

2021 CEOS Strategic Implementation Team Technical Workshop (SIT TW 2021)
September 2021
7th-9th : side meetings
14th-16th : Workshop sessions
VIRTUAL ONLY

<https://ceos.org/meetings/2021-sit-technical-workshop>

GoToMeeting Connection: TBA (note: more details in protocols document)
Meeting protocols: TBA

OBJECTIVES AND SCOPE

During the 2020-2021 SIT Chair Term, the CSIRO/GA SIT Chair has focused on fostering ***CEOS Principal-level discussion and decision making*** to bring resources to address the significant coordination challenges presented by the harmonisation of observing systems across space agencies. This is bookended by the ***SIT Technical Workshop, which focuses efforts on more detailed working-level task coordination and preparation for CEOS Plenary.***

Accordingly, a series of sessions have been planned, with key objectives including:

- Supporting tangible progress of the CEOS Chair priorities for 2021 [[SIT-36 update](#)];
- Ensuring Working Team items related to Plenary are fully reviewed and discussed;
- Supporting new initiatives and activities arising from the Working Teams (e.g., CEOS-COAST);
- Supporting those activities related to CEOS partners and stakeholders (e.g., GCOS, UNFCCC, GEO and its activities);
- Sharing and understanding progress against the CEOS Work Plan 2020-2022;
- Progression of the three priority areas outlined in the [CSIRO/GA SIT Chair 2020-2021 Prospectus](#):
 - Analysis Ready Data (ARD); Sustainable Development Goals (SDGs); Carbon and Biomass; and,
- Providing overall assurance that matters are or will be ready for discussion, decision, and/or endorsement at CEOS Plenary 2021.

The 2021 Workshop will be divided into two weeks:

- **Week 1 commencing 6 September:** Informal time for groups to meet virtually, have discussions, and prepare materials on specific topics, largely “self-organised” by the groups themselves and providing maximum flexibility. SIT Chair Team and CEOS Chair Team representatives will join sessions if/when possible. Securing participation for these meetings is the responsibility of the meeting organiser(s).
- **Week 2 commencing 13 September:** Three 3-hour formal sessions focussing on items required for Plenary will be held 14, 15 and 16 September.

Because this year’s Workshop will again be held virtually, the formal sessions will be focused on crosscutting discussion, coordination, and preparation for the CEOS Plenary. Groups are encouraged to organise and host their own side discussions and meetings in preparation for the Workshop to progress their core business and Plenary preparations.

Week 1: 7th-9th September 2021

This week is designated for virtual thematic, topical focused **self-organised** meetings by various CEOS activities, groups, and initiatives. Where possible the SIT Chair Team will provide a representative, but this is modelled after the 'side meeting day' for a typical workshop.

The SIT Chair Team has created a shared table in which you can view and add your planned events for awareness should you desire. [Click here to view](#).

Week 2: 14th-16th September 2021

Topics and timing is notional and remains to be finalised in the detailed agenda.

UTC	Tuesday 14th	Wednesday 15th	Thursday 16th
1030 - 1200	<p>1.1: Opening TW Session [45 min] Introduction Workshop Objectives Agenda Overview Open Actions CEOS Work Plan Status Update</p> <p>1.2: CEOS Chair Priority Session [35 min] Open Science Priority</p> <p>1.3 CEOS's Impact on Open Science: A Case Study [10 min] Digital Earth Africa - A case study of how CEOS's work is delivering impact on global agendas through space-based Earth observations for open science</p>	<p>2.1 GEO Session [30 min] New GEO Secretariat Director perspectives Initial CEOS Thoughts on the GEO Mid-Term Review of Strategic Plan</p> <p>2.2: Carbon & Biomass Part 1 [60 min] GST & SO update (UNFCCC) GCOS update CEOS GST Strategy (ESA) Discussion - optimising the space agency contribution to the GST</p>	<p>3.1 Plenary Items TBA [90 min] Working Group Leadership Review Other topics TBA from Working Teams</p>
1200 - 1220	Break [20 min]	Break [20 min]	Break [20 min]
1220 - 1350	<p>1.4 ARD [30 min] Strategy 2.0 ARD Beyond Land</p> <p>1.5 SDG AHT [60 min] Future Governance</p>	<p>2.3: Carbon & Biomass Part 2 [80 min] IMEO introduction (UNEP) Discussion: IMEO-CEOS cooperation AFOLU Roadmap update GHG Roadmap update GHG-AFOLU Cooperation Biomass protocol and GEO-TREES</p>	<p>3.2: Update on CEOS Contributions to the UN Ocean Decade [25 min]</p> <p>3.3: SIT TW 2021 Final Review [65 min] Wrap-up from Session Leads Discussion Review of Actions to Plenary</p>

		<p>COP-26 and GST Dataset Comms Closing Discussion</p> <p>2.4 Incoming SIT Chair Prospectus [10min]</p>	
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Session Timing

US East	UTC	Europe	India	Australia East
0630 - 0950	1030 - 1350	1230 - 1550	1600 - 1920	2030 - 2350

Session Agendas

Tuesday 14th September

<p>Number: Title [duration/time] <i>Session Prep Lead</i> <i>Session Chairs</i></p>	<p>1.1 Opening Technical Workshop [45 minutes from UTC 1030] <i>G. Dyke/SIT Chair Team</i> <i>A. Lewis/GA/SIT Co-Chair and A. Held/CSIRO/SIT Co-Chair</i></p>
<p>Plenary outcomes to support:</p>	<p>- All.</p>
<p>Objectives for proposed TW session:</p>	<p>- Framing of the Technical Workshop in preparation for Plenary. - Review of key open actions and CEOS Work Plan towards Plenary.</p>
<p>Agenda:</p>	<p>1) Introduction (A. Lewis, A. Held) [20 min] - Workshop Objectives and Agenda Overview - Brief introductions (by delegations)</p> <p>2) Review of Actions (MC Greening) [10 min] - Open Actions - CEOS Work Plan Update</p> <p>3) Discussion [15 min]</p>

<p>Number: Title [duration/time] <i>Session Prep Lead</i> <i>Session Chairs</i></p>	<p>1.2 CEOS Chair Priority Session [35 minutes] <i>M. Steventon/SIT Chair Team</i> <i>TBA/CEOS Chair Team</i></p>
<p>Plenary outcomes to support:</p>	<p>- Delivery on CEOS Chair Priority.</p>
<p>Objectives for proposed TW session:</p>	<p>- Update on CEOS Chair Priority.</p>
<p>Agenda:</p>	<p>- Open Science Priority - Agenda TBA by CEOS Chair Team</p>

<p>Number: Title [duration/time] <i>Session Prep Lead</i> <i>Session Chairs</i></p>	<p>1.3 CEOS's Impact on Open Science: A Case Study [10 minutes] <i>M. Steventon/SIT Chair Team</i> <i>TBA/SIT Chair Team</i></p>
<p>Plenary outcomes to support:</p>	<ul style="list-style-type: none"> - Support discussion on ARD and SDG ways forward by providing an example integration.
<p>Objectives for proposed TW session:</p>	<ul style="list-style-type: none"> - To showcase how we can bring together different parts of the CEOS organisation to deliver impact. - Inspire thinking for other similar future activities.
<p>Agenda:</p>	<ul style="list-style-type: none"> - Digital Earth Africa as a case study on how CEOS's work is delivering impact on global agendas through support for open science

Day 1 Break [20 minutes]

<p>Number: Title [duration/time] <i>Session Prep Lead</i> <i>Session Chairs</i></p>	<p>1.4 Analysis Ready Data [40 minutes] <i>M. Steventon/SIT Chair Team</i> <i>A. Lewis/SIT Chair Team and E. Armstrong/SST-VC Co-Lead</i></p>
<p>Plenary outcomes to support:</p>	<ul style="list-style-type: none"> - Endorsement of CEOS ARD Governance Framework (broad, beyond-land) - Endorsement of CEOS ARD Strategy v2.0
<p>Objectives for proposed TW session:</p>	<ul style="list-style-type: none"> - Review progress on the first version of the CEOS ARD Strategy, which has guided the SIT Chair term on this topic - Present CEOS ARD Strategy v2.0 for discussion and feedback - Review progress to date on the first implementation of CEOS ARD (i.e., CARD4L) - Present the CEOS ARD Governance Framework and accompanying barebones PFS template which is proposed to expand the work done under CARD4L - Discuss the Governance Framework ahead of its presentation to CEOS Plenary 2021
<p>Agenda:</p>	<ol style="list-style-type: none"> 1) ARD Beyond Land: CEOS ARD Governance Framework [20 min] <ul style="list-style-type: none"> - Presentation - Discussion 2) CEOS ARD Strategy v2.0 [20 min] <ul style="list-style-type: none"> - Presentation - Discussion

Number: Title [duration/time] <i>Session Prep Lead</i> <i>Session Chairs</i>	1.5 Sustainable Development Goals Ad Hoc Team [50 minutes] <i>G. Dyke/SIT Chair Team</i> <i>A. Held/SIT Chair Team and M. Paganini/AHT Co-Chair</i>
Plenary outcomes to support:	<ul style="list-style-type: none"> - Agreement of next steps in the evolution of the Ad Hoc Team and future CEOS response to the SDG community.
Objectives for proposed TW session:	<ul style="list-style-type: none"> - Review of the preferred option for the SDG Ad Hoc Team governance. - Discussion of governance in support of delivering a final recommendation to Plenary.
Agenda:	<ol style="list-style-type: none"> 1) Future Governance [35 min] <ul style="list-style-type: none"> - Brief review of SDG AHT governance process and presentation of the preferred option. - Discussion of the preferred option and agreement of actions to Plenary. 2) AHT Sub-Team progress [15 min] <ul style="list-style-type: none"> - Brief summary from SDG AHT Co-Chairs of recent AHT Sub-Team Progress

Wednesday 15th September

Number: Title [duration/time] <i>Session Prep Lead</i> <i>Session Chairs</i>	2.1 GEO Session [30 minutes from 1030 UTC] <i>M.C. Greening/CEOS Executive Officer</i> <i>TBA/GEO Secretariat</i>
Plenary outcomes to support:	<ul style="list-style-type: none"> - Supporting Plenary's commitment to key CEOS relationships.
Objectives for proposed TW session:	<ul style="list-style-type: none"> - Hear views from the new GEO Secretariat Director. - Discuss initial CEOS thoughts on the GEO Midterm Review.
Agenda:	<ol style="list-style-type: none"> 1) GEO Update (GEO Secretariat TBA) [15 min] <ul style="list-style-type: none"> - Status of key GEO activities in relation to CEOS - New GEO Secretariat Director perspectives 2) GEO Midterm Review (TBA) [15 min] <ul style="list-style-type: none"> - Initial CEOS thoughts on the GEO Midterm Review - Brief discussion

Number: Title [duration/time] <i>Session Prep Lead</i> <i>Session Chairs</i>	2.2 and 2.3: Carbon and Biomass [shared slide deck] [60 minutes, 20 minute break, 80 minutes] <i>S. Ward/SIT Chair Team</i> <i>A. Lewis/GA/SIT Co-Chair (Session 1) and A. Held/CSIRO/SIT Co-Chair</i>
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	(Session 2)
Plenary outcomes to support:	<ul style="list-style-type: none"> - Endorsement of the CEOS Strategy to Support the Global Stocktake of the UNFCCC Paris Agreement - Readiness of the GHG and AFOLU datasets from CEOS for COP-26 and the GST 1 Process and their effective communication and distribution - Consideration of the way forward for an AFOLU Roadmap by the key data provider agencies - Debate on CEOS support to the requirements of the International Methane Emissions Observatory (IMEO) - Consideration of implementation measures to support implementation of the CEOS Biomass Protocol and GEO-TREES - Update on the key GCOS processes and documents and CEOS response
Objectives for proposed TW session:	<ul style="list-style-type: none"> - Update from UNFCCC SEC on the GST Process and the Systematic Observations Synthesis Report - Refreshed input from GCOS and identification of any issues for Plenary - Revisit of the Draft CEOS Strategy for the UNFCCC GST and preparation of Plenary discussion - Introductory presentation from IMEO/UNEP and debate on how CEOS might mobilise coordinations in support of their requirements - Update on the GHG Roadmap products for COP-26 - Update on the AFOLU Roadmap products for COP-26 - Discussion of any cooperation needed between GHG and AFOLU - Update on the Biomass Protocol, its implementation and progress on GEO-TREES. - Discussion of CEOS communications for the GST datasets release
Format, Session(s):	<p>This session has a significant participation external to CEOS. Invitees include: UNFCCC SEC, GCOS, and IMEO/UNEP. Timing will be:</p> <p>Session 1: 0630-0800 US East 20 mins break Session 2: 0820-0950 US East</p>
Agenda:	<p>Session 1</p> <ol style="list-style-type: none"> 1. Introduction (SIT Chair Team, 5m) 2. GST & SO Synthesis Process Update (UNFCCC SEC, 10m) 3. GCOS Process Update (GCOS, 10m) 4. Draft CEOS Strategy for Support to the GST (SIT Vice-Chair, 15m) 5. Discussion on optimising the space agency contribution to the GST [moderated by S. Briggs, 20m] <p>Session 2</p> <ol style="list-style-type: none"> 6. Intro to the IMEO (M. Caltagirone/UNEP, 10m) 7. Discussion of IMEO-CEOS cooperation [moderated by D. Crisp, 10m] 8. AFOLU product status & Roadmap next steps in 2022 (Ochiai/Seifert, 15m)

	<p>9. GHG product status (D Crisp, 15m)</p> <p>10. GHG-AFOLU cooperation (GHG & AFOLU teams, 10m)</p> <p>11. COP-26 and GST Dataset Comms (SIT Chair Team, 10m)</p> <p>12. Closing discussion time on all topics (15m)</p>
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<p>Number: Title [duration/time] <i>Session Prep Lead</i> <i>Session Chairs</i></p>	<p>2.4 Incoming SIT Chair Prospectus (Ivan Petiteville) [10 minutes] <i>S. Ward/SIT Chair Team</i> <i>I.Petiteville/Incoming SIT Chair Team</i></p>
	<p>Wrap up (SIT Chair, 5m)</p>

Thursday 16th September

<p>Number: Title [duration/time] <i>Session Prep Lead</i> <i>Session Chairs</i></p>	<p>3.1 Working Team Plenary Items [90 minutes] <i>G. Dyke/SIT Chair Team</i> <i>TBA/Working Teams</i></p>
<p>Plenary outcomes to support:</p>	<ul style="list-style-type: none"> - Continuity of leadership for Working Groups. - Plenary outcomes as identified based on inputs from the Working Teams.
<p>Objectives for proposed TW session:</p>	<ul style="list-style-type: none"> - Review continuity of leadership for Working Groups. - Discuss key items for Plenary decision originating from the Working Teams.
<p>Agenda:</p>	<p>1) Working Group Leadership Review (CEOS Chair TBC) [15 min]</p> <ul style="list-style-type: none"> - WGCapD Chair (UNOOSA nominee) - WGCapD Vice Chair (TBD nominee) - WGDisasters Vice Chair (CONAE nominee) - WGISS Vice Chair (TBD nominee) <p>2) Other Topics TBA from Working Teams [75 min]</p>

Day 3 Break [20 minutes]

<p>Number: Title [duration/time] <i>Session Prep Lead</i> <i>Session Chairs</i></p>	<p>3.2 Update on CEOS Contributions to the UN Decade of Ocean Science for Sustainable Development [25 minutes] <i>M.C. Greening/CEOS Executive Officer</i> TBA/Oceans Teams</p>
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Plenary outcomes to support:	- Coordination of CEOS support to the Oceans community.
Objectives for proposed TW session:	- Hear the latest on the UN Ocean Decade. - Identify issues and actions to be taken between Workshop and Plenary.
Agenda:	- TBA based on Oceans community feedback.

Number: Title [duration/time] <i>Session Prep Lead</i> <i>Session Chairs</i>	3.3 SIT Technical Workshop 2021 Final Review [65 minutes] <i>G. Dyke/SIT Chair Team</i> <i>A. Lewis/GA/SIT Co-Chair and A. Held/CSIRO/SIT Co-Chair</i>
Plenary outcomes to support:	- All.
Objectives for proposed TW session:	- Review of main discussion points from the Workshop. - Confirmation of actions between Workshop and Plenary.
Format:	Session leads to contribute to a shared slide deck which will be reviewed live.
Agenda:	1) Introduction (A. Lewis, A. Held) [5 min] 2) Wrap Ups (Session Leads) [45 min] - Review of shared slide deck and discussion 3) Review of Actions to Plenary (SIT Chair Team) [10 min] 4) Workshop Close (A. Lewis, A. Held) [5 min]

SIT Chair Prospectus Timelines

2020-2021 CSIRO/GA Australian SIT Chair Priorities Timelines

