**CEOS SIT Technical Workshop & Side Meetings**

**12th – 15th September 2016**

**Oxford, UK**

The SIT Technical Workshop is intended to review CEOS progress against the current Three-Year Work Plan, to prepare topics for CEOS 2016 Plenary, and consolidate CEOS contributions and reporting to major 2016 events and their key stakeholders.

Specific objectives of the 2016 SIT Technical Workshop, structured around expected outcomes fromthe CEOS Three-Year Work Plan (in particular those due in 2016), and actions from SIT-31 and the 29th CEOS Plenary, include:

1. Advancement of the CEOS Virtual Constellations (VCs) and Working Groups (WGs)
2. Consult with VCs and WGs, including via a dedicated day (Tuesday 13th) prior to the Workshop, and identify areas for coordination and cooperation within and between the groups.
3. Identify key issues for the VCs and WGs that require coordination prior to discussion and decision as an input to CEOS Plenary.
4. Debate of the preliminary conclusions and recommendations of the two Ad-hoc Teams established by CEOS Chair for 2016 – on *Future Data Architectures* and *Non-meteorological Applications of Next-generation Geostationary Satellites –* and provide guidance to the Co-Chairs in concluding their reports ahead of CEOS Plenary. Side meetings of these Teams is foreseen on Monday 12th.
5. Review progress and status across key thematic areas of the Expected Outcomes, in particular items due for decision or action at Plenary:
6. Climate Monitoring, Research, and Services (incl. WGClimate)
7. Carbon Observations, Including Forested Regions (incl. GFOI and SDCG, Carbon Strategy) – with a Carbon Strategy side meeting proposed for Monday 12th.
8. Observations for Agriculture (incl. GEOGLAM)
9. Observations for Disasters (incl. WGDisasters)
10. Observations for Water
11. Capacity Building, Data Access, Availability and Quality (incl. WGCapD, WGISS, and WGCV)
12. Support to Other Key Stakeholder Initiatives and Outreach to Key Stakeholders.
13. GEO-XIII Plenary
14. Reporting to COP-22
15. UN Sustainable Development Goals (SDG) process
16. Continuation of several of the SIT-31 Themes in relation to several of the above, including: existing Thematic Acquisition Strategies, Future Partnerships, the relationship with GEO and coordination in relation to new requirements through GEO, and Future Data Architectures and removing obstacles to data uptake.
17. Discussion of any CEOS organisational issues that require coordination prior to CEOS Plenary.
18. Identification of main discussion points and anticipated outcomes of the 30th CEOS Plenary in Brisbane.

**Week at a Glance**

*Week of Monday 12th September (timings to be confirmed when all meeting applications have been received and attendance reconciled with room sizes).*

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| **Monday 12th** | | | **Tuesday 13th** | **Wednesday 14th** | **Thursday 15th** |
| Future Data Architectures Ad-hoc Team | GEOGLAM  Ad-hoc WG | UN SDGs | VC-WG Day (including Carbon Strategy Session)  ***INVITATION ONLY*** | SIT Tech Workshop | SIT Tech Workshop |
| Non-Meterological Applications Ad-hoc Team | LSI-VC | Water |
| CEOS SEC |
|  | | |  | *Host Dinner* |  |

**Monday 12th September – Side Meetings**

Morning Reception: Foyer A Ruth Deech Building

Coffee breaks: 10:30-11:00 and 15:30-16:00 at Foyer A Ruth Deech Building

Hosted buffet lunch: 13:00-14:00 in Dining Hall

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| Time\* | Meeting | Room | Point of Contact |
| 09:00 – 12:00 | Future Data Architectures Ad Hoc Team | Seminar Room 5 | CEOS Chair |
| 09:00 – 12:00 | GEOGLAM Ad Hoc WG | Seminar Room 3 | B Doorn / S Cherchali |
| 10:00 – 12:00 | UN Sustainable Development Goals (SDGs) | Seminar Room 1 | MJ Bourassa |
| 13:00 – 16:00 | LSI-VC | Seminar Room 5 | LSI-VC Leads |
| 13:00 – 16:00 | Non-Meteorological Ad Hoc Team | Seminar Room 1 | CEOS Chair |
| 14:00 – 16:00 | Water Constellation Feasibility Study Team | Seminar Room 3 | C Ishida |

*\* Times to be confirmed.*

**Tuesday 13th September – VC/WG Day, Tsuzuki Lecture Theatre**

Logistics information: TBA

***NOTE:*** *The VC/WG Day meeting attendance is by invitation only in an effort to keep the group size manageable and promote open discussion. Meeting rooms 3/5/6 are available to the CEOS persons not participating in the VC/WG Day.*

Morning Reception: Foyer A Ruth Deech Building

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| Time\* | Meeting | Point of Contact |
| 09:00 – 12:30 | VC/WG Day (including Carbon Strategy session)  ***INVITATION ONLY*** | JL Fellous, M Dowell |
| 12:30 – 13:30 | Lunch |  |
| 13:30 – 17:00 | VC/WG Day (continued)  ***INVITATION ONLY*** | JL Fellous |
| 17:00 – 18:00 | CEOS SEC | CEOS Chair |

*\* Times to be confirmed.*

**Wednesday 14th September**

*Workshop Day 1*

*Tsuzuki Lecture Theatre*

08:30 – 09:00 Reception (Foyer A Ruth Deech Building)

**Session 1 Workshop Opening**

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| 1: | 09:00 – 09:20 | SIT Chair Introduction   * Workshop objectives and agenda * Continuity of SIT-31 themes * *Tour de Table* | S Briggs |
| 2: | 09:20 – 09:35 | 2016 Plenary Themes | CEOS Chair (CSIRO) |
| 3: | 09:35 – 09:50 | Incoming Themes for 2017 | Incoming CEOS Chair (USGS) |

**Session 2 Continuation of SIT-31 Themes**

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| 4: | 09:50 – 10:20 | Future partnerships | SIT Chair Team |

10:20 – 10:45 Break and Photo

**Session 3 Continuation of SIT-31 Themes (continued)**

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| 5: | 10:45 – 11:15 | CEOS Data Cube Initiative   * Review of 3-Year Work Plan * Discussion of Future Plans and Future Endorsement | SEO/B Killough |
| 6: | 11:15 – 11:45 | Analysis Ready Data   * Review of CARD4L draft from LSI-VC * Discussion of Future Endorsement | A Lewis/LSI-VC |
| 7: | 11:45 – 12:00 | LSI-VC user requirements survey   * CEOS agency top-level mission thematic requirements gathering | LSI-VC Leads |
| 8: | 12:00 – 12:15 | CEOS Information Systems survey | I Petiteville |

**Session 4 2016 *Ad Hoc* Teams**

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| 9: | 12:15 – 13:00 | Future Data Architectures (FDA) preview of report conclusions and Plenary recommendations   * Including discussion of Plenary approach | FDA Leads |

13:00 – 14:00 Lunch

**Session 4 2016 *Ad Hoc* Teams (continued)**

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| 10: | 14:00 – 14:45 | Non-Meteorological Applications (NMA) preview of report conclusions and Plenary recommendations   * Including discussion of Plenary approach | NMA Leads |

**Session 5 GEO and Related Thematic Areas**

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| 11: | 14:45 – 14:55 | GEO Status Report   * Overall status update * Update on [GD-08](https://www.earthobservations.org/activity.php?id=62) and [GI-18](https://www.earthobservations.org/activity.php?id=52) | O Ochiai |
| 12: | 14:55 – 15:10 | GEO Programme Board Report   * CEOS perspective and next steps for CEOS | J Ross |
| 13: | 15:10 – 15:30 | GEO Executive Committee Report | S Briggs |

15:30 – 15:45 Break

**Session 5 GEO and Related Thematic Areas (continued)**

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| 14: | 15:45 – 16:00 | GFOI and SDCG   * Global Data Flows Study | SDCG SEC |
| 15: | 16:00 – 16:15 | Agriculture (GEOGLAM) | B Doorn |
| 16: | 16:15 – 16:30 | Disasters | S Chalifoux |
| 17: | 16:30 – 17:10 | Water   * Overall status of CEOS and GEO Water strategies * Brief update on constellation Feasibility Study * GEOGLOWS | SIT Chair Team   C Ishida  B Doorn |
| 18: | 17:10 – 17:20 | Carbon | SIT Chair |
| 19: | 17:20 – 17:30 | GEO-XIII Plenary preparations and inputs | J Ross |
| 20: | 17:30 – 18:00 | UN Sustainable Development Goals (SDGs) approach and process | CEOS Chair, SIT Chair |

18:00 Adjourn no later than 18:00

*18:30 - Host dinner at Atrium and Randolph Sculpture Gallery, Ashmolean Museum of Art and Archaeology, University of Oxford, Beaumont Street, Oxford*

**Thursday 15th September**

*Workshop Day 2*

*Tsuzuki Lecture Theatre*

08:30 – 09:00 Reception (Foyer A Ruth Deech Building)

**Session 6 Virtual Constellations and Working Groups**

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| 21: | 09:00 – 10:15 | Synthesis update from VC/WG day   * Selected topics (2-3) from VCs (VC/WG Leads/Chairs) | JL Fellous |
| 22: | 10:15 – 10:30 | Polar Observations Virtual Constellation | S Briggs (intro) |

10:30 – 10:45 Break

**Session 7 Climate and Carbon**

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| 23: | 10:45 – 12:00 | Carbon meeting outcomes and next steps | M Dowell |
| 24: | 12:00 – 12:30 | CEOS-CGMS coordination on Atmospheric CO2 observations from space | S Briggs (intro) |
| 25: | 12:30 – 12:45 | GCOS IP and Update on CEOS Response   * GCOS * CEOS Response | GCOS P Lecomte |
| 26: | 12:45 – 13:00 | COP-related issues | P Lecomte |

13:00 – 14:00 Lunch

**Session 8 CEOS Organisational Issues, Plenary, Workshop Closing**

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| 27: | 14:00 – 14:15 | Preparations for CEOS Plenary | CEOS Chair |
| 28: | 14:15 – 14:30 | Organisational Issues   * Future CEOS Chairs from Europe/Africa and Asian regions | CEOS Chair |
| 29: | 14:30 – 14:45 | CEOS Ocean Variables Enabled Research and Application (“COVERAGE”) | V Tsontos |
| 30: | 14:45 – 15:05 | CEOS Contribution to the UN Global Geodetic Reference Frame (UN GGIM & UN GGRF) | R Neilan |
| 31: | 15:05 – 15:45 | Any Other Business |  |
| 32: | 15:45 – 16:15 | Actions from SIT Technical Workshop to Plenary | SIT Chair |
| 33: | 16:15 – 16:30 | SIT Chair Conclusion | SIT Chair |

16:30 Adjourn