coordination activities will be discussed during EGU-26 under UNOOSA facilities.
 - New Seismic Demonstrator:
 - Scientific activities are in place and data request discussion is in place with CNES, DLR and DCT lead.
- New upcoming pilot proposals are under drafting with deadline set by next March 2026:
 - Landslides (link to GSNL projects)
 - Wildfire II (link to broader CEOS and other monitoring activities)
 - Biodiversity (link to broader CEOS activity)
 - Drought (link to NASA SIT Chair priorities)
- Hellenic Space Agency (HSA) has joined WGDisasters.

Additional points (for written reference only): NONE

Upcoming meetings and events (for written reference only):

- WGD25, 16-19 March 2026, Dehradun, India (hosted by ISRO):
 - joint meeting organized with WGISS
 - WGCapD session scheduled in the agenda
 - Discussion with NASA SIT Chair about new priorities (discussion is underway also with ASI)
- WGD26 (date TBD), Rome, Italy (hosted by ASI): updates will be provided by next WGD25

CEOS SEC-343 Meeting Written Report

CEOS Entity: WGISS

Prepared by: Nitant Dube and Damiano Guerrucci

New updates, particularly those that would benefit from CEOS SEC awareness, discussion, help and/or guidance:

- **WGISS-61 will be held as a joint meeting with WGDisasters, March 16-20, 2026 at Indian Institute of Remote Sensing (IIRS), Dehradun, India.** This meeting is hosted by Indian Space Research Organisation (ISRO). Discussion on the Draft agenda of the meeting is initiated. During this meeting the WGDisaster and WGISS will present the AI/ML white paper and discuss Disaster specific use-cases of AI/ML Possible Interoperability Demonstrators will also be discussed during this meeting.
- **The Interoperability Handbook v2.0** was approved by the plenary and a short writeup about Interoperability Handbook v2.0 is prepared for **CEOS Newsletters**.
- Continued support on **WGISS Connected Data Assets** integration for additional connections (UKSA, CSIRO, CNES. Last request from CSA).
- Work in-progress for **CEOS-ARD** Discoverability and Accessibility
- Work on **Interoperability Maturity Matrix** is under progress
- Discussions on **Interoperability Demonstrators** are initiated.

Status of WGISS Deliverables

DATA-24-02	White paper on Software preservation	open	Start: 2024	Completion: 2025 Q3	This white paper would address and recommend techniques to ensure preservation...
DATA-24-01	White Paper on EO Data collections management and governance	closed	2024	2025 Q1	This white paper would address topics including management of data collections...
DATA-24-03	CEOS Interoperability Handbook 2.0	closed	2024	2025 Q1	This Interoperability Handbook would be a revised version of the handbook...
DATA-23-01	AI/ML White Paper	closed	2023	2024 Q4	Use cases of AI/ML technologies for the Earth Observations will be collected,...

- Additional points (for written reference only):
- None.

Upcoming meetings and events (for written reference only):

- **WGISS-61** will be held as a joint meeting with WGDisasters, March 16-20, 2026 in India.