

## 2016 CEOS Plenary Agenda Version 1.1 (27<sup>th</sup> October 2016)

31<sup>st</sup> October – 2<sup>nd</sup> November 2016  
Brisbane, Australia

CEOS Plenary focuses on decisions to be made by Principals to progress and direct the various initiatives underway within the numerous groups that are active in support of CEOS objectives. The Plenary agenda is dictated by the priority business underway in these groups, and is informed by the discussions held at the preceding SIT Technical Workshop in September.

Specific objectives of the 30<sup>th</sup> CEOS Plenary include:

1. To review the conclusions and recommendations of the two Ad-hoc Teams established by the CEOS Chair for 2016 – on *Future Data Architectures* and *Non-meteorological Applications of Next-generation Geostationary Satellites* – and to decide upon the appropriate course of action for CEOS, including the identification of any follow-up activities and the most appropriate institutional arrangements.
2. To consider developments since the UNFCCC COP21 meeting in late 2015, with a focus on the GCOS-CEOS relationship and documentation process.
3. To review progress of, and provide direction on, the CEOS thematic acquisition strategies, and in particular to resolve the outstanding issues with the Carbon and Water strategies that were identified at SIT-31. This will cover:
  - a. Carbon observations, including forested regions (incl. GFOI and SDCG, CEOS Carbon Strategy)
  - b. Observations for agriculture (incl. GEOGLAM)
  - c. Observations for disasters (incl. WGDisasters)
  - d. Observations for water (incl. WSIST)
4. Review and provide direction for the CEOS Working Groups and their activities.
5. To review progress of, and provide direction on, CEOS engagement with key stakeholder initiatives, including those of:
  - a. GEO (incl. GD-08)
  - b. UN (incl. SDGs)
  - c. Development banks
6. Continuation of the strategic discussions started at SIT-31 in relation to future partnerships and priorities with development banks, the UN system, and ‘data giants’.
7. Address any outstanding organisational issues, as well as issues related to CEOS information systems, including those arising from the 2016 user survey.

## Week at a Glance

*Week of Monday 31<sup>st</sup> October 2016*

Monday 31 <sup>st</sup>	Tuesday 1 <sup>st</sup>	Wednesday 2 <sup>nd</sup>	Thursday 3 <sup>rd</sup>
<p>Side Meeting Day</p> <p>(Meeting Rooms, BCEC)</p> <ul style="list-style-type: none"> <li>– Troika #1</li> <li>– SEC-217</li> <li>– GEOGLAM</li> <li>– FDA AHT</li> <li>– UN SDGs</li> <li>– LSI-VC</li> <li>– WSIST</li> <li>– Data Cube Meeting</li> </ul>	<p>Plenary Day #1</p> <p>(Plaza Terrace Room, BCEC)</p> <ul style="list-style-type: none"> <li>– Core Plenary Business</li> <li>– Thematic Acquisition Strategy Session</li> <li>– Key Stakeholder Initiatives Session</li> <li>– Climate Session</li> </ul>	<p>Plenary Day #2</p> <p>(Plaza Terrace Room, BCEC)</p> <ul style="list-style-type: none"> <li>– Future Data Architectures</li> <li>– Non-meteorological Applications</li> <li>– VC and WG Session</li> <li>– Other CEOS Business</li> <li>– Closing Session</li> <li>– SEC-218</li> <li>– Troika #2</li> </ul>	<p>‘Town Hall’ Event</p> <p>(Plaza Auditorium, BCEC)</p>
<p>Icebreaker Cocktail</p> <p>18:00 – 20:00</p> <p>(Plaza Gallery, BCEC)</p>	<p>Reception Dinner</p> <p>18:30 – 22:00</p> <p>GOMA (Gallery of Modern Art)</p> <ul style="list-style-type: none"> <li>– Walking distance from hotels</li> <li>– Neat casual attire</li> </ul>		

## Side Meeting Schedule

Monday 31<sup>st</sup> October 2016

Time	Rooms M5/M6	Room M7
07:30	<b>Registration (07:30 – 16:00)</b>	
08:00	Troika #1 (JAXA, CSIRO, USGS, ESA, NOAA)	
09:00	SEC 217	
10:00	FDA AHT	GEOGLAM
11:30	UN SDGs	
13:00	<b>Lunch</b> <i>(served just outside the meeting rooms)</i>	
14:00	LSI-VC	
16:00	Data Cube Meeting	
18:00	<b>Adjournment</b> <b>Icebreaker Cocktail 18:00 – 20:00 Plaza Gallery, BCEC</b>	

**Tuesday November 1<sup>st</sup>**  
*Plenary Day 1, Plaza Terrace Room*

**08:00 — Registration**

**Session 1: Core Business**

<b>1.1</b>	08:40	CEOS Chair introduction  – Welcome and Opening Remarks – Ministerial Opening Address – Plenary Themes	CEOS Chair
<b>1.2</b>	09:00	Korea Meteorological Administration (KMA) Application for CEOS Membership  <i>For Endorsement: KMA as a CEOS Member</i>	
<b>1.3</b>	09:15	Status of Actions from the 29 <sup>th</sup> CEOS Plenary	CEO Team
<b>1.4</b>	09:30	Presentation of the CEOS 3-Year Work Plan Annual Update	CEO Team

**09:40 — Break & Photo**

<b>Session 2: Thematic Acquisition Strategies</b>			
<b>2.1</b>	10:15	Revisit of CEOS Thematic Data Acquisition Strategy Status and Issues Presented at SIT-31	SIT Chair Team
<b>2.2</b>	10:25	Related GEO Efforts <ul style="list-style-type: none"> <li>– GD-08 status and process</li> <li>– Societal Benefit Area (SBA) Leadership Status</li> <li>– Strategy for the GEO Water SBA</li> </ul>	GEO SEC
<b>2.3</b>	10:35	CEOS Water Strategy <ul style="list-style-type: none"> <li>– WSIST Feasibility Study Report (C.1) (<i>C. Ishida, 10 min</i>)</li> <li>– Hyperspectral Water Quality Report (C.10) (<i>A. Dekker, 10 min</i>)</li> <li>– GEOGLOWS (<i>B. Doorn, 5 min</i>)</li> </ul> <p style="text-align: center;"><b>Discussion: Next Steps and Priorities (15 min)</b></p> <p style="text-align: center;"><b>For Endorsement: Water Constellation Feasibility Study Report</b></p>	C. Ishida, A. Dekker, B. Doorn
<b>2.4</b>	11:15	GEO Blue Planet Update	A. Stevens
<b>2.5</b>	11:25	CEOS-GEOGLAM ad hoc WG Report <p style="text-align: center;"><b>For Endorsement: Continuation of the CEOS-GEOGLAM ad hoc WG</b></p>	B. Doorn
<b>2.6</b>	11:35	CEOS Response to the Sendai Framework	S. Chalifoux
<b>2.7</b>	11:45	Thematic Acquisition Strategy Discussion <ul style="list-style-type: none"> <li>– Response to issues presented in 2.1</li> </ul>	All
<b>12:00 — Lunch (Plaza Terrace Foyer)</b>			

Session 3: Key Stakeholder Initiatives			
3.1	13:00	GEO Secretariat Report	B. Ryan (remote)
3.2	13:10	<p>CEOS-GEO Matters and CEOS Representation at GEO-XIII Plenary</p> <ul style="list-style-type: none"> <li>– Future Strategy for the CEOS Representative to the GEO Programme Board</li> <li>– CEOS Statements/Interventions at the GEO-XIII Plenary</li> </ul> <p><i>Discussion: Suggestions/Comments for the CEOS Delegation to GEO-XIII</i></p>	CEO Team
3.3	13:30	<p>UN Sustainable Development Goals (SDGs)</p> <ul style="list-style-type: none"> <li>– Update on the CEOS Response and Strategy</li> </ul>	Deputy CEO
3.4	13:45	<p>Revisit of Strategic Discussions on Future Partnerships and Priorities (Development Banks, UN System, Data Giants)</p> <ul style="list-style-type: none"> <li>– Recap of Relationship Stocktake Planned for Presentation at SIT-32</li> </ul>	SIT Chair Team

<b>Session 4: Climate</b>			
<b>4.1</b>	14:00	<p>Implications of the Paris Agreement – <i>“What is CEOS doing to help countries fulfil their obligations?”</i></p> <ul style="list-style-type: none"> <li>– Paris Agreement Assessment and Outlook, Way Forward for CEOS (incl. COP 22) (10 min)</li> </ul> <p><b><i>Discussion: Role of Space Agencies (Data Supply Only or Broader Scope?) (10 min)</i></b></p> <p><b><i>For Endorsement: CEOS Statement to SBSTA 45</i></b></p>	P. Lecomte
<b>4.2</b>	14:20	<p>CEOS Carbon Strategy Implementation</p> <ul style="list-style-type: none"> <li>– Status and Outlook</li> <li>– Way Forward for CEOS on the Coordination of Carbon Observations</li> <li>– Presentation of the 5–7 VC/WG Initiatives</li> <li>– Efforts Toward Harmonisation of Carbon Observations and Missions (incl. Proposed GHG VC)</li> </ul> <p><b><i>Discussion: Plenary to Comment on Individual VC/WG Initiatives</i></b></p> <p><b><i>For Endorsement: Overall CEOS Carbon Strategy Implementation Approach</i></b></p> <p><b><i>For Decision: Approach for CEOS-CGMS CO<sub>2</sub> Coordination</i></b></p>	M. Dowell
<b>15:10 — Break</b>			
<b>4.3</b>	15:25	<p>Marrakech Declaration to be Proposed by CNES and CRTS at UNFCCC COP 22</p> <p><b><i>Discussion: CEOS Agency Response to the Declaration</i></b></p>	P. Ulte-Guerard
<b>4.4</b>	15:35	<p>GCOS Status and Plans</p> <ul style="list-style-type: none"> <li>– New GCOS Implementation Plan</li> <li>– Other Essential Climate Variables (ECVs)</li> </ul>	M. Dowell

4.5	15:50	<p>WGClimate Report</p> <ul style="list-style-type: none"> <li>- CEOS Input to GCOS and Response to the New GCOS Implementation Plan</li> <li>- ECV Inventory Update</li> </ul>	P. Lecomte
4.6	16:05	<p>GEO Carbon Initiative</p> <ul style="list-style-type: none"> <li>- Prospects for CEOS Engagement</li> </ul>	GEO SEC
4.7	16:15	<p>Update on the Space Data Coordination Group (SDCG) for GFOI</p> <ul style="list-style-type: none"> <li>- SDCG Secretariat &amp; GFOI Office Continuity</li> <li>- Germany-Norway-UK linkage</li> </ul> <p style="text-align: center;"><i>For Endorsement: Continuation of the SDCG for GFOI</i></p>	M. Shimada (remote)/ SDCG Secretariat
<b>16:30 — Adjournment</b>			
<b>18:10 — Meet in Grey St foyer (BCEC) for short walk to reception dinner venue (or make own way to venue from your city hotel)</b>			
<b>18:30 - 22:00 — Reception dinner, Gallery of Modern Art (GOMA), South Bank - entry via GOMA Café Bistro</b>			



**Wednesday November 2<sup>nd</sup>, Plaza Terrace Room**  
*Plenary Day 2*

**Session 5: Future Data Architectures and Analytics**

<b>5.1</b>	09:00	<p>Future Data Architectures Introduction</p> <ul style="list-style-type: none"> <li>- Motivation</li> <li>- Examples</li> <li>- Opportunities</li> </ul>	A. Held
<b>5.2</b>	09:05	<p>Future Data Access and Analysis Architectures (FDA) ad hoc Team Report Overview</p>	AHT Leads
<b>5.3</b>	09:20	<p>CEOS Systems Engineering Office (SEO) Data Cube Three-Year Work Plan and Pilot Activity Updates</p>	B. Killough
<b>5.4</b>	09:35	<p>LSI-VC Analysis-Ready Data Definition Document</p>	A. Lewis
<b>5.5</b>	09:50	<p>Plenary Discussion on CEOS FDA Strategy</p> <p>Discussion Topics:</p> <ul style="list-style-type: none"> <li>- FDA AHT Report Recommendations and CEOS Course of Action</li> <li>- CEOS Response to the LSI-VC Analysis-Ready Data Definition</li> <li>- Follow-up Activities (CEOS ARD-Data Cube Pilot, FDA AHT Extension)</li> <li>- Institutional Arrangements</li> <li>- Mechanisms for Version Control to Ensure CEOS Data Cube Efforts are Consistent and Interoperable</li> </ul> <p style="text-align: center;"><i>For Endorsement: LSI-VC ARD Definition</i></p> <p style="text-align: center;"><i>For Decision: Adoption of FDA Report Recommendations</i></p> <p style="text-align: center;"><i>For Decision: Actions to Progress CEOS FDA</i></p>	All

**10:45 — Break**

Session 6: Broader Applications for Next-Generation Geostationary Satellites			
6.1	11:00	<p>Non-meteorological Applications for Next-Generation Geostationary Satellites (NMA) ad hoc Team Report</p> <ul style="list-style-type: none"> <li>– Report &amp; Recommendations (15 min)</li> <li>– Plenary Discussion on CEOS Course of Action (45 min) <ul style="list-style-type: none"> <li>○ Follow-up Activities</li> <li>○ Institutional Arrangements</li> </ul> </li> </ul> <p style="text-align: center;"><b>For Decision: Adoption of Report Recommendations</b></p> <p style="text-align: center;"><b>Discussion: CEOS Course of Action on the Recommendations</b></p>	AHT Leads
<b>12:00 — Lunch (Plaza Terrace Foyer)</b>			
Session 7: VCs and WGs			
7.1	13:00	WGISS Report	A. Mitchell
7.2	13:15	<p>WGCV Report</p> <p style="text-align: center;"><b>For Endorsement: New Working Group Vice-Chair</b></p> <p style="text-align: center;"><b>For Endorsement: New Terms of Reference</b></p>	A. Von Bargaen
7.3	13:30	WGCapD Report	J. Olwoch
7.4	13:45	<p>WGDisasters</p> <ul style="list-style-type: none"> <li>– Progress Report on Observations for Disasters</li> </ul> <p style="text-align: center;"><b>For Endorsement: Landslide Pilot EO Implementation Plan, Including Strategic Data Acquisition Plan</b></p> <p style="text-align: center;"><b>For Endorsement: GSNL Vesuvius/Campi Flegrei Supersite Biennial Report</b></p> <p style="text-align: center;"><b>For Endorsement: GSNL Etna Supersite Biennial Report</b></p> <p style="text-align: center;"><b>For Endorsement: GSNL Marmara Supersite Biennial Report</b></p> <p style="text-align: center;"><b>For Endorsement: GSNL Greek Supersite</b></p>	S. Chalifoux

<b>7.5</b>	14:00	<p>VC Report and Issues for Consideration</p> <ul style="list-style-type: none"> <li>- Recommendations from the SST-VC Gap Analysis on Passive Microwave Radiometers</li> </ul>	SIT Chair Team/J-L Fellous
<b>14:30 — Break</b>			
<b>Session 8: Other CEOS Business</b>			
<b>8.1</b>	14:45	<p>MIM Database and CEOS Information Systems</p> <ul style="list-style-type: none"> <li>- Results of the 2016 User Survey</li> </ul>	I. Petiteville
<b>8.2</b>	14:55	CEOS Systems Engineering Office (SEO) Report	B. Killough
<b>Session 9: Agency Updates</b>			
<b>9.1</b>	15:05	<p>Key Updates on Existing Space Assets or Upcoming Launches</p> <ul style="list-style-type: none"> <li>- Copernicus Programme (M. Facchini)</li> <li>- ESA (S. Cheli)</li> <li>- NOAA (C. Wooldridge)</li> <li>- NASA (M. Freilich)</li> <li>- ISRO (T. Misra)</li> <li>- ASI</li> <li>- JAXA (Y. Yoshimura)</li> </ul> <p>(5 minutes each)</p>	
<b>9.2</b>	15:40	European Space Policy (with regard to its impact on EO, Copernicus, etc.)	P. Brunet

<b>Session 10: Closing Business</b>			
<b>10.1</b>	15:50	CEOS Chair Annual Report	CEOS Chair
<b>10.2</b>	16:05	Recap of Decisions on One-Year Extensions of the CEOS ad hoc Teams and WG Leadership Succession	CEOS Chair
<b>10.3</b>	16:10	Announcement of the 2018 CEOS Chair <i>For Endorsement: 2018 CEOS Chair</i>	CEOS Chair
<b>10.4</b>	16:20	Review of 2016 CEOS Plenary Decisions and Actions	CEOS Chair
<b>10.5</b>	16:40	CEOS Chair Handover	2016 & 2017 CEOS Chairs
<b>10.6</b>	16:50	Introduction to CEOS Chair Priorities for 2017	F. Kelly
<b>10.7</b>	17:05	Closing Remarks	CSIRO
<b>17:20 — Adjournment</b>			
<b>Closed SEC/Troika Meetings</b> Location: Plaza Terrace Room			
17:25	218 <sup>th</sup> CEOS Secretariat Meeting (SEC-218)		Chaired by USGS
18:00	Troika Meeting #2 (CSIRO, USGS, ESA, NOAA) – 2017 Collaborations		Chaired by USGS
<b>18:20 — Adjournment</b>			

## Teleconference Connections

*Monday Side Meetings (Room M5/M6)*

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*CEOS Plenary (Plaza Terrace Room)*

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