**SHORTLIST FOR AUSTRALIAN SIT CHAIR TERM 2020-21**

Version 1.0, 12 March 2019

1. **Analysis Ready Data**

There is a leadership role for CEOS to help continue the reduction in data complexity and to help leverage each country’s data through standardisation to help ensure the continued relevance and competitiveness of public EO data programmes in the face of increasing commercial alternatives. SIT Chair will ensure effective progress on existing work and propose and promote a broader CEOS ARD strategy, encompassing:

* technical specification development and maintenance;
* cost-benefit demonstrations, pilots and analyses to help persuade suppliers and users;
* maintenance of information to manage expectations of all stakeholders as to the status and outlook for ARD availability – so that all might plan and invest with confidence in capabilities to best exploit the CEOS agency ARD;
* priorities for which products and applications might follow on from the current CARD4L PFS;
* promotion, including a commercial provider engagement strategy;
* consideration of the global data flows required for efficient access to and utilisation of CEOS ARD;
* promulgation of CEOS ARD standards with relevant geospatial standards organisations (such as OGC);
* appropriate organisational responsibilities across the CEOS structure for the definition and execution of the way forward on ARD.

1. **Global Carbon Observing System**

The 2018 AC-VC report will have enduring impact and marks a milestone in cooperation towards anthropogenic emissions monitoring. SIT Chair will ensure the next steps are supported and the necessary actions expedited within the CEOS Work Plan. The high profile of this activity will be sustained during the term.

**Biomass measurements**: CEOS agencies have made substantial investments in above ground biomass missions and a whole generation of new and exciting capabilities are launching from 2018 onwards. We identify strong interest in the financial instruments sector related to carbon emissions and forests in particular – including from World Bank; significant coordination efforts will be needed across a broad front (from supersites and cal-val to education) to ensure the policy relevance of the data on a rapid timescale. Good work is already underway and planned by WGCV/LPV (including on the CEOS Biomass Protocol) and SDCG/GFOI, and SIT Chair will elevate this in profile and direct an acceleration of progress.

1. **SDGs**

SIT Chair will seek to expedite progress in a small number of priority indicators for demonstration of the value of EO for Indicators.

1. **Inland Freshwater Quality and Quantity**

Will take stock of the planned CEOS workshop, of the progress in GEOGLOWS, of the recommendations in the March 2018 CEOS Report, and explore a way forward, including in support of SDG requirements.

1. **GEO-LEO**

Will take stock of the progress achieved under NOAA and explore next steps.