

## LSI-VC-10 Actions & Decisions

8 March 2022 Update

### Actions

LSI-VC-10-01	<p>Chris Barnes to consult the team responsible for the <b>Aquatic Reflectance PFS</b> and work with them to gather evidence that the PFS as it is currently written is achievable at the Threshold level.</p> <p>This work will be limited to fields that are unique to the Aquatic Reflectance PFS, not those that also appear in the Surface Reflectance PFS that was used as the basis.</p> <p>The idea of providing sample products to support the endorsement of the PFS will also be explored.</p>	COMPLETE
LSI-VC-10-02	<p>Paul Briand to share with Ake a study undertaken by CSA and NRCan on the relationship between DEM accuracy and geolocation accuracy.</p>	COMPLETE
LSI-VC-10-03	<p>Ake to share the current draft of the <b>Lidar PFS</b>.</p>	CLOSED
LSI-VC-10-04	<p>Ake to share information regarding the CARD4L Lidar team and its membership with Jim Irons.</p>	COMPLETE
LSI-VC-10-05	<p>Matt to publish the <a href="#">interoperability terminology developed by LSI-VC &amp; WGISS</a> on the CEOS / LSI-VC / CEOS ARD website(s).</p>	COMPLETE
LSI-VC-10-06	<p>Paul to share details of the tool CSA is developing for users that will generate <b>Radarsat ARD on demand</b>.</p>	COMPLETE
LSI-VC-10-07	<p><b>CEOS GEOGLAM Subcommittee Leadership</b> nominations are sought. Everyone to explore opportunities.</p>	COMPLETE
LSI-VC-10-08	<p>Alyssa to share the list of POCs for agriculture in CEOS and to consider opportunities for more regular meetings of LSI-GEOGLAM and this group of contacts.</p>	COMPLETE

LSI-VC-10-09	Brian, Adam and Matt to explore the idea of a pilot built on the DE Africa platform that will bring together all the land-related datasets that CEOS is compiling for the first UNFCCC Global Stocktake in 2023 and support a country do its reporting.	COMPLETE
LSI-VC-10-10	Stephen / Tim / Matt to ask Sylvia Wilson about potential candidate African countries from the SilvaCarbon network (perhaps Ghana, Rwanda, or Tanzania) for the <b>Global Stocktake Data Cube (on DE Africa infrastructure)</b> referenced in Action LSI-VC-10-09. There should be existing national capacity and drive, hence the suggestion for a SilvaCarbon-linked country.	COMPLETE
LSI-VC-10-11	LSI-VC Leads and Matt to consider an input for CEOS ARD Strategy v2 about the 'Level' of CEOS ARD, and whether CEOS needs to investigate the inclusion of PFS relating to products that are further along the production chain (e.g. so called Level 3/4/5 information products).	COMPLETE
LSI-VC-10-12	Matt to follow up with WGISS regarding increasing the visibility of their <b>processing Level definitions</b> .	COMPLETE
LSI-VC-10-13	Adam/Ed to develop a timetable and process to mature the draft CEOS ARD Governance Framework for SIT/Plenary. This process should include sharing the Framework and 'bare bones' PFS with the LSI and other VCs for feedback.	COMPLETE
LSI-VC-10-14	LSI-VC Leads and Matt to consider an input for CEOS ARD Strategy v2 about machine-to-machine processing.	COMPLETE
LSI-VC-10-15	Matt to add a contact form / details to the CEOS ARD website and consider additional ways to increase connections and communication channels with the community, including through mailing lists, webinars, etc.	COMPLETE
LSI-VC-10-16	Matt to communicate the outcomes of the discussions on assessment streamlining and revision of the CARD4L peer review process to Medhavy, as input for his WGCV-49 planning.	COMPLETE

<b>LSI-VC-10-17</b>	Ake to share the email he has received from the STAC development community. LSI-VC team to consider potential contributions. Matt to include a STAC item on future LSI-VC teleconference agendas.	<b>COMPLETE</b>
<b>LSI-VC-10-18</b>	Matt to include an item on the agenda for LSI-VC-11 or the regular teleconference in September for an SNWG report from Jim Irons / other NASA colleagues.	<b>COMPLETE</b>

**Decisions**

<b>DECISION 01</b>	The Aquatic Reflectance PFS will be endorsed out of session (via email) following LSI-VC-10, to allow time to check that the PFS is achievable at the Threshold level and to consider the possibility of a sample product to accompany the endorsement.
<b>DECISION 02</b>	The Normalised Radar Backscatter & Polarimetric Radar PFS annual revisions will be endorsed out of session (via email) following LSI-VC-10. The extra time will allow a conclusion to the study regarding ionospheric effects on SAR geolocation accuracy and the appropriate pixel value to place on the geometric accuracy fields.
<b>DECISION 03</b>	The 'Threshold' level of a PFS should be developed with consideration of whether the Threshold is achievable with current technologies and science, and with an expectation that providers exist who are likely to produce data to the Threshold specification. Target levels may reflect aspirations for greater rigour that may require leading edge capabilities to be met.
<b>DECISION 04</b>	Streamlining of the assessment process for CEOS ARD compliance is a priority and a range of options should be considered to achieve a good balance of efficiency, timelines and rigour. The option of data providers making a written declaration of self-assessment / compliance with Threshold levels should be included.