**LSI-VC-4**

**6 – 8 September 2017**

**ESA ESRIN, Frascati, Italy**

LSI-VC-4 will take place as a component of an ‘expanded’ CEOS land surface imaging meeting, co-located with thematic teams/sessions related to forests (SDCG-12) and agriculture (Ad-hoc WG for GEOGLAM). The meeting seeks to test the value of such a joint forum, as a first step toward the rationalisation of CEOS land surface imaging activities.

Objectives of the specific LSI-VC-4 sessions include:

1. Reflecting upon and preparing inputs for the joint sessions on land surface imaging requirements, CEOS Analysis-Ready Data for Land (CARD4L), and Moderate Resolution Interoperability (MRI).
2. Reviewing the progress on CARD4L and confirming the next steps:
   1. Agree the approach and responsibilities for preparation of a strategy to engage data providers in the provision of CARD4L;
   2. Agree on approaches to implementing and maintaining Product Family Specifications (PFS) (i.e., including review processes);
   3. Agree the approach and responsibilities for preparation of the CARD4L Assessment Framework;
   4. Develop an approach to monitoring the uptake of, and benefits from, CARD4L;
   5. Discuss the CARD4L/LSI-VC role in a broader CEOS ARD strategy.
3. Review the LSI-VC Implementation Plan and confirm a procedure for updating it annually.
4. Revisit the discussion around GOES-16 surface reflectance products and how LSI-VC might accelerate their release as CARD4L-compliant products.
5. Review the progress of the MRI initiative and agree on recommendations to take to SIT Technical Workshop and CEOS Plenary.
6. Hear agency updates related to CARD4L Production and FDA Plans to inform the way forward with CARD4L and FDA Pilots.
7. Prepare for SIT Technical Workshop and CEOS Plenary.

**Agenda**

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| **Wednesday 6th September**  *LSI-VC-4 Afternoon Session*  Location: Magellan | | | |
| **Session 1: Welcome, Morning Joint Session Reflection**  *Chair: M. Steventon* | | | |
| **1.1** | 14:00 | Welcome | LSI-VC Leads |
| **1.2** | 14:05 | Morning Joint Session Reflection | All |
| **1.3** | 14:20 | LSI-VC-3 Action Recap | M. Steventon |
| **Session 2: CEOS Analysis-Ready Data for Land (CARD4L)**  *Chair: J. Lacey (USGS)* | | | |
| **2.1** | 14:30 | Approach/Strategy to Engaging Data Providers in the Provision of CARD4L  **Expected Outcomes:** Agree the approach and responsibilities for preparation of a strategy to engage data providers in the provision of CARD4L; Develop an approach to monitoring the uptake of, and benefits from, CARD4L. | A. Lewis  *GA* |
| **2.2** | 15:00 | CARD4L Assessment Framework  **Expected Outcomes:** Agree the approach and responsibilities for preparation of the CARD4L Assessment Framework | A. Lewis  *GA* |
| **2.3** | 15:30 | CARD4L Product Family Specifications (PFS) ‘Maintenance’  **Expected Outcomes:** Agree on approaches to implementing and maintaining Product Family Specifications (PFS) (i.e., including review processes) | A. Lewis  *GA* |
| **2.4** | 16:00 | CARD4L/LSI-VC Role in a Broader CEOS ARD Strategy  **Expected Outcomes:** Discuss the CARD4L/LSI-VC role in a broader CEOS ARD strategy | A. Lewis  *GA* |
| ***16:30 — Break*** | | | |

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| **Session 3: LSI-VC Implementation Plan**  *Chair: B. Hoersch (ESA)* | | | |
| **3.1** | 16:45 | LSI-VC Implementation Plan   * Progress Review * Procedure for Annual Updates   **Expected Outcomes:** take stock of where we are and what tasks need to be given more attention, and agree a process for annually updating the Implementation Plan | J. Lacey  *USGS* |
| **Session 4: GOES-16 Surface Reflectance Products**  *Chair: A. Lewis (GA)* | | | |
| **4.1** | 17:15 | GOES-16 CARD4L   * Review of document and feedback received to date   **Expected Outcomes:** gather further feedback and ideas for the document | K. Gallo  *NOAA* |
| **Session 5: Day 1 Close** | | | |
| **5.1** | 17:45 | Recap and Closing Remarks | LSI-VC Leads |
| ***18:00 — Adjourn*** | | | |

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| **Thursday 7th September**  *LSI-VC-4 Morning Session*  Location: Magellan | | | | |
| Session 6: Agency Updates (Focus on CARD4L Production and FDA Plans) *Chair: A. Lewis (GA)*  **Expected Outcomes:** Gain an understanding of agency CARD4L Production and FDA Plans to inform the way forward with CARD4L and FDA Pilots. | | | | |
| **6.1** | 09:00 | | USGS | J. Lacey  *USGS* |
| **6.2** | 09:15 | | ESA | B. Hoersch  *ESA* |
| **6.3** | 09:30 | | CSA | P. Briand  *CSA* |
| Session 7: Moderate Resolution Interoperability Initiative *Chair: J. Lacey (USGS)* | | | | |
| **7.1** | 09:45 | | * Synergy with CARD4L and FDA * Coordination with GFOI and GEOGLAM * Transition to 2018: Framework, case studies and Survey * Recommended way forward to SIT Technical Workshop and CEOS Plenary   **Expected Outcomes:** Recommendations to take to SIT TW and Plenary for transition to new CEOS Chair team in 2018 | G. Fosnight  *USGS* |
| ***10:30 — Break*** | | | | |
| **Session 8: Afternoon Joint Session Preparation and Close**  *Chair: M. Steventon* | | | | |
| **8.1** | | 10:45 | * LSI-VC-4 Recap * Preparation of LSI-VC-4 ‘Main Outcomes’ for the Joint Session * SIT TW and CEOS Plenary Inputs   **Expected Outcomes:** Materials for the closing joint sessions, SIT TW, and CEOS Plenary | LSI-VC Leads |
| **8.2** | | 11:45 | Extra Discussion Time   * Potential Topics: IPCC AFOLU Guidelines, … | LSI-VC Leads |
| **8.3** | | 12:45 | Closing Remarks, Review of Actions | LSI-VC Leads, M. Steventon |
| ***13:00 — Lunch / Adjourn*** | | | | |

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