**LSI-VC-2 Actions**

**13 March 2017 Update**

Hi Adam (CC: Bianca, Jenn)

Thanks for sending these two actions. Here are the others I recorded (rough):

1.       Brian to look into automatically retrieving S1 acquisition KMLs for COVE. Bianca to share the link to the ESA page. (done)

2.       Jenn to ensure that the FDA-4 CEOS WP reference is elaborated in the next version of the LSI-VC IP.

3.       Jenn to circulate an updated LSI-VC Implementation Plan, which will then be discussed further during the April or May LSI-VC teleconference.

4.       Brian to Follow up with WGISS on the idea of producing an inventory of private sector Sentinel data hubs/portals. (

5.       ESA to send Bimal Webex details for the upcoming ACIX meeting (April 11-12). (Bianca)

6.       Brian requested coverage maps that summarise the quantity and locations of available AWiFS data. Bimal to follow up for us. Jenn to also send USGS materials on this. (Bimal)

7.       LSI-VC to note at the SIT report the interest of the community in the the AVNIR-2 data – Jono to revise this action (raise at SIT the possibility of a request to JAXA regarding making the AVNIR-2 global data set available. ) Jono.

8.       Tadono-san to share the download statistics for the ALOS/JERS global mosaics.

9.       Tadono-san and Brian to discuss ALOS/JERS Forest/Non-Forest global product validation. (Tadono to share paper with Brian)

~~10.   Bianca and Mark to talk on Tuesday morning regarding the Sentinel global mosaics tender (I did not quite catch what this was about).~~

11.   Jenn to investigate missing Landsat data for Switzerland from 1991-1998. Brian to check European EO Browser for missing data (reportedly available). (Closed); (Discussions continuing between ESA and USGS to make the data from Mateara available via USGS processing systems)

12. LSI-VC (AL via BK) to provide the FDA pilots with ARD specifications (in draft and final form) as these become available (e.g., following LSI-VC-3 and SIT respectively) including, as possible, associated guidance on interpretation, access, and use. (there is a lack of specific timelines around the pilots)

13. LSI-VC (AL) to work with FDA team at the SIT tech WS (sept) to ensure that lessons emerging from the Pilots are fed back into the work of the LSI-VC, e.g., in the areas of CARD4L and 10-100m interoperability, during 2017.

14. Brian to reach out to Ake Rosenqvist and Heather McNairn on the specifics of the SAR ARD processing flow.

15. Adam to get Brian a SPOT-5 Surface Reflectance Python script from Stuart Phinn for the SEO/Data Cube.

16. SAR in Canada: updated and improved flood mapping system, specific areas. ACTION: Paul to find out if an algorithm is shareable?

17. Progress the surface reflectance specification document through teleconferences (TIM #2?) and face-to-face at SIT.

18. Brian and Adam to take a stab at the SAR Backscatter Product Family Specification, and set up a TIM to progress the specification with the team.

19. Mark asked whether any agency has had success working with the private sector to release down-sampled/higher-level products. ACTION: Paul to share a Canadian example.

20. Mark, Brian and LSI-VC Leads to revisit CARB-08-03/04, document the process, and publish results publicly as a CEOS Carbon Strategy outcome (maybe adding reference to potential MIM database improvements).

21. Reach out to JAXA re: raising the IPCC Guidelines topic at SIT-32.

22. SEO to look at the terrestrial chapter of the CEOS Carbon Strategy, constrain the rows in the requirements matrix, see what high-level requirements exist. Mark Dowell to reach out to Stephen Plummer for guidance.

23. Mark Dowell to reach out to GEO re: having GEO Carbon and GHG Initiative experts fill out any template supplied by LSI-VC/CEOS.

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| **Action 01** | *Adam Lewis to share the Catapult report: ‘Collaborative Synthetic Aperture Radar Solutions for Australia’, along with any other supporting materials.* | **COMPLETE** | |
| **Action 02** | *Jeff Masek to share the EARSeL presentation on the harmonized Landsat/Sentinel-2 (HLS) processing system.* | **COMPLETE** | |
| **Action 03** | *Adam Lewis to communicate to the ESA MIM Database team (perhaps via the expected CEOS information systems survey): LSI-VC’s understanding of the limitations of the CEOS MIM Database, and to share suggested technical improvements for consideration.* | **CLOSED** | |
| **Action 04** | *Bianca Hoersch to inform the LSI-VC about the schedule for:*   1. *the migration to Sentinel-2 tiles; and,* 2. *the reprocessing of the existing archive.* | **COMPLETE**  **Tiles will be available in September and the first Commissioning Phase reprocessing will be done by the end of the year.** | |
| **Action 05** | *Jenn Lacey to share Brian Sauer’s Landsat Science Team meeting presentation related to data collection management.* | **COMPLETE** | |
| **Action 06** | *Jonathon Ross to investigate whether the SAR WOfS algorithm developed through the Australia-UK Catapult project can be shared.* | **COMPLETE**  **Cannot be shared** | |
| **Action 07** | *Brian Killough to send Bianca Hoersch and Jonathon Ross the list of Pacific Islands of interest to the World Bank regarding Data Cube development. Bianca Hoersch to check acquisition possibilities with Sentinel-2.* | **COMPLETE**  **All priorities added within S2 plan** | |
| **Action 08** | *Adam Lewis to coordinate LSI-VC action on ‘CARB-08-02: Inclusion of IGCO continuity priorities in VC and WGClimate activities’. Brian to send Adam the IGCO document.* | **October 2016** | |
| **Action 09** | *Brian Killough to make some final adjustments to the SEO’s CARB-08-03 and CARB-08-04 responses and to circulate the spreadsheets to LSI-VC members for review and submission to Mark Dowell.* | **COMPLETE** | |
| **Action 10** | *LSI-VC Leads to ensure that the due date for CARB-08-06 is changed and to assess the potential overlap with the CEOS Water Strategy.* | **COMPLETE** |
| **Action 11** | *Leads to ensure that all four of the LSI-VC CARB-08 actions are updated/deferred to by the end of August in preparation for SIT Technical Workshop.* | **COMPLETE** |
| **Action 12** | *Jonathon Ross/Matt Steventon to share the full CARB-08 action spreadsheet, which includes details of the supporting CEOS entities for each action.* | **COMPLETE** | |
| **Action 13** | *Brian Killough, Jenn Lacey and Bianca Hoersch to initiate a plan for LSI-VC to establish the ‘CEOS approach’ to requirements/capability analysis – applying the procedures that have been developed in GEOGLAM and SDCG, in particular the ‘requirements matrix’.* | **LSI-VC-3** | |
| **Action 14** | *Adam Lewis and Brian Killough to explore the possibility of setting up a small Data Cube over Australia for validation of the SEO’s implementation of the WOfS algorithm by comparing the results to GA’s.* | **Q3 2017** | |
| **Action 15** | *LSI-VC members to provide feedback on the CEOS Data Cube 3-Year Work Plan.* | **COMPLETE** | |
| **Action 16** | *Brian Killough to investigate the CNES SPOT-5 Data Cube with Steven Hosford.* | **COMPLETE**  **No plans** | |
| **Action 17** | *Brian Killough and Alyssa Whitcraft to add the specification table to the CARD4L specification document.* | **COMPLETE** | |
| **Action 18** | *Bianca Hoersch to explore the possibility of ESA ESRIN hosting LSI-VC-3 from March 20th – 21st .* | **COMPLETE Confirmed (rooms D and E)** | |
| **Action 19** | *Brian Killough to circulate both of the CARD4L documents (high-level definition and example specifications) for review.* | **COMPLETE** | |
| **Action 20** | *Adam Lewis to draft the task and potential membership of a radar team to progress the example specifications of SAR CARD4L. Membership should include JAXA, ESA (Bianca is POC), CSA (Paul Briand has confirmed), NASA, and UKSA. The team should start with the gamma-nought specification, and it was noted that the high-level definition is outside of scope.* | **October 2016** | |
| **Action 21** | *Jenn Lacey to coordinate an update of the LSI-VC Implementation Plan ahead of CEOS Plenary.* | **LSI-VC-4** | |
| **Action 22** | *Matt Steventon to speak with the ESA SIT Chair team to try and have the GEOGLAM SIT TW side meeting moved to Tuesday, in parallel with the VC/WG Day.* | **CLOSED**  **Not necessary as there is no overlap on Monday** | |
| **Action 23** | *Matt Steventon to ensure that all shareable presentations are on the LSI-VC-2 website.* | **COMPLETE** | |