

## OUTCOMES AND ACTIONS OF CEOS SIT TECHNICAL WORKSHOP 2020 7th-11th and 14th-18th September 2020

### FINAL

### OUTCOMES

<b>Outcome 01</b>	The 2020 CEOS Plenary agenda will include the opportunity for CEOS Agency updates. The SIT Technical Workshop recommended that agency updates be posted virtually (no oral reports).
<b>Outcome 02</b>	As in the past, the CEOS Plenary agenda will include a presentation on the theme and priorities of the incoming CEOS Chair.
<b>Outcome 03</b>	It was agreed that there will be a report to the CEOS Plenary on the productive discussion on COVID-19 that occurred during the CEOS SIT Technical Workshop.
<b>Outcome 04</b>	CEOS Coastal Observations and Applications Study Team (COAST) will ask Plenary for approval to be recognized/proceed as a <i>CEOS Ad Hoc Team</i> for 2 years. Next steps will include a call for Agency expressions of interest/support for Phase 2 (2021) activities (including a co-Chair for the AHT).
<b>Outcome 05</b>	JAXA asked to join CEOS COAST (nominating Ko Hamamoto and Osamu Ochiai), and AEM (Adrian Guzman) and USGS (Tim Stryker) projects might support COAST.
<b>Outcome 06</b>	Two options for the way forward on the ad hoc Team for Sustainable Development Goals (SDG AHT) will be presented to the 2020 CEOS Plenary (i.e., either extend or stop), with the recommendation to adopt Option 1 (extension of the SDG AHT for another year). The SDG AHT will also present a Roadmap to the Plenary for its transition into a permanent structure, proposed to begin at the end of 2021.

<b>Outcome 07</b>	Plenary (Principals) will be asked to consider supporting a small team to review the Analysis Ready Data (ARD) framework and to consider making it amenable to additional Product Family Specifications (PFS) for domains beyond land.
<b>Outcome 08</b>	Three WGDIs documents will be presented to the 2020 CEOS Plenary for endorsement: 1) CEOS WGDIs Strategy Paper; 2) Recovery Observatory Demonstrator Implementation Plan; and 3) the GEO/LEO/SAR Flood Pilot Implementation Plan.
<b>Outcome 09</b>	CEOS could position COVERAGE as a valuable contribution to the Decade on Ocean Science for Sustainable Development, and 2020 CEOS Plenary should discuss ways to make this possible (e.g. via programmatic connectivity to GOOS).
<b>Outcome 10</b>	Minor changes to the CEOS Executive Officer Terms of Reference were reviewed and agreement was reached to circulate the revised ToRs for virtual endorsement in time to support Plenary participation by an incoming Executive Officer.

## ACTIONS

<b>SIT-TW-2020-01</b>	SEO to keep CEOS SEC updated on progress on the new GEO Community Activity on the Open Earth Alliance as an evolution of the Open Data Cube activity in which CEOS has been participating	<b>CEOS SEC-270</b>
	<i>Rationale: Provide an opportunity for CEOS SEC to hear an update on the potential scope of CEOS engagement with GEO's Community Activity Open Earth Alliance.</i>	
<b>SIT-TW-2020-02</b>	JAXA (Shin-ich Sobue), ESA (Simonetta Cheli), NASA (Michael Falkowski) to coordinate a report to Plenary on the Technical Workshop COVID-19 session. This should include inputs from all agencies presenting at the SIT Technical Workshop, as well as a list of COVID-relevant weblinks from CEOS Agencies.	<b>CEOS Plenary</b>
	<i>Rationale: Provide CEOS Agencies and Principals with a snapshot of the discussion to date as background for a Plenary discussion session on COVID-19 and space-based EO.</i>	

<b>SIT-TW-2020-03</b>	CEOS COAST to seek a co-Lead for the Ad Hoc Team to be proposed at Plenary.	<b>CEOS Plenary</b>
	<i>Rationale: A COAST Co-Lead will help share the workload and bring new capabilities. (ISRO has agreed in principle to Co-Lead.)</i>	
<b>SIT-TW-2020-04</b>	Paul di Giacomo (NOAA) to develop a high level draft Terms of Reference for a CEOS COAST Ad Hoc Team ahead of Plenary	<b>CEOS Plenary</b>
	<i>Rationale: While not required before the October 2020 CEOS Plenary, draft TORs can be helpful information for review by CEOS Agencies preparing for this year's Plenary discussions. The requirement in the CEOS Governance and Processes Document (page 7) is, "Within two months of creation, the Ad Hoc Team will prepare defined objectives and appropriate path forward for meeting those objectives to include identifying needed resources."</i>	
<b>SIT-TW-2020-05</b>	When requesting a one-year extension, CEOS SDG AHT will submit a Roadmap for its activities in 2021, highlighting its transition plan and the proposed activities to be undertaken in support of GEO.	<b>CEOS Plenary</b>
	<i>Rationale: This will provide further insight to Principals on how another year of ad-hoc team activity will help clarify CEOS's role in the broader SDG context.</i>	
<b>SIT-TW-2020-06</b>	SIT Chair to work with CEOS Sea Surface Temperature VC (SST-VC) co-lead Ed Armstrong on a proposal to the 2020 CEOS Plenary for Principals to support the establishment of a small study team to examine the ARD framework in the context of potential Product Family Specifications (PFS) for domains beyond land.	<b>CEOS Plenary</b>
	<i>Rationale: To propose that the 2020 CEOS Plenary approve a small expert study team to look at broadening the ARD framework, with a final report and close at Plenary 2021. (COVERAGE, AC-VC (Diego Loyola), LSI-VC, COAST expressed willingness to contribute.)</i>	
<b>SIT-TW-2020-07</b>	DLR to provide a nominee to represent the agency on the Agriculture, Forests, Other Land Use Change (AFOLU) Team that is working on the development of an AFOLU Roadmap.	<b>CEOS Plenary</b>
	<i>Rationale: DLR has relevant missions and data to support the AFOLU Roadmap.</i>	

<b>SIT-TW-2020-08</b>	AFOLU team Co-Leads to review the Land chapters of the GCOS IP to assess any impacts on AFOLU requirements.	<b>CEOS Plenary</b>
	<i>Rationale: GCOS IP may hold some useful requirements for the AFOLU Roadmap.</i>	
<b>SIT-TW-2020-09</b>	WGClimate Chair to confirm details with UNFCCC SEC of the global Earth Information Day in late November 2020.	<b>CEOS Plenary</b>
	<i>Rationale: Await news from UNFCCC SEC on how CEOS can engage.</i>	
<b>SIT-TW-2020-10</b>	SIT Chair Team interface with GEO SEC on ideas around collaboration and funding for the Forest Biomass Reference Network concept.	<b>CEOS Plenary</b>
	<i>Rationale: Diverse funding solutions will be essential for this to be viable.</i>	
<b>SIT-TW-2020-11</b>	CEOS Agencies are requested to organise submission of use cases for climate data records via <a href="https://climatemonitoring.info/use-cases">https://climatemonitoring.info/use-cases</a>	<b>CEOS Plenary</b>
	<i>Rationale: To ensure that CEOS Agency use cases are further disseminated.</i>	
<b>SIT-TW-2020-12</b>	CEO to liaise with the GEO Secretariat to identify and promulgate the full extent of geo-spatial support of CEOS to GEO Flagships, Initiatives, Foundational Tasks, and other activities in the GEO Work Programme.	<b>CEOS Plenary</b>
	<i>Rationale: CEOS noted and communicated to the GEO Secretariat Director that references to CEOS and its substantive contributions are noticeably diminished in the GEO Work Programme.</i>	
<b>SIT-TW-2020-13</b>	SIT Chair Team and WGISS Chair to organise a meeting (call) with GEO Secretariat (POC: Doug Cripe) on feedback around access to CEOS ARD and commercial cloud service providers.	<b>Before CEOS Plenary</b>
	<i>Rationale: To follow up the feedback solicited by the GEO SEC.</i>	
<b>SIT-TW-2020-14</b>	CEOS Chair to coordinate the virtual endorsement by CEOS Principals of the updated CEOS Executive	<b>ASAP</b>

	Officer Terms of Reference with support provided by Kerry Sawyer (CEO).	
	<i>Rationale: Aiming to complete virtual endorsement to allow Plenary participation by the incoming CEO and overlap with the current CEO, Kerry Sawyer.</i>	