LSI-VC-5

Agenda

21-23 February 2018

RESTEC Headquarters: TOKYU REIT Toranomon Building
2nd floor, 3-17-1 Toranomon, Minato-ku, Tokyo

https://global.gotomeeting.com/join/669567893
Access Code & Meeting ID: 669-567-893

United States: +1 (646) 749-3129	Ireland: +353 15 360 728
Australia: +61 2 8355 1040	Italy: +39 0 247 92 13 01
Austria: +43 7 2088 0034	Netherlands: +31 208 080 219
Belgium: +32 28 93 7018	New Zealand: +64 9 909 7888
Canada: +1 (647) 497-9350	Norway: +47 75 80 32 07
Denmark: +45 69 91 88 64	Spain: +34 955 32 0845
Finland: +358 923 17 0568	Sweden: +46 853 527 836
France: +33 170 950 592	Switzerland: +41 435 0167 13
Germany: +49 692 5736 7211	United Kingdom: +44 330 221 0086

Wednesday 21 February

Session 1: Opening

Outcomes: a clear understanding of the CEOS context and the plan for this meeting, as well as an up-to-date action record.

Session Chair: M. Steventon

09:00	Welcome	LSI-VC Leads, T. Tadono
09:10	Meeting objectives and agenda overview	LSI-VC Leads
09:20	CEOS Work Plan Overview	S. Hosford
09:35	LSI-VC CEOS Work Plan Tasks/Deliverables and LSI-VC Implementation Plan - 2018-20 overview - Update cycle	J. Lacey
09:50	The Big Picture: CEOS Status/Overview and LSI-VC's Role	S. Hosford
10:20	Action review	M. Steventon

	10:30 – Break	
Session 2: Agency Reports (10 mins + 5 mins questions) **Outcomes:** Agency representatives will review their agency's objectives of LSI-VC engagement, and report on the current state of ARD, FDA, etc. within their agency/country. **Session Chair:** J. Lacey	
10:45	USGS	J. Lacey
11:00	GA - IGARSS paper progress; US Cal-val workshop and pending paper by Helder et al; Abstract for *Remote Sensing;* Messages from the second Open Data Cube (ODC) conference and implications for ARD	A. Siqueira
11:15	JAXA - PALSAR-2 ARD Overview	T. Tadono / T. Okumura
11:30	ESA	S. Mecklenburg
11:45	EC/JRC	Z. Szantoi
12:00	Surface Reflectance ARD in Europe	S. Mecklenburg / S. Hosford / M. Berger
12:15	NASA	D. Jarrett
12:30	CEOS SEO - Multi-Mission Coverage Analysis: A COVE Coverage Analysis Supporting the Need and Potential for Satellite Data Interoperability	B. Killough
12:45	ISRO	B. Bhattacharya
13:00	Closing remarks - Increasing team engagement and leveraging agency activities to progress LSI-VC tasks and deliverables - Discussion	J. Lacey
13:30 – Lunch	
Session 3a: CEOS Analysis-Ready Data for Land (CARD4L) Overview **Outcomes:** Recap the state of play with the CARD4L initiative **Session Chair:** S. Mecklenburg	

14:30	Status Report on Analysis-Ready Data Usage - User paradigm shift - Future Data Architectures - CEOS FDA pilots, including Data Cube, etc. - Status of ARD for Landsat, S1, S2, ALOS.	B. Killough
14:45	ESA WGCV SAR Subgroup Interaction & SAR ARD Study	S. Mecklenburg / S. Hosford / M. Berger
15:00	CEOS Analysis-Ready Data for Land (CARD4L) Framework Recap - **Outcome:** participants are reminded of the Framework structure and its development	A. Siqueira
15:15	CEOS Analysis-Ready Data for Land (CARD4L) Implementation Phase Overview	J. Ross
15:30 – Break		
15:45	LSI-VC CEOS Work Plan Discussion – CARD4L	J. Lacey, All
17:00 – Adjourn		

Thursday 22 February

Session 3b: CARD4L Implementation Phase #1
Outcomes: Road-map for, and understanding of the key elements of, the next phases CARD4L implementation. Master schedule for the CARD4L initiative that can be broadly published.
Session Chair: J. Ross

09:00	CARD4L Product Family Specifications (PFS) for Surface Reflectance, Land Surface Temperature, Radar Backscatter - **Working discussion:** the outcomes of additional telecoms to review the PFS; rationale for changes; process for future revision (capture and synthesise	A. Siqueira

		feedback; workshop proposed changes; release of next revision to the specifications). - **Background materials:** current PFS and summary table of changes - **Outcome:** Understanding of the process of revision for the PFS and the types of feedback that are being received for incorporation.	
09:30		CARD4L Product Assessment Framework - **Working discussion:** assessment process; assessment specifics; self assessment vs. centralised assessment; CARD4L catalogue; outreach; feedback to PFS; CARD4L product reports; - **Background materials:** Slide 8 provides *the proposed process* for discussion and refinement. - **Outcome:** actions for a first formal draft of the CARD4L Product Assessment Framework	All, J. Ross
11:00 – Break			
11:15		LSI-VC CEOS Work Plan Discussion – CARD4L Product Assessment Framework	J. Lacey, All
12:00 – Lunch			
Session 3c: **CARD4L Implementation Phase #2** **Outcomes:** A plan for engagement with data providers. **Session Chair:** J. Ross			
13:00		Engaging Data Providers in CARD4L - **Strategy working discussion:** encouraging data providers to adopt the CARD4L concept and assess products as such; cost-benefit of ARD production; pilot CARD4L for CEOS activities; roadmap for CARD4L production; CARD4L workshops; outreach; how does the CARD4L Definition compare with other definitions that are emerging? - **Background materials:** see diagram on slide 10 which establishes a framework of agreed actions (at previous SIT meeting) that we have been progressing.	All, J. Ross

	- **Outcome:** actions for a first formal draft of a data provider engagement strategy.	
14:30	LSI-VC CEOS Work Plan Discussion – Engaging Data Providers in CARD4L	J. Lacey, All

15:00 – Break

Session 4: Moderate Resolution Interoperability (MRI) Initiative
Outcomes: Clarity on the way forward for MRI (tasks, leads, team, resources), and on the distinction between CARD4L and MRI.
Session Chair: D. Jarrett

15:15	MRI Framework recap	J. Lacey
15:25	FDA Context	S. Hosford
15:35	Discussion on product interoperability and the distinction between CARD4L and MRI	S. Hosford
15:55	Discussion on the overall MRI objectives, principles and long-term roadmap	All
16:10	Ongoing L8-S2 MRI activity: NASA HLS	D. Jarrett for J. Masek
16:25	Discussion on next steps and the 2018 WP + LSI-VC CEOS Work Plan Discussion	J. Lacey, All

17:00 – Adjourn

Friday 23 February

Session 5: Requirements Assessment / Carbon
Session Chair: J. Lacey

09:00	Recap of requirements assessment / carbon discussions from the September 2017 joint LSI-VC, GEOGLAM, SDCG meeting + LSI-VC CEOS Work Plan Discussion	A. Whitcraft, All

10:00 – Break

	Session 6: Upcoming Meetings **Outcomes:** Agreement on the general plan for participation in upcoming meetings. **Session Chair:** B. Killough	
10:15	LSI-VC-6 / SDCG-14 / GEOGLAM Joint Meetings - Questionnaire to formally get feedback from GFOI countries on the ARD products and their value. - **Discussion:** what is needed from the SDCG for GFOI and CEOS-GEOGLAM ad hoc Working Group (feedback on the utility of CARD4L and MRI, a clear statement of the thematic communities' needs, guidance on how agencies can better service user communities); ideas for the joint meeting in September.	S. Ward, All
10:40	SIT-33	All
	Session 7: Closing **Outcomes:** CEOS Work Plan task confirmation, action review, meeting summary **Session Chair:** M. Steventon	
11:00	Discussion on any necessary CEOS Work Plan task changes following sessions 4 to 7.	All
11:15	Action Review	M. Steventon
11:30	Meeting Summary	LSI-VC Leads
11:40	Closing Remarks	LSI-VC Leads, T. Tadono
11:50 – Adjourn		