

CEOS SEC-329 Meeting Written Report

CEOS Entity: SIT Chair Team

Prepared by: SIT Chair Team

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

- SIT Chair updated CEOS Principals on the SIT Term priorities at CEOS Plenary. We had a productive exchange in the meeting and in its margins on the climate policy impact topic. We plan to convene another call of CEOS stakeholders in the coming months. And will work closely with UKSA and WGClimate on COP-30 preparations..
- The AFOLU Roadmap actions remain incomplete and we will be working with the co-leads in ESA, NASA and JAXA to address this.
- SIT Chair Team will be arranging a round of update calls with the VCs in late 2024 and early 2025. SEC is welcome to suggest any issues to raise in these calls, including in relation to Plenary discussions.
- At various points over the last few years the SIT Chair has invited reports from the VCs to the monthly CEOS Secretariat meetings. To date these invitations have been somewhat ad hoc and based on current events, milestones, etc. The downside of this approach is that invitations are often short notice. This makes it difficult for VCs to react and plan. As such, the SIT Chair Team is working to establish a clearer [long-term schedule](#) with the VC Co-Leads.
- Reminder of the following action from the 2024 CEOS Plenary: *CEOS-38-11: CEOS agencies or entities willing to assist with Step-C (Detailed Assessment) of the CEOS External Request Process for the UNCCD support request to contact the SIT Chair team. Note: Step-C will assess the specifics of CEOS agency support, data needs, feasibility, priorities, and existing commitments.* Please send any nominations to: jaxa-sit-chair-2024-25@googlegroups.com

Upcoming meetings and events (for written reference only):

- SIT-40 in Fukuoka, Japan week of 7 April 2025
- SIT TW 2025 at EUMETSAT, Darmstadt - week of 8 September 2025

CEOS SEC-329 Meeting Written Report

CEOS Entity: CEO Team

Prepared by: Steven Ramage, November 2024

1. **CEOS 2024-2026 Work Plan and update of deliverables**
Announcements were made at the CEOS Plenary and then a follow-up email was sent on the 6th of November 2024 reminding everyone to update outstanding deliverables. The team has set specific internal deadlines for communication with all Work Plan representatives/responsible persons to ensure the timely update of the outdated deliverables on the tracking tool. Key milestones for these updates are scheduled for the middle of December, helping us maintain an aligned and punctual progress tracking system regarding the 2024 deliverables and any upcoming deliverables.
2. **Followed up on CEOS Plenary actions, supporting the SIT Chair and CEOS Chair and socialising decisions and documents, such as Issue 2 of the GHG Roadmap, the joint CEOS and CGMS COP29 Statement and the CEOS-ARD Strategy.**
3. **Working Group on Capacity Building and Data Democracy**
The CEO team worked with WGCapD members on the status of Work Plan deliverables, addressing outstanding issues, including outdated deliverables and upcoming deliverables for submission. Additionally, WGCapD is exploring ongoing discussions with new potential CEOS members, with updates anticipated at the next coordination meetings. It is noted that WGCapD was absent at the CEOS Plenary.
4. **Working Group on Climate**
Supporting communication with the GEO Secretariat and the GEO Climate Working Group, also supporting connections to UNFCCC, IPCC and WMO with the SIT Chair.
5. **Working Group on Disasters**
Supporting the WG on Early Warning for All and wider communication of other WG efforts, such as the Tonga Disaster Preparedness Pilot.
6. **Working Group on Calibration and Validation (WGCV)**
Supporting the WG to communicate and promote WGCV endorsed the Best Practice Protocol for the Validation of Aerosol, Cloud, And Precipitation Profiles, and events, such as the CEOS WGCV and CGMS-GSICS Workshop on Optical Space Sensor Pre-flight Calibration and Characterisation in November 2024, and VH-RODA in December 2024.
7. **Working Group on Information Systems and Services (WGISS)**
Supporting the WG on the Interoperability Framework and other relevant topics.
8. **The CEO supported the SIT Chair by joining the GEO Executive Committee as an Observer, and several other CEOS agencies were in the meeting as committee members.**

- a. There was a report of the 30th GEO Programme Board, including a debrief on the 2024 GEO Symposium and Open Data Open Knowledge workshop, with an extension agreed for current Programme Board member terms to expire at the GEO Global Forum in May 2025.
 - b. A revised Terms of Reference for the GIDTT [GEO Infrastructure Development Task Team] was agreed upon, this was due to a lack of resources and support from the GEO Secretariat. The action of finalising the GEO Infrastructure Architecture and Identification of Requirements (institutional, financial and governance) needed to implement the architecture was extended for Executive Committee review from November 2024 to April 2025 with an evolved GEO Infrastructure Implementation Plan for 2025-2026 coming 9 months later.
 - c. There was an update on the GEO Post 2025 Strategy Implementation Plan (SIP), The SIP has been developed to deliver the vision set out in GEO's Post 2025 Strategy - Earth Intelligence for All. A stakeholder consultation from May until the end of October 2024 was based around Regional GEO events, the GEO Symposium, bilateral discussions and an online questionnaire. Feedback from these discussions has been used to shape the SIP and to define a set of actions. It was proposed to have a wider consultation in January 2025.
 - i. Planning for the SIP was undertaken concerning four principal "pillars" of activity: the GEO Work Programme; Community and Governance; Communications and Resource Mobilization; and Administration and Operations. These were an operational mechanism to organize the work to develop the SIP and included planning work undertaken by other GEO bodies such as the Programme Board and various task groups.
 - ii. The CEOS community was informed on 24 October that the deadline to submit proposals for the Post-2025 GEO Work Programme has been extended to 15 November 2024. The CEOS Executive Officer was invited to review submissions from GEO AquaWatch and EO4SDG.
 - d. The Italian Space Agency (ASI) presented the ongoing plans for the GEO Global Forum, which will be held from 5 to 9 May 2025 in Rome, Italy.
 - e. There was also a debrief from GEO's presence at the UN Conference of the Parties in Cali, Colombia with the UN Convention on Biodiversity, GEO BON and the GEO Secretariat. This will be useful for the CEOS biodiversity study team.
 - f. There was also a Pacific Island Advisory Group (PIAG) report which will also be useful for the CEOS SEO and the SDG Coordination Group.
9. For information, a notable [intervention](#) from the Chair of the Intergovernmental Panel on Climate Change (IPCC) from the opening session of Earth Information Day at the Climate COP 29 in Baku regarding the connection between Earth Observations and IPCC.

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

Upcoming events/invitations

WGCV SAR Workshop 2024

12-15 November 2024 Ahmedabad, India

Workshop on Pre-flight Calibration and Characterisation of Optical Satellite Instruments for Earth Observation

19-22 November 2024 Noordwijk, Netherlands

Twenty-ninth session of the Conference of the Parties (COP29)

United Nations Framework Convention on Climate Change (UNFCCC)

11-22 November 2024 Baku, Azerbaijan

Fifth UN World Data Forum 2024

12-15 November 2024 Medellín, Colombia

VH-RODA 2024

2-6 December 2024 Frascati, Italy

FOSS4G 2024

2-8 December 2024 Belem, Brazil

Sixteenth session of the Conference of the Parties (COP16)

United Nations Convention to Combat Desertification (UNCCD)

2-13 December 2024, Riyadh, Saudi Arabia

Ramsar Convention Earth Observation Day

6 December 2024 Gland, Switzerland

AGU 24

9 -13 December 2024 Washington DC, USA

Online meeting calendar

Upcoming

CEOS

SIT

- **SIT-40** : April 8th - 10th, 2025 | Fukuoka, Japan
- **2025 SIT Technical Workshop** : September 9th - 11th, 2025 | Darmstadt, Germany

Plenary

- **39th CEOS Plenary** : November 4th - 6th, 2025 | Bath, UK

Working Groups

- **WGC SAR Workshop 2024** : November 12th - 15th, 2024 | Ahmedabad, India
- **Workshop on Pre-flight Calibration and Characterisation of Optical Satellite Instruments for Earth Observation** : ESA-ESTEC | November, 2024
- **WGClimate-22 & GHG Task Team** : February 11th - 13th, 2025 | Harwell, UK
- **WGISS-59** : March 24th - 28th, 2025 | Bangkok, Thailand
- **WGISS-60** : October 13th - 17th, 2025 | Oberpfaffenhofen, Germany

Virtual Constellations

- **LSI-VC-17** : April 14th - 16th, 2025 | Tsukuba, Japan

External

- **UNFCCC COP-29** : November 11th - 24th, 2024 | Baku, Azerbaijan
- **Fifth UN World Data Forum 2024** : November 12th - 15th, 2024 | Medellín, Colombia
- **FOSS4G 2024** : December 2nd - 8th, 2024 | Belem, Brazil
- **VH-RODA 2024** : December 2nd - 6th, 2024 | Frascati, Italy
- **UNCCD COP16** : December 2nd - 13th, 2024 | Riyadh, Saudi Arabia
- **Ramsar Convention on Wetlands, Earth Observation Day** : December 6th, 2024 | Gland, Switzerland
- **AGU 24** : December 9th - 13th, 2024 | Washington DC, USA
- **AMS Annual Meeting** : January 12th - 16th, 2025 | New Orleans, Louisiana, USA
- **17th European Space Conference** : January 28th - 29th, 2025 | Square, Brussels
- **BIOSPACE25 Conference** : February 10th - 14th, 2025 | Frascati, Italy
- **40th International Symposium on Remote Sensing of the Environment (ISRSE40)** : March 17th - 21st, 2025 | Farnborough, UK
- **JACIE 2025 Workshop** : April 7th - 11th, 2025 | Virginia, USA
- **GEO Global Forum** : May 5th - 9th, 2025 | Rome, Italy
- **CGMS-53** : June 3rd - 5th, 2025 | Europe
- **ESA Living Planet Symposium 2025** : June 23rd - 27th, 2025 | Vienna, Austria
- **IGARSS 2025** : August 4th - 8th, 2025 | Brisbane, Australia
- **76th International Astronautical Congress** : September 29th - October 3rd, 2025 | Sydney, Australia
- **UNFCCC COP-30** : November 10th - 21st, 2025 | Brazil
- **AGU 25** : December 15th - 19th, 2025 | New Orleans, Louisiana, USA

CEOS SEC-317 Meeting Written Report

CEOS Entity: Working Group on Capacity Building and Data Democracy (WGCapD)

Prepared by: Daniel A. Matsapola (WGCapD Chair)

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

- WGCapD monthly meeting held 07 November 2024
- Focused on updating the Work Plan 2024 – 2026 open items
- December meeting will focus on new Work Plan deliverables.

Additional points (for written reference only):

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Upcoming meetings and events (for written reference only):

- CEOS WGCapD monthly meeting – 05 December 2024
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CEOS SEC-329 Meeting Written Report

CEOS Entity: Working Group on Climate

Prepared by: Wenying Su

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

- *Wenying Su is traveling back to the U.S. today after attending the Conference of the Parties (COP) from November 11 to 13.*
- *At COP, Wenying moderated the Earth Information Day breakout session on “Observations for climate change mitigation” and provided an expert contribution on space-based greenhouse gas observations during the breakout session.*
- *The UK Space Agency (UKSA) requested that the WGClimate group record a short video highlighting the vital role of Earth observation in supporting climate monitoring and decision-making. Vincent-Henri Peuch recorded the video for UKSA.*
- *A request was sent on October 27, 2024, to CEOS and CGMS to review the 2024 Gap Analysis Report and the 2024 Coordinated Action Plan. Please send your review feedback to Joerg Schulz (Joerg.Schulz@eumetsat.int) by November 22, 2024.*
- *GCOS (Global Climate Observing System) held a consultation meeting with WGClimate to gather feedback on the GCOS Essential Climate Variable (ECV) rationalization process and the proposed new ECV list.*
- *Key outcomes of this work are the removal of anthropogenic ECVs (GHG emissions and water use) and the introduction of four cross-panel ECVs: CH₄ and short-lived GHG, CO₂ and long-lived GHG, albedo, and turbulent heat fluxes. This reorganization has also streamlined the ECV list, reducing it from 55 to 42.*
- *The public review of the new ECV list is scheduled for 2025, with the final ECV list to be formalized in the GCOS Implementation Plan in 2028.*
- *WGClimate members are currently reviewing the proposed ECVs and associated quantities, with feedback due to GCOS in early December 2024.*

Additional points (for written reference only):

- *WGClimate will have an internal call on Nov. 19th, 2024.*

Upcoming meetings and events (for written reference only):

- *WGClimate has been invited to present virtually on its current activities and recent developments at the UNOOSA Workshop on Space for Environmental and Climate Change. This presentation is scheduled for November 20, 2024. Wenying will give the presentation.*

CEOS SEC-326 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:

- The CEOS SAR Calibration and Validation Workshop 2024 is currently taking place at ISRO SAC in Ahmedabad, India from 12-15 November 2024. The workshop addresses the calibration of current and future SAR missions, Cal/Val sites and requirements, novel SAR concepts, and SARCalNet.
- Next week, the Workshop on Pre-flight Calibration and Characterisation of Optical Satellite Instruments for Earth Observation takes place at ESA ESTEC in Noordwijk, The Netherlands from 19-22 November 2024. The workshop has 218 registrants and will feature 23 oral presentations and 24 poster presentations. Each oral presentation covers a different theme of pre-flight calibration and characterisation.

Additional points (for written reference only):

Upcoming meetings and events (for written reference only):

CEOS SEC-329 Meeting Written Report

CEOS Entity: WGISS

Prepared by: Tom Sohre, Chair

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

- *Nothing Significant to Report.*

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Additional points (for written reference only):

- [Draft minutes and actions](#) have been distributed to WGISS/WGCV members from WGISS-54 / WGCV-58.

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Upcoming meetings and events (for written reference only):

- *WGISS-59, March 24-28, 2025, Bangkok Thailand.*
- *WGISS-60, October 13-17, 2025, Oberpfaffenhofen Germany*

CEOS SEC-329 Meeting Written Report

CEOS Entity: WG on Disasters

Prepared by: L.A. Frulla, Lorant Czaran, Andrew Eddy

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

- *The actions resulting from the WG Disasters 22 meeting have been reviewed and are now being integrated into the deliverables of the Work Plan under review.*
- *A third doodle was sent for the teleconference of the subgroup of Early Warnings for All. We offered a couple of days a week from November 13th to December 6th. However, so far only the 50 % of the subgroup have responded. I am thinking of doing it on December 3rd.*

Additional points (for written reference only):

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Upcoming meetings and events (for written reference only):

- *The WG Disasters 23 meeting will be held in March (dates TBC) in Italy at the invitation of the National Institute of Geophysics and Volcanology (INGV). A doodle was sent to identify the best dates for all the group and the results are being compiled and in the next days we will define the timeframe of the meeting*
- *The WG Disasters 24 meeting will be held in September (dates TBC) in Argentina at the invitation of CONE, and we are thinking of San Carlos de Bariloche, Río Negro Province in the South of Argentina.*