

## **CEOS SEC-317 Meeting Written Report**

**CEOS Entity:** SIT Chair Team

**Prepared by:** JAXA SIT Chair Team

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

- *SIT Chair team is focusing on the planning and framing of the 2 year term ahead, and the SIT-39 meeting in April in particular.*
- Calls have been initiated with the thematic experts and teams that will help drive the SIT Chair agenda and priorities, starting with the NASA Biomass Harmonization group last week. Calls will continue through February and into March with other key individuals including Climate Policy experts, GHG Task Team leads, and the AFOLU Team.
- The SIT Chair is preparing CEOS perspectives for the WMO Consultative Meeting (WMO CM) (Feb 6-7, Geneva). WMO expectations, outcomes of the meeting & WMO major priorities to the space-based observations are EW4ALL, GGGW, Earth System Monitoring/Climate Change, and Unified Data Policy implementation.

Additional points (for written reference only):

None

Upcoming meetings and events (for written reference only):

- VC catch-ups are planned for February. All VC leads are asked to respond to the availability poll. Sec support in securing a response from agency contacts is welcomed.
- SIT-39 will be held 9 - 11 April in Tokyo. A draft agenda will be shared with the SEC in mid-February before going to CEOS in early March.
- SIT TW will be held 17 - 19 September in Sydney.
- The SIT Chair will attend the WMO Consultative Meeting on High-Level Policy on Satellite Matters (6-7 February 2024) on behalf of CEOS.

## **CEOS SEC-317 Meeting Written Report**

**CEOS Entity:** CEO

**Prepared by:** Steven Ramage, 16 January 2024

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### Ongoing activities since SEC-316

1. Handover with former CEO, as well as initial calls with SEO, SIT Chair, and CEOS Chair
2. Contacted all CEOS entities expected to contribute to the CEOS Work Plan 2024-2026.
3. Supporting CEOS WG Disasters and CEOS WG Capacity Development
4. Working with emerging economies, speaking with space agencies from Africa, Asia, and Latin America (existing and new, potential members).
5. Developing commercial EO approach, building on CEOS paper and 2-pager from ESA.
6. Developing CEOS communications (internal and external); notably 40th anniversary.
7. Supporting work around interoperability linking to Analysis Ready Data and geospatial reporting indicators via the Open Geospatial Consortium (OGC) and UNCCD.

### Upcoming events/invitations

#### **WMO CM-15 High-Level Policy on Satellite Matters** (confirmed)

This is the first time since 2018 that this meeting will take place and the Head of Space Systems at WMO, Natalia Donohoe is bringing the new WMO leadership to participate in the meeting. There will be numerous CEOS agencies there and the CEO has also been invited.

6-7 Feb 2024, Geneva, Switzerland.

CEOS Leadership: Yes. Online: No

#### **Association for Geographic Information** (confirmed)

CEO will be the keynote speaker, as previously shared.

26-27 Feb 2024, Glasgow Scotland. Online: No

#### **Group on Earth Observations (GEO) • GEO Programme Board** (confirmed)

An ad hoc visit was made to the GEO Secretariat while meeting with WMO (in the same building) on 11 January. The GEO work programme coordinator was on vacation and the GEO Secretariat director had just left the building. No other contact has been made.

5-6 March 2024, Geneva, Switzerland.

CEOS Leadership: Yes. Online: No

### **Geospatial Commission policy roundtable** (for review)

Invitation from the national geospatial coordination body in the UK, they are also developing a national EO Data Hub including satellite data from CEOS agencies, as well as the private sector. The UK Space Agency (UKSA) may be there, but the CEO has been invited as an international participant (representing external views). Good opportunity to meet with UKSA, as well as other UK stakeholders, e.g. the Met Office and the National Centre for Earth Observation (NCEO).  
26-27 March 2024, London, UK.

CEOS Leadership: Yes. Online: No

### **UNOOSA 6th conference on space technology for water management** (for review)

The meeting is focused on water and the water-food nexus, it's an open invitation for someone to attend in person or remotely (initially invited the CEO). Need to confirm alignment with CEOS Work Plan, e.g. biodiversity, COAST, and sustainable development goals (SDGs).  
7-10 May 2024, Costa Rica.

CEOS Leadership: No. Online: Yes

### **7th High-Level Forum of United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM)** (for review)

Early to mid-October 2024 in Mexico City, this international forum will bring together national statistical, mapping, and space agencies, the programme is being developed in the coming months. This links closely to the SDGs, as well as the World Data Forum. A key goal would be the inclusion of satellite data in the Integrated Geospatial Information Framework (IGIF).

CEOS Leadership: Yes. Online: TBC

### **World Data Forum** (invitation by FAO) (for review)

This is closely linked to the work of UN-GGIM and also bringing together the statistical and mapping community with space agencies. The CEO was invited to be included in their submission to meet the deadline, however it should be the CEOS Chair or another who attends.  
18-21 Nov, Bogota, Colombia.

CEOS Leadership: Yes. Online: TBC

## 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
<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>			
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
<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-317 Meeting Written Report**

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

**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:

- *WGCapD held its first meeting on 16 January 2024, outside the normal schedule of first Thursday of the month due to Chair's vacation schedule. The schedule will return to normal going forward.*

Additional points (for written reference only):

- Collaboration discussions with other CEOS Working Groups ongoing.
- Two of the 2024 – 2026 Work Plan items have already been discussed.

Upcoming meetings and events (for written reference only):

- CEOS WGCapD Annual Meeting to be held mid-March 2024 (exact dates still to be decided through a Doodle poll as well as possible CEOS agency to host it, failure to which it will be virtual).

# CEOS SEC-317 Report

18 Jan 2024

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

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

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## Updates on issues raised during the last CEOS SEC teleconference

- WGClimate-20 developments
  - Tentative dates: March 26-28th (to be confirmed upon securing space)
  - Location: Boulder, Colorado
- Initiated Vice Chair nomination process
  - Request for nominations sent to CEOS XO and CGMS Secretariat for forwarding to respective memberships
  - Must be from meteorological agency per Terms of Reference (rotates)
- SANSa named two individuals to WGClimate: Dr. Lerato Shikwambana (Primary) and Ms Nale Mudau. Welcome!

## Issues requiring discussion during current CEOS SEC teleconference

- 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)**

- Resuming the restructuring of ECV Inventory (paused for contract lapse)
- Resuming work on Space Agencies Response to GCOS Implementation Plan
- Early discussions on possible COP-29 Side Event
- Initiated renovation of website presences (CEOS, CGMS, climatemonitoring.info)

## Upcoming meetings or events

**(Dot points, e.g. meetings, conferences of relevance, visits; TBC=To Be Confirmed)**

- WGClimate-20, March 26-28th, Boulder (TBC)
- CEOS SIT-39, 9-11 April 2024, Tokyo
- CGMS-52 Working Group II, 22-26 April 2024, Darmstadt
- CGMS Plenary, June 4-6: Madison, WI (TBC)
- CEOS SIT Tech. Workshop. September 17-19, Sydney, Australia
  - may schedule WGClimate-21 alongside
- CEOS Plenary, Oct. 22-24, Montreal
- COP-29, Nov. 11-24, Azerbaijan

## CEOS SEC-317 Meeting Written Report

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

**Prepared by:** Philippe Goryl

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

- WGCV is seeking Vice Chair nominations for the term 2025-2026 and to subsequently serve as the WGCV Chair for 2026-2027. SEC assistance is requested to help spread the word. Nominations will need to be presented at the WGCV-53 meeting on March 5-8. WGCV Chair can be contacted for more details on the nomination process and responsibilities.

Additional points (for written reference only):

- Preparation for WGCV-53 is progressing well. The draft objectives and agenda are in development. WGCV-53 will focus on supporting CEOS Chair priority on Biodiversity, follow up on the recommendations of the New Space Task Team white paper, subgroups reports, WGCV Vice-chair nomination presentations, reviewing FRM assessment framework pilot assessments, progress of the SITSat Task Team, and the development of radiometry and Ground Control Points (GCP) match-up databases.
- Monthly meetings are being held to prepare the [Workshop on Pre-flight Calibration and Characterisation of Optical Satellite Instruments for Earth Observation](#) (ESA-ESTEC; November, 2024). A Scientific Committee representing individuals from the public and private sector has been established. A kick-off meeting of the Scientific Committee is planned for 22 February 2024. A dedicated Workshop website is under development. The registration form link and meeting website will be shared soon.
- Nigel Fox and Yolanda Shea will be leading the SITSat Task Team ([details](#)). The first meeting under their leadership is scheduled for 8 February 2024.
- WGCV was well represented at the Very High-resolution Radar & Optical Data Assessment (VH-RODA) 2023 Workshop held in ESA-ESRIN, Italy, from 27 - 30 November 2023. WGCV's contributions, through SARCaINet and RADCaINet, along with SITSat, play significant roles by offering references, methods, and documentation to facilitate cal/val works in the New Space domain. WGCV initiatives received positive feedback at VH-RODA.

Upcoming meetings and events (for written reference only):

- The WGCV-53 meeting will be held in Córdoba, Argentina from 5-8 March 2024. Registration form link [here](#).
- 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.

## **CEOS SEC-317 Meeting Written Report**

**CEOS Entity:** WG 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:

- First teleconference of the Working Group on Disasters was held on January 15th. All projects presented their update and the action were reviewed. In particular two new proposals were presented: 1) Tonga Preparedness (leads: UN-SPIDER, Tonga NEMO; secretary: Athena Global) which was accepted as a new pilot project, and 2) New activity definition of the Seismic Demonstrator (presented by Philippe Bally from ESA). In this last case, the approval will be decided in March in the framework of the Working Group meeting number 21.

Additional points (for written reference only):

Upcoming meetings and events (for written reference only):

- The WG on Disasters meeting number 21 will be in Buenos Aires next March from 19-22.



## **CEOS SEC-317 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:

- No topics for discussion from WGISS.

Additional points (for written reference only):

- WGISS Tech Exploration Interest Group coordinating with WGCapD to explore interest in AI/ML training. WGISS Data Stewardship Interest Group has already been collaborating with WGCapD regarding a joint webinar.
- WGISS Interoperability Interest Group leadership has transitioned to Nitant Dube. A data call will be forthcoming to solicit Factor champions for each of the Interoperability Framework Factors. Champions will lead efforts to develop v2.0 Interoperability Handbook as well as identify demonstrator Interoperability efforts.

Upcoming meetings and events (for written reference only):

- WGISS-57 will be held 4-7 March 2024 in Sydney, Australia. [Meeting information](#) is available on the WGISS website along with the [Registration link](#).
- WGISS-58 is planned for 15-18 October 2024 in Sioux Falls, South Dakota, USA.

## CEOS SEC-317 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:

- Communications Team is developing a 2024 implementation plan based on the new CEOS Communications Strategy, endorsed at Plenary. Team will be reaching out to CEOS members in the coming months, requesting content review and input.
- [CEOS Analytics Lab](#) Introduction and Overview webinar is being planned for February timeframe. WG and VC leadership are invited to express interest; attendance will be open to entire CEOS community.
- SEO is planning a training event during SatSummit conference with Radiant Earth Foundation, focused on cloud native geospatial topics to include CEOS ARD OG and OGC/ISO ARD Standards Working Group (SWG) progress. Please contact Dave Borges if any CEOS members plan to attend SatSummit or wish to contribute to the planning process. Call for speakers [submission](#) deadline is Friday, 19 January.

Additional points (for written reference only):

- SDG Coordination Group has undertaken several actions, following Plenary side meeting:
  - Organized a meeting with new WGCapD leadership to discuss joint deliverables, and address SANSAs request to contribute to CG; in this context, SANSAs will nominate several experts to join the CG and contribute to the delivery of our work plan objectives.
  - Outlined new 2024 deliverables to include renewed outreach with other WGs (Disasters, Climate) and Ecosystem Extent Task Team to explore joint opportunities related to SDGs.
  - Actively contributing to UN-GGIM IAEG SDG Working Group on Geospatial Information (WGGI) "Rescuing the SDGs" paper, ensuring inclusion of EO capabilities as 'non-traditional sources'.
  - Regarding Pacific engagement related SDG 15.3.1, the CG intends to work closely with the CEO to continue supporting PICTs through SPC in refining their satellite data requirements.

Upcoming meetings and events (for written reference only):

- SatSummit 2024, Washington D.C., 15-17 May
- SEO will attend IGARSS 2024 (Athens Greece) and is evaluating the opportunity to host a dedicated CEOS exhibition booth, 8-12 July