**2022 CEOS Plenary Objectives & Agenda**

**Version 1.0 (22 Nov. 2022)**

**29 November – 1 December 2022**

**HYBRID MEETING – Remote Connection Details on Last Page**

**\*\* ATTENDANCE AS PART OF OFFICIAL CEOS AGENCY DELEGATION ONLY \*\***

Each year, the CEOS Plenary focuses on decisions to be made by Principals in consultation with the CEOS community to advance the mission, vision, and objectives of CEOS across the wide range of activities undertaken by its 5 Working Groups, 7 Virtual Constellations, and various subsidiary groups including *ad hoc* teams. The Plenary agenda is based on the priority business underway, and it is informed by the outcomes and discussions of the SIT-37 meeting (March 2022) and the CEOS SIT Technical Workshop (September 2022). In addition, the Plenary provides a forum for consideration of new activities in consideration of existing commitments, priorities, resourcing needs, and CEOS Agency engagement.

**Objectives**

Specific objectives of the 2022 CEOS Plenary include:

1. **Review the outcomes of the CNES 2022 CEOS Chair theme**: *“Paths to Sustainability: From Strategy to Practical Measures”*.
2. Reach an agreement on **a long-term and equitable plan for CEOS Executive Officer continuity.**
3. **Consider endorsement of nominees for the Vice Chair roles of WGCV and WGClimate** (and the subsequent Chair terms).
4. Provide an opportunity for CEOS Principals to hear updates from **CEOS Working Groups (WGs) and Virtual Constellations (VCs)**. Evaluate the following specific items:
   1. Consider endorsement of the **Atmospheric Composition Virtual Constellation (AC-VC) whitepaper:** “[*Monitoring Surface PM2.5: An International Constellation Approach to Enhancing the Role of Satellite Observations*](https://ceos.org/document_management/Meetings/Plenary/36/Documents/1.18_Aerosols-AQ_WhitePaper_1.0_9-nov-2022.pdf)*”.*
   2. Consider an action for LSI-VC to lead further development of the concept of a **CEOS Interoperability Framework**.
   3. Consider endorsement of the updated **WGCV Terms of Reference**.
   4. **EOTEC DevNet Sustainability Plan:** [**Sustainability Plan Draft**](https://docs.google.com/document/d/19R5PC0Yg5Gu6RaPHP5nWMs4l6_iMHXkuC_CyaRWZIlM/edit)
5. New Space: Consider endorsement of **Terms of Reference for a CEOS ‘New Space’ Task Team**.
6. Consider an action to prepare a way forward for increased coordination on **CEOS engagement with standards organisations**.
7. Review the latest developments on **ARD standards based on CEOS-ARD specifications**.
8. Climate & Carbon: Review the significant amount of work being undertaken by a number of CEOS Agencies and entities in **support of climate and the UNFCCC Paris Agreement**, including the **GHG & AFOLU Roadmaps**, and **CEOS cooperation with IMEO**.
   1. Consider the request for the **additional resources needed to advance the development of the AFOLU Roadmap**.
9. Sustainable Development Goals (SDGs): Review the way forward for the **CEOS SDG team and its 2023+ deliverables, activities, and resources**.
10. Biodiversity: Consider the proposal **for an Ecosystem Extent Task Team**. If endorsed, identify contributors for the activity.
11. Consider the proposal for a further **one-year extension of the CEOS Coastal Observations Applications Services and Tools (COAST) *Ad Hoc* Team**.
12. Review the Ocean Coordination Group’s recommendations regarding the coordination of CEOS ocean-related activities and **consider endorsement of an extension of the Ocean Coordination Group for another 6-12 months.**
13. Welcome the **Geo-Informatics and Space Technology Development Agency (GISTDA, Thailand) as CEOS Chair for 2023** and discuss GISTDA’s priorities for the coming year.

**Week at a Glance**

The Plenary meeting will take place over two days, from 30 November to 1 December, and will be preceded by a side meeting day on the 29th of November. A ‘Week at a Glance’ can be found below.

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| **Tuesday, November 29** | **Wednesday, November 30** | **Thursday, December 1** |
| Side Meetings:   * CEOS SEC-300 (closed) * Biodiversity Activity – Ecosystem Extent Proposal * GISTDA: New Space * SDG Coordination * COVERAGE | Welcome and Core Business  Climate and Carbon  Working Groups  Virtual Constellations | New Space & Future CEOS  Sustainable Development  Biodiversity  Oceans  CEOS Agency Reports  SEO Annual Report  MIM Database Report  CEOS Leadership Transitions  CEOS 2022 Year in Review  Closing Business |

**Documents and Supporting Materials for Decision/Endorsement Items**

* 1.4: [CSA 2024 CEOS Chair Candidate Letter](https://ceos.org/document_management/Meetings/Plenary/36/Documents/1.04_CEOS_Chair_candidate_Letter_to_CNES.pdf)
* 1.6: [Long-term and equitable plan for CEOS Executive Officer continuity](https://docs.google.com/presentation/d/1jk4dEgUAcs08PDyvnWU6O166XFEzm94z/edit?usp=sharing&ouid=117023330514006103074&rtpof=true&sd=true)
* 1.13: Nomination for WGClimate Vice Chair (Wenying Su of NASA)
  + [Nomination Letter](https://ceos.org/document_management/Meetings/Plenary/36/Documents/1.13_Vice%20Chair%20Nomination_Joint%20CEOS-CGMS%20WGClimate_2022%20March%2021_Final.pdf)
* 1.14: Nomination for WGCV Vice Chair (Cody Anderson of USGS)
  + [Nomination Letter](https://ceos.org/document_management/Meetings/Plenary/36/Documents/1.14_CEOS_USGS_WGCV_Nomination_Anderson.pdf)
  + [Decisions from WGCV-51](https://docs.google.com/document/d/1pASyIAA-YbBGeOKQy_g7lvOQ8cNpMtei/edit?usp=sharing&ouid=117023330514006103074&rtpof=true&sd=true)
* 1.14: Updated WGCV Terms of Reference
  + [Document with Track Changes](https://docs.google.com/document/d/1ekt4_BGphO40SA51fow49pW-j2DtF-U1/edit?usp=sharing&ouid=117023330514006103074&rtpof=true&sd=true)
  + [Decisions from WGCV-51](https://docs.google.com/document/d/1pASyIAA-YbBGeOKQy_g7lvOQ8cNpMtei/edit?usp=sharing&ouid=117023330514006103074&rtpof=true&sd=true)
* 1.19: [Monitoring Surface PM2.5: An International Constellation Approach to Enhancing the Role of Satellite Observations](https://ceos.org/document_management/Meetings/Plenary/36/Documents/1.19_Aerosols-AQ_WhitePaper_1.0_9-nov-2022.pdf)
* 2.3: [Terms of Reference for a CEOS ‘New Space’ Task Team](https://ceos.org/document_management/Meetings/Plenary/36/Documents/2.3_Terms%20of%20Reference_%20CEOS%20New%20Space%20Task%20Team%20V0-2.docx)
* 2.4: [CEOS Standards Organisation Engagement (LSI-VC, CEOS-ARD Oversight Group) (See slide 8)](https://docs.google.com/presentation/d/1thdrkZbPKv-sJN9IG7FlQ_-TQECNmHELbgiicz1k5l4/edit?usp=sharing)
* 2.5: [CEOS Interoperability Framework (LSI-VC) (See slides 3 & 16)](https://docs.google.com/presentation/d/17y0nfONslKV1-6si4aYf0FTanMYUMRgQp3ZNHgILnjY/edit?usp=sharing)
* 2.7: [CEOS Ecosystem Extent Task Team TOR V20221115](https://ceos.org/document_management/Meetings/Plenary/36/Documents/2.7_CEOS_Ecosystem_Extent_Task_Team_TOR_V20221115.docx)
  + Supporting document: [Ecosystem Extent Task Team Draft Proposal](https://ceos.org/document_management/Meetings/Plenary/36/Documents/2.7_CEOS_EcosystemExtentTT_Draft_Proposal_V2022-11-18.docx)
* 2.8: [Extension of the Ocean Coordination Group for another 6-12 months](https://docs.google.com/presentation/d/1w6CNubhMm7V9Zk2nPBTj8fQVnYRqmP9k/edit#slide=id.g16f2322609c_0_0)
* 2.10: 1-year extension of the COAST Ad Hoc Team [[PDF](https://ceos.org/document_management/Meetings/Plenary/36/Documents/2.10_CEOS%20COAST%20Request%2011.11.22.pdf)][[DOC](https://ceos.org/document_management/Meetings/Plenary/36/Documents/2.10_CEOS%20COAST%20Request%2011.11.22.docx)]

**Side Meeting Schedule**

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| **Time** | **Side Meeting Room #1** | **Side Meeting Room #2** |
| **08:00 – 08:30** |  |  |
| **08:30 – 09:00** |  |  |
| **09:00 – 09:30** | CEOS SEC-300 *(closed)* |  |
| **09:30 – 10:00** |  | Biodiversity Activity – Ecosystem Extent Proposal |
| **10:00 – 10:30** |  |
| **10:30 – 11:00** |  |
| **11:00 – 11:30** |  | GISTDA: New Space *(closed)* |
| **11:30 – 12:00** |  |
| **12:00 – 12:30** |  |  |
| **12:30 – 13:00** |  |  |
| **13:00 – 13:30** |  |  |
| **13:30 – 14:00** |  |  |
| **14:00 – 14:30** | SDG Coordination |  |
| **14:30 – 15:00** |  |
| **15:00 – 15:30** | CEOS-ARD Oversight Group *(closed)* |
| **15:30 – 16:00** |
| **16:00 – 16:30** |  | COVERAGE |
| **16:30 – 17:00** |  |
| **17:00 – 17:30** |  |  |

**2022 CEOS PLENARY AGENDA**

**Day 1: Wednesday, November 30**

Location: Atlantique Room

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| **Arrival / Teleconference Open** | | | **30 min before start time** |
| **Session 1: Welcome and Core Business (09:00 – 10:50)** | | | |
| 1.1 | 09:00 | Welcome, Opening Remarks, Agency Introductions *(CEOS Chair Team)* | 20 min |
| 1.2 | 09:20 | Surface Water and Ocean Topography (SWOT) Mission Pre-Launch Update *(Rosemary Morrow, CNES; Nadya Vinogradova Shiffer, NASA)*   * *Principal Investigator and project team presentations* | 30 min |
| 1.3 | 09:50 | CEOS Chair Team Review of Matters for Decision or Endorsement *(CEOS Chair Team)* | 5 min |
| 1.4 | 09:55 | Agency Nomination for 2024 CEOS Chair *(Eric Laliberté, CSA)* *(For Endorsement)* [[Letter](https://ceos.org/document_management/Meetings/Plenary/36/Documents/1.4_CEOS_Chair_candidate_Letter_to_CNES.pdf)]   * Discussion and decision *(5 min)* | 15 min |
| 1.5 | 10:10 | CEOS Executive Officer (CEO) Report *(Marie-Claire Greening)*   * CEOS Organisation, Roles and Responsibilities * 2022-2024 CEOS Work Plan Progress | 15 min |
| 1.6 | 10:25 | CEOS Executive Officer Continuity *(CEOS Chair Team)*   * Decision: Long-term and equitable plan for CEOS Executive Officer continuity *(For Endorsement)* [[Slides](https://docs.google.com/presentation/d/1jk4dEgUAcs08PDyvnWU6O166XFEzm94z/edit?usp=sharing&ouid=117023330514006103074&rtpof=true&sd=true)] | 15 min |
| 1.7 | 10:40 | Group on Earth Observations (GEO) Secretariat Report *(Laurent Durieux)*   * GEO’s partnership with CEOS on global action for local impact | 10 min |
| **10:50: Group Photo + Break** | | | **30 min** |
| **Session 2: Climate and Carbon (11:20 – 13:10)** | | | |
| 1.8 | 11:20 | SIT Chair Priority Synthesis Report *(ESA SIT Chair Team)*   * CEOS Global Stocktake Strategy Action Status * CEOS GST Data Portal Updates | 20 min |
| 1.9 | 11:40 | GHG Roadmap Update *(Mark Dowell, EC-JRC)* | 20 min |
| 1.10 | 12:00 | AFOLU Roadmap *(Ben Poulter, NASA; Remote)*   * New developments in advancing the AFOLU Roadmap | 20 min |
| 1.11 | 12:20 | CEOS Cooperation with IMEO *(ESA SIT Chair Team)*   * Update on CEOS Agency contributions and actions required | 20 min |
| 1.12 | 12:40 | New GCOS Implementation Plan and Satellite Supplement *(Anthony Rea, WMO)* | 10 min |
| 1.13 | 12:50 | CEOS/CGMS Working Group on Climate (WGClimate) *(Albrecht von Bargen, DLR)*   * COP27 and SBSTA Report * ECV Inventory * GCOS Implementation Plan update * Recent activities * Decision: Nomination for WGClimate Vice Chair (Wenying Su of NASA; [Letter](https://ceos.org/document_management/Meetings/Plenary/36/Documents/1.12_Vice%20Chair%20Nomination_Joint%20CEOS-CGMS%20WGClimate_2022%20March%2021_Final.pdf)) (For Endorsement) | 20 min |
| **13:10: Lunch** | | | **90 min** |
| **Session 3: CEOS Working Groups and Virtual Constellations (14:40 – 17:05)** | | | |
| 1.14 | 14:40 | Working Group on Calibration & Validation (WGCV) *(Akihiko Kuze, JAXA)*   * Decision: Nomination for WGCV Vice Chair (Cody Anderson of USGS; [Letter](https://ceos.org/document_management/Meetings/Plenary/36/Documents/1.13_CEOS_USGS_WGCV_Nomination_Anderson.pdf)) (For Endorsement) * Decision: Updated WGCV Terms of Reference [[Document](https://docs.google.com/document/d/1ekt4_BGphO40SA51fow49pW-j2DtF-U1/edit?usp=sharing&ouid=117023330514006103074&rtpof=true&sd=true)] *(For Endorsement)* | 20 min |
| 1.15 | 15:00 | Working Group on Information Systems & Services (WGISS) *(Makoto Natsuisaka, JAXA)* | 20 min |
| 1.16 | 15:20 | Working Group on Capacity Building and Data Democracy (WGCapD) *(Jorge Del Rio Vera, UNOOSA)*   * EOTEC DevNet Sustainability Plan *(For Information)* | ​​20 min |
| 1.17 | 15:40 | Working Group on Disasters (WGDisasters) *(Helene DeBoissezon, CNES)* | 20 min |
| **16:00: Break** | | | **20 min** |
| 1.18 | 16:20 | Virtual Constellation Synthesis Report *(ESA SIT Chair Team)*   * Summary highlights of progress and issues from all CEOS Virtual Constellations * LSI-VC GEOGLAM Subgroup: GEOGLAM Capacity Development Guidance Document *(For Information)* | 35 min |
| 1.19 | 16:55 | Atmospheric Composition Virtual Constellation (AC-VC) (Ben Veihelmann, ESA)   * Decision: Consider endorsement of the whitepaper: *“*[*Monitoring Surface PM2.5: An International Constellation Approach to Enhancing the Role of Satellite Observations*](https://ceos.org/document_management/Meetings/Plenary/36/Documents/1.18_Aerosols-AQ_WhitePaper_1.0_9-nov-2022.pdf)*” (For Endorsement)* | 10 min |
| **Adjournment of Day 1** | | | **17:05** |

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| **Hosted Dinner**  Location: Casino Municipal  19:00 – 19:30: Welcome Cocktail  19:30: Dinner |

**Day 2: Thursday, December 1**

Location: Atlantique Room

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| **Joint CEOS & Oceania Geospatial Symposium (OGS) Special Session**  08:00 – 09:00  [Information Note](https://ceos.org/document_management/Meetings/Plenary/36/Documents/CEOS%20OGS%20Session%20Information%20Note_fin.pdf)   * Demonstration of CEOS activities applicable to Oceania and the Pacific Islands * CEOS & GEO Collaboration * Communication of needs from Oceania Geospatial Symposium (OGS) members * Understanding observation requirements and user structures in Oceania and the Pacific Islands * UN Sustainable Development Goals (SDGs) |

Location: Atlantique Room

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| **Teleconference Open** | | | **30 min before start time** |
| **Session 4: New Space and Related Topics (09:00 – 10:20)** | | | |
| 2.1 | 09:00 | SIT Chair ‘New Space’ Synthesis Report *(ESA SIT Chair Team)*   * Key findings and outcomes from SIT-37 and SIT Technical Workshop 2022 | 20 min |
| 2.2 | 09:20 | SEO Report on the SatSummit 2022 Conference *(Brian Killough, SEO/NASA)* | 10 min |
| 2.3 | 09:30 | Proposal for a ‘New Space’ Task Team *(ESA SIT Chair Team)*   * Decision: [Terms of Reference for a CEOS ‘New Space’ Task Team](https://ceos.org/document_management/Meetings/Plenary/36/Documents/2.3_Terms%20of%20Reference_%20CEOS%20New%20Space%20Task%20Team%20V0-2.docx) *(For Endorsement)* | 20 min |
| 2.4 | 09:50 | CEOS Standards Organisation Engagement *(Andreia Siqueira, LSI-VC Co-Lead)*   * Decision: Action for CEOS to prepare a way forward for increased coordination on standards organisations engagement *(For Endorsement)* [[Slides](https://docs.google.com/presentation/d/1thdrkZbPKv-sJN9IG7FlQ_-TQECNmHELbgiicz1k5l4/edit?usp=sharing)] * Update on CEOS involvement in the OGC ARD Standards Working Group *(For Information)* | 20 min |
| 2.5 | 10:10 | CEOS Interoperability Framework *(LSI-VC)*   * Decision: Action for CEOS to develop the concept of a CEOS Interoperability Framework with other interested parties (e.g., WGISS, WGCV) and to come back with a concrete proposal for SIT-38 consideration. *(For Endorsement)* [[Slides](https://docs.google.com/presentation/d/17y0nfONslKV1-6si4aYf0FTanMYUMRgQp3ZNHgILnjY/edit?usp=sharing)] * LSI-VC Interoperability Task Team * CEOS Common Dictionary | 20 min |
| **10:30: Break** | | | **20 min** |
| **Session 5: Sustainable Development, Biodiversity, Oceans (10:50 – 12:20)** | | | |
| 2.6 | 10:50 | CEOS Sustainable Development Goals (SDG) Coordination Team *(Brian Killough, CEOS SEO)*   * 2022 review * 2023+ deliverables, activities, resources | 20 min |
| 2.7 | 11:10 | CEOS & Biodiversity *(Marie-Josée Bourassa, CSA; Gary Geller, NASA/JPL)*   * Decision: Proposal for a CEOS Ecosystem Extent Task Team *(For Endorsement)* [[Ecosystem Extent Task Team draft proposal](https://ceos.org/document_management/Meetings/Plenary/36/Documents/2.7_CEOS_EcosystemExtentTT_Draft_Proposal_V2022-11-18.docx)] [[CEOS Ecosystem Extent Task Team TOR V20221115](https://ceos.org/document_management/Meetings/Plenary/36/Documents/2.7_CEOS_Ecosystem_Extent_Task_Team_TOR_V20221115.docx)] * Discussion: Contributors for the Ecosystem Extent Task Team | 30 min |
| 2.8 | 11:40 | Coordination of CEOS Ocean-related Activities *(Ivan Petiteville, ESA SIT Chair Team)*   * Decision: Extension of the Ocean Coordination Group for another 6-12 months *(For Endorsement)* [[Slides](https://docs.google.com/presentation/d/1w6CNubhMm7V9Zk2nPBTj8fQVnYRqmP9k/edit?usp=sharing&ouid=117023330514006103074&rtpof=true&sd=true)] | 20 min |
| 2.9 | 12:00 | COVERAGE *(Vardis Tsontos, NASA/JPL)*   * Longer-term sustainability of this CEOS initiative *(For Information)* | 10 min |
| 2.10 | 12:10 | Coastal Observations Applications Services and Tools (COAST) *Ad Hoc* Team (Paul DiGiacomo, NOAA)   * Decision: 1-year extension of the COAST *Ad Hoc* Team [[PDF](https://ceos.org/document_management/Meetings/Plenary/36/Documents/2.10_CEOS%20COAST%20Request%2011.11.22.pdf)][[DOC](https://ceos.org/document_management/Meetings/Plenary/36/Documents/2.10_CEOS%20COAST%20Request%2011.11.22.docx)] *(For Endorsement)* | 20 min |
| **12:30: Lunch** | | | **90 min** |
| **Session 6: CEOS Agency Reports (14:00 – 15:30)** | | | |
| 2.11 | 14:00 | CEOS Agency Reports *(5 minutes each, For Information):*   * NIER * CNES (Selma Cherchali) * FAO (Matieu Henry) * NOAA (Stephen Volz) * GISTDA (Tanita Suepa) * NASA (Julie Robinson) * ESA * GA (Andreia Siqueira) * CSIRO (Alex Held) * EUMETSAT (Phil Evans) * USGS (Tim Stryker) * UNOOSA (Jorge Del Rio Vera) * DLR (Klaus Schmidt) * CSA (Eric Laliberté) * JAXA (Takeshi Hirabayashi) | 90 min |
| **Break and CEOS 2022 Year in Review Video** | | | **30 min** |
| **Session 7: CEOS Leadership Transitions and Closing Business (16:00 – 17:30)** | | | |
| 2.12 | 16:00 | 2022 CEOS Chair Priorities – Report on Outcomes *(CEOS Chair Team)*   * WGDisasters Recovery Observatory (RO) transition toward the operational phase * Network of thermal infrared cal/val sites * CEOS UNFCCC/GST support | 15 min |
| 2.13 | 16:15 | CEOS Systems Engineering Office (SEO) Annual Report *(Brian Killough, SEO/NASA)*   * SEO activities * CEOS communications | 10 min |
| 2.14 | 16:25 | CEOS Missions, Instruments and Measurements (MIM) Database Report *(Ivan Petiteville, ESA)* | 10 min |
| 2.15 | 16:35 | CEOS Chair Transition *(CNES 2022 CEOS Chair Team and GISTDA 2023 CEOS Chair Team)* | 10 min |
| 2.16 | 16:45 | GISTDA 2023 CEOS Chair Presentation *(Pakorn Apaphant, GISTDA 2023 CEOS Chair)*   * Priority themes | 15 min |
| 2.17 | 17:00 | Summary Presentation / Review of Session Outcomes *(CNES 2022 CEOS Chair Team)*   * Review of Preliminary Action and Decision Record | 20 min |
| 2.18 | 17:20 | Closing Remarks *(CNES 2022 CEOS Chair Team)* | 10 min |
| **Adjournment of Day 2 and the 36th CEOS Plenary** | | | **17:30** |

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| **Meetings Open Only to the CEOS Secretariat and CEOS Troika Members**  Location: Atlantique Room  18:00: 301st CEOS Secretariat Meeting (SEC-301)  *Led by the 2023 CEOS Chair*  18:30: CEOS Troika  *Led by the 2023 CEOS Chair*  19:00: Adjournment |

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