

## **CEOS SEC-323 Meeting Written Report**

**CEOS Entity: CSA – CEOS Chair**

**Prepared by: Eric Laliberté**

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

- On June 10-11, a 2-day meeting was hosted at UNCBD headquarters in Montreal, Canada. Participants included UNCBD, GEO BON, CSA CEOS Chair team and other groups interested in a better coordination of the biodiversity ecosystem – namely FAO and UNSEEA). Next steps are to develop a joint statement highlighting areas of collaboration. Such statement will be used to promote the intent of the group to enhance collaboration on common topics (and activities) of interest.
- CSA is preparing a document that presents a proposal for what the next steps should be in order to ensure a long-term presence of biodiversity as a priority theme within the CEOS governance.

Additional points (for written reference only):

Upcoming meetings and events (for written reference only):

- CEOS plenary: please make sure to register as soon as possible. Confirm side meetings requests
- Preparation for the plenary is ongoing (agenda, logistics, side meetings)
- There will be 2 social evening activities. On Tuesday October 22<sup>nd</sup> and Wednesday October 23<sup>rd</sup>.

## CEOS SEC-323 Meeting Written Report

CEOS Entity: SIT Chair Team

Prepared by:

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

- All CEOS agencies encouraged to register for the SIT TW in Sydney in September”  
<https://ceos.org/meetings/2024-sit-technical-workshop/>
- Logistics information has been circulated
- Requests for side meetings can be made via the meeting page
- SIT Tech Workshop in-progress draft agenda provided as attachment for SEC awareness and discussion at SEC-323

Additional points (for written reference only):

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Upcoming meetings and events (for written reference only):

- *SIT TW is 17-19 Sep in Sydney.*
- Save the date issued for SIT-40 in Fukuoka, Japan week of 7 April 2025

## CEOS SEC-323 Meeting Written Report

CEOS Entity: CEO Team

Prepared by: Steven Ramage, July 2024

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1. CEOS 2024-2026 Work Plan  
Ongoing review of deliverables and associated actions.
2. Working Group on Capacity Building and Data Democracy  
The CEO team (Irena) presented Earth Observation Maturity Indicators, also being used by the Group on Earth Observations (GEO) for their [National Coordination Mechanism](#).
3. GEO engagement
  - a) Participation in the GEO Programme Board with extensive discussion around the Post 2025 GEO Work Programme and preparing input for the GEO Executive Committee (ExCom), as well as an update on the plans for the GEO Symposium, Open Data and Open Knowledge Workshop and the on-site Programme Board in China; it seems highly likely that the CEO will be one of the very few CEOS attendees in [China](#).
  - b) CEO also attended the intersessional (virtual) ExCom which addressed the Post-2025 Strategy Implementation Plan (SIP) Project and Engagement Plan - there was a feedback session acknowledging input to the plan. This is broader than the reimagined work programme, it also includes GEO Communications and Resource Mobilization; GEO Secretariat Administration and Operations; and GEO Community and Governance.
    - i. There was also a presentation from Italy GEO as the host for a proposed GEO Global Forum entitled “The Earth Talks” from 5-9 May 2025 in Rome, Italy.
    - ii. An in-person retreat for members of the ExCom by SRI executive training on 5 November 2024 in Geneva; based on the Programme Board retreat, it is the CEO’s preference not to attend this retreat – for discussion with the SIT Chair.
4. WMO engagement  
Continued background liaison with Natalia Donohoe and Gianpaolo Balsamo on CEOS coordination topics, the latter now fully engaged on the GHG Roadmap.
5. CEOS biodiversity  
Supporting the Ecosystem Extent Task Team (EETT) with communication to UN CBD regarding the next steps with GEO (following the Montreal meeting at CBD offices).
6. Working Group on Disasters  
Supporting how CEOS can work on the biodiversity topic linked to disasters, including nature-based solutions. CEO plans to attend WG-Disasters22 in Budapest, Hungary.
7. 2024 IEEE International Geoscience and Remote Sensing Symposium (IGARSS)

The CEO team (Irena and Steven) participated in IGARSS 2024 at the CEOS booth with Symbios and NASA SEO, as well as various CEOS Member Agencies also in attendance. There was interest in joining CEOS from space agencies below where the CEO team will follow up on:

- Azerbaijan
- Cyprus
- Greece

8. Action SIT-39-01

The CEO team has developed an initial methodology to assess the impact of the various CEOS activities in the Work Plan, in response to a request by NOAA at the SIT-39 Plenary. The key results are to be presented at the SIT TW in Sydney.

Upcoming events/invitations

**2024 SIT Technical Workshop**

17-19 September 2024, Sydney, Australia

**2024 GEO Symposium and the Open Data and Open Knowledge (ODOK) Workshop**

This includes several events with the GEO Programme Board at the end of the week.

23-27 September 2024, Hangzhou, Zhejiang Province of China.

**WGDisasters-22**

30 September - 4 October 2024, Budapest, Hungary

**WGCV-54 & WGISS-58 Joint meeting**

15-18 October 2024, USGS EROS, Sioux Falls, South Dakota, USA

**38th CEOS Plenary**

22-24 October 2024, Montreal, Canada

## Online meeting calendar

### Meetings

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#### Upcoming

##### CEOS

##### SIT

- **2024 SIT Technical Workshop** : September 17th - 19th, 2024 | Sydney, Australia
- **SIT-40** : April 8th - 10th, 2025 | Fukuoka, Japan
- **2025 SIT Technical Workshop** : September 9th - 11th, 2025 | Darmstadt, Germany

##### Plenary

- **38th CEOS Plenary** : October 22nd - 24th, 2024 | Montreal, Canada
- **39th CEOS Plenary** : November 4th - 6th, 2025 | Bath, UK

##### Working Groups

- **WGDisasters-22** : September 30th - October 4th, 2024 | Budapest, Hungary
- **WGCV-54 & WGISS-58 Joint meeting** : October 15th - 18th, 2024 | Sioux Falls, SD, USA
- **WGCV 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

##### Virtual Constellations

- **LSI-VC-16** : September 23rd - 25th, 2024 | Canberra, Australia
- **AC-VC-20** : October 14th - 18th, 2024 | College Park, MD, USA

##### External

- **COSPAR 45** : July 13th - 21st, 2024 | Busan, South Korea
- **IPWG-11** : July 15th - 18th, 2024 | Tokyo, Japan
- **GPM 10th Anniversary Symposium** : July 19th, 2024 | Tokyo, Japan
- **Advancing Earth Observation Forum (AEO24)** : September 9th - 13th, 2024 | Adelaide, Australia
- **GEO Symposium and GEO Open Data and Open Knowledge Workshop** : September 23rd - 26th, 2024 | China
- **GEO Programme Board Meeting #29** : September 27th, 2024 | China
- **EUMETSAT Meteorological Satellite Conference** : September 30th - October 4th, 2024 | Würzburg, Germany
- **75th International Astronautical Congress (IAC)** : October 14th - 18th, 2024 | Milan, Italy
- **International Coordination Group for Spaceborne SAR workshop** : November 6th - 8th, 2024 | Ureshino, Japan
- **UNFCCC COP-29** : November 11th - 24th, 2024 | Baku, Azerbaijan
- **AGU24** : December 9th - 13th, 2024 | Washington DC, USA
- **GEO Global Forum** : May 5th - 9th, 2025 | Rome, Italy
- **IGARSS 2025** : August 4th - 8th, 2025 | Brisbane, Australia

## CEOS and relevant key meetings and events 2024

Start Date	End Date	Meeting/Telecon	Location
<b>January</b>			
23.Jan.24	24.Jan.24	16th European Space Conference	Brussels, Belgium
28.Jan.24	01.Feb.24	2024 AMS Annual Meeting	Baltimore, USA
29.Jan.24	09.Feb.24	UNCOPUOS STSC 61st Session	Vienna, Austria
<b>February</b>			
06.Feb.24	07.Feb.24	WMO consultative meeting on high-level policy on satellite matters	Geneva, Switzerland
13.Feb.24	16.Feb.24	AGU Chapman on Remote Sensing of the Water Cycle	Honolulu, USA
<b>March</b>			
04.Mar.24	07.Mar.24	WGISS-57	Sydney, Australia
05.Mar.24	06.Mar.24	GEO Programme Board Meeting #28	Geneva, Switzerland
05.Mar.24	08.Mar.24	WGCV-53	Córdoba, Argentina
06.Mar.24	07.Mar.24	Earth Observation for Soil Protection and Restoration workshop	Frascati, Italy
11.Mar.24	14.Mar.24	JACIE 2024	Reston, Virginia, USA
12.Mar.24	14.Mar.24	UN-SPIDER space technologies and early warning systems	Bonn, Germany
19.Mar.24	22.Mar.24	WGDisasters-21	Buenos Aires, Argentina
25.Mar.24	27.Mar.24	WG CapD	Mexico City, Mexico
<b>April</b>			
03.Apr.24	05.Apr.24	LSI-VC-15	Tokyo, Japan
09.Apr.24	11.Apr.24	SIT-39	Tokyo, Japan
10.Apr.24	12.Apr.24	2024 UN Ocean Decade Conference	Barcelona, Spain
14.Apr.24	19.Apr.24	EGU General Assembly	Vienna, Austria
16.Apr.24	17.Apr.24	GEO Executive Committee Meeting #63	Geneva, Switzerland
23.Apr.24	26.Apr.24	EUSAR-2024	Munich, Germany
<b>May</b>			
14.May.24	16.May.24	Geolignite	Montreal, Canada
16.May.24	17.May.24	SatSummit 2024	Washington DC, USA
28.May.24	30.May.24	National Forum on Earth Observation	Montreal, Canada
<b>June</b>			
04.Jun.24	06.Jun.24	CGMS-52 Plenary	USA
16.Jun.24	21.Jun.24	Understanding Risk Forum 2024	Himeji, Hyogo Prefecture, Japan
17.Jun.24	20.Jun.24	3rd World Biodiversity Forum	Davos, Switzerland
19.Jun.24	28.Jun.24	UN COPUOS 67th Session	Vienna, Austria
<b>July</b>			
07.Jul.24	12.Jul.24	IGARSS 2024	Athens, Greece
13.Jul.24	21.Jul.24	COSPAR 45	Busan, South Korea
15.Jul.24	18.Jul.24	IPWG-11	Tokyo, Japan
19.Jul.24	19.Jul.24	GPM 10th Anniversary Symposium	Tokyo, Japan
22.Jul.24	25.Jul.24	ARD24	San Francisco, USA
<b>August</b>			
		TBD	
<b>September</b>			
09.Sep.24	13.Sep.24	Advancing Earth Observation Forum (AEO24)	Adelaide, Australia
17.Sep.24	19.Sep.24	SIT Technical Workshop and Associated Side Meetings	Sydney, Australia
23.Sep.24	26.Sep.24	GEO Symposium and GEO Open Data and Open Knowledge Workshop	China
27.Sep.24	27.Sep.24	GEO Programme Board Meeting #29	China
30.Sep.24	04.Oct.24	EUMETSAT Meteorological Satellite Conference	Würzburg, Germany
<b>October</b>			
14.Oct.24	18.Oct.24	75th International Astronautical Congress (IAC)	Milan, Italy
22.Oct.24	24.Oct.24	38th CEOS Plenary and Associated Side Meetings	Montreal, Canada
<b>November</b>			
06.Nov.24	08.Nov.24	International Coordination Group for Spaceborne SAR workshop	Ureshino, Japan
11.Nov.23	24.Nov.23	UNFCCC COP-29	Azerbaijan
19.Nov.24	21.Nov.24	Workshop on Optical Space Sensor Pre-flight Calibration and Characterisation	Noordwijk, Netherlands
<b>December</b>			
<b>Legend:</b>			
CEOS leadership participation required			
For information; CEOS leadership participation optional			

## **CEOS SEC-323 Meeting Written Report**

**CEOS Entity:** Joint CEOS-CGMS Working Group on Climate (WGClimate)

**Prepared by:** Jeff Privette (NOAA), Wenying Su (NASA)

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

- Climate Policy Impact Meetings (Mtg 2 scheduled : June 13; follow-up to SIT-39 Session)
  - Actively collecting GST1 lessons-learned; Will summarize at SIT TW
  - COP-29 Statement: Collecting inputs on space-driven climate advances
    - Call issued to VC leads -- please encourage inputs within agencies
    - Draft to be released for CEOS, CGMS review ~ September 1
  - Next meeting: July 22
- Space Agency Response to GCOS Implementation Plan
  - Assigned contributors just pinged by email; please encourage prompt follow-ups
- WGClimate-21 (Fall): Re-assessing plan to meet in Montreal, polling likely travelers
- GCOS Steering Committee Meeting - Outbrief
  - 3 new climate indicators proposed: Earth energy imbalance, ecosystem drought, and terrestrial carbon storage; Adds to existing 7.
  - Chartered ECV rationalization task team to assess existing ECVs, gaps, groupings, and process transparency and coherence

Additional points (for written reference only):

- Draft Gap Analysis Report and Coordinated Action Plan: draft expected by SIT TW
- ECV Inventory -- Proceeding with v5 update (Late 2025)

Upcoming meetings and events (for written reference only):

- CEOS SIT Tech. Workshop. September 17-19, Sydney, Australia (Jeff and Wenying travel)
- CEOS Plenary, Oct. 22-24, Montreal (Jeff and Wenying travel)
- COP-29, Nov. 11-24, Azerbaijan (TBD travel)
- WGClimate-22, 10-13 Feb. 2025, Harwell, UK (Save-the-date email issued)

## CEOS SEC-323 Meeting Written Report

CEOS Entity: WG on Disasters

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

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

- *Regarding Biodiversity, WG Disasters had a teleconference especially dedicated to this topic on July 1. On the one hand, we agreed to have another meeting before the WG Disasters 22 in Budapest. On the other hand, we plan to propose a specific Biodiversity and Disasters Pilot project during the next year. However, to arrive to this goal much work remains to do to coordinate with others and ensure the pilot is well related to disasters and biodiversity topics. The main idea is to apply the biodiversity indicators ISRO already has developed using Earth Observation data and apply or adapt them to some selected sites in different representative regions of the world. In principle, ISRO has agreed to co-lead the pilot, but we need to find an institution to co-lead it jointly with ISRO. Now we are looking for it.*
- *In relation to EW4All, in the last WG Disasters teleconf 36 we coordinated a subgroup to follow this topic and Rui Kotani (from GEO) had become a part of this subgroup. We are inviting all the main representatives of this topic, that is, the United Nations Office for Disaster Risk Reduction (UNDRR), the World Meteorological Organization (WMO), the International Telecommunication Union (ITU) and the International Federation of Red Cross and Red Crescent Societies (IFRC). The idea is to discuss this topic all together in order to have a clearer vision of the opportunities for cooperation. Therefore, WG Disasters will not have anything to add until the WG Disasters 22 meeting, which is after the SIT TW meeting. Anyway, it would be good if the SIT Chair and the CEOS CEO could lead a discussion among all CEOS attendees during the next SIT TW meeting in September. In this sense, some lines may arise if other CEOS Working Groups can cooperate in this topic because EW4All is a cross-cutting issue for all of us and very important.*

Additional points (for written reference only):

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Upcoming meetings and events (for written reference only):

- *The WG Disasters 22 will be in Budapest from October 1 to 4 and will be hybrid.*



## CEOS SEC-323 Meeting Written Report

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

**Prepared by:** Daniel A. Matsapola, WGCapD Chair

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

Additional points (for written reference only):

Upcoming meetings and events (for written reference only):

- EOTEC DevNet Floods Working Group Meetings
  - Africa region – July 17 (13:00-14:15 UTC)
  - Americas region – July 17 (16:00-17:15 UTC)
  - Asia-Oceania region – July 18 (04:00-05:15 UTC)
  - Europe region – July 18 (13:00-13:15 UTC),
  
- [Afrigeo Symposium](#): August 12-15, Nairobi
- [Amerigeo Week 2024](#): August 26-30, Quito, Ecuador
- [Aogeo Symposium](#): September 2-5, Tokyo, Japan
- [Eurogeo Workshop](#): October 8-10, Krakow, Poland

## **CEOS SEC-323 Meeting Written Report**

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

**Prepared by:** Philippe Goryl, WGCV Chair, ESA

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

- The joint WGCV-WGISS meeting planning continues. Anyone planning to attend who has not yet registered is asked to register ASAP to ensure access to EROS can be granted. Meeting information will be posted on the WGCV/WGISS joint meeting page here: <https://ceos.org/meetings/wgcv-54-wgiss-58/>

Additional points (for written reference only):

- The SITSat (SI-traceable satellite) Task Team under WGCV is considering holding a side meeting alongside WGCV-54. This group has been established to promote coordination between agencies that are planning this emerging class of missions.
- Pre-flight Calibration workshop planning progress continues, receiving 55 abstracts which are being distributed for review by the scientific committee. The first of an intended series of workshops will bring together experts on instrument calibration and characterisation to discuss the applications of instruments in the solar reflective and thermal infrared spectra (UV-SWIR and TIR). <https://atpi.eventsair.com/pre-flight-calibration-workshop>

Upcoming meetings and events (for written reference only):

- WGCV-54 meeting will be held in USGS, Sioux Falls, South Dakota, USA from 15-18 October 2024.
- Workshop on Pre-flight Calibration and Characterisation of Optical Satellite Instruments for Earth Observation will be held at ESTEC, Noordwijk, The Netherlands from 19-22 November 2024.
- Metrology for Climate Action and the Environment: first stakeholder meeting in September 2024, Sevre. WGCV presentation.

## **CEOS SEC-323 Meeting Written Report**

**CEOS Entity:** Working Group on Information Systems & Services (WGISS)

**Prepared by:** Tom Sohre, WGISS Chair

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

- WGISS-58 registration open: <https://ceos.org/meetings/wgcv-54-wgiss-58/>

Additional points (for written reference only):

- WGISS has initiated a review of internal mailing lists with WGISS principals. Soliciting interest in WGISS interest groups at the same time.
- WGISS is updating the existing WGISS Terms of Reference (last updated 2015), specifically to address outdated stakeholder section.

Upcoming meetings and events (for written reference only):

- WGISS-58 will be held 15-18 October 2024 in Sioux Falls, South Dakota, USA. This will be a joint meeting with WGCV.
- Discussing potential meeting dates and venues for WGISS-59 and WGISS-60
  - WGISS-59 potential date: week of March 24, 2025
  - WGISS-60 potential date: week of October 6, 2025

## **CEOS SEC-323 Meeting Written Report**

**CEOS Entity:** SEO

**Prepared by:** Dave Borges

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

- SEO successfully hosted our CEOS exhibition booth at IGARSS 2024 in Athens, Greece last week. Turnout and engagement at the booth, and across the subset of conference agenda items led by CEOS members, was high. A newsletter article containing some photos and key takeaways will be posted this week.
- SDG Coordination Group is working to finalize response (per External Request Process Paper process) to UNCCD Letter of Enhanced Cooperation which highlighted the value of ongoing support activities of the SDG Coordination Group, and requested additional support related to several specific topics.
- The SDG Coordination Group is represented and contributing to a UN Committee of Experts on Global Geospatial Information Management (UN-GGIM) IAEG-SDG Working Group on Geospatial Information (WGGI) White Paper to be shared with the UNSC IAEG-SDG and at UN-GGIM 14<sup>th</sup> Session in New York in August. This activity may offer the opportunity to fundamentally change how a subset of SDG indicators are currently produced, and potentially could provide novel and innovative techniques from Earth observations and other geospatial data more broadly across national reporting. Dave Borges will attend 14<sup>th</sup> Session and multiple SDG-focused Side Meetings.

Additional points (for written reference only):

- SEO has created a new CEOS Organizational GitHub: <https://github.com/ceos-org>. Intent is to aggregate all CEOS activities under this single banner. Membership is open to all, please request membership and notify SEO with any questions.

Upcoming meetings and events (for written reference only):

- Committee of Experts on Global Geospatial Information Management (UN-GGIM) Fourteenth Session, New York, 5-9 August.