

CEOS SEC-221 Report

Entity: WGDIsasters

Prepared By: Simona Zoffoli (Italian Space Agency) and Stéphane Chalifoux (Canadian Space Agency)

Updates on issues raised during the last CEOS SEC teleconference

(Dot points)

- None

Issues requiring discussion/decision during current CEOS SEC teleconference

(Dot points)

- Need to appoint a Vice-Chair (and Chair) of the WGDIsasters starting next Plenary.

Other highlights, activities, actions, projects, collaborations

(Dot points, e.g. outputs, new products, papers, technical reports, media, pipeline and new projects, interactions, project status changes, new opportunities)

- The Disaster Risk Management (DRM) pilot initiatives on floods, seismic hazards and volcanoes continue to make significant progress. Regular provision of satellite data to Pilots and Supersites. The pilot teams are summarizing what has been learned and preparing recommendations with a focus on the sustainability aspect, for after these pilots formally conclude their work at the end of 2017 for consideration by CEOS Plenary. No issue to report.
- Recovery Observatory (RO): Malawi and Nepal demonstrators are wrapping up, with feedback being sought from the end users on the products tested. In Malawi, the focus of the effort was on agricultural monitoring and infrastructure. In Nepal, the product developed dealt with housing reconstruction monitoring. For the Hurricane Matthew RO over Haiti, a successful mission took place the week of January 30th led by CNES together with GFDRR and members meet with national and international partners in Port-au-Prince. The mission aimed to solidify the partnership and validate information needs. A 2nd Haiti meeting (user workshop) is planned for Late April or June in Haiti.
- GEO-DARMA began in mid-October, starting with its Concept Phase, which has a goal of Identifying hazards that have large regional impacts and transboundary risks that require regional and multi-country involvement. This Concept Phase is planned to wrap up in summer 2017, and the first projects are expected to be put forward for approval at the fall CEOS meetings.
- GSNL: A series of new proposals are expected in the coming weeks; up to three proposals: Chile, DR of Congo, Peru (Andes – multi-hazard supersite proposal). DLR, ASI and ESA support the San Andreas Fault Natural Laboratory proposal. Endorsement requests for new GSNL might be on the agenda of the SIT-32.

Upcoming meetings or events

(Dot points, e.g. meetings, conferences of relevance, visits)

- The 7th CEOS WGDIsasters meeting, hosted by the Italian Space Agency (ASI), will be held in Rome, Italy, from March 14 to 16, 2017.
- A GEO-DARMA (Data Access for Risk Management) Kick-off Workshop will be held the morning of March 14 in conjunction with the March 2017 WGDIsasters meeting.
- Global Platform for Disaster Risk Reduction, May 2017, Mexico, organized by The United Nations Office for Disaster Risk Reduction.
- 8th CEOS WGDIsasters meeting, hosted by CONAE with NASA support, is in the planning phase and is envisaged to be held in Buenos Aires, Argentina, from September 4 to 8, 2017.

Attachments

(e.g. pictures, figures, graphs, links – for use in overall CEOS reporting and as website resources etc.)

CEOS SEC-221 Report

Entity: WGClimate

Prepared By: Jörg Schulz (EUMETSAT) – Pascal Lecomte (ESA)

Updates on issues raised during the last CEOS SEC teleconference

(Dot points)

- The 7th WGClimate meeting has been held in Saõ José dos Campos hosted by INPE on February 8th and 9th, 2017. This was preceded by a special meeting on the Space Agency Response to the GCOS IP (Implementation Plan) writing team on February 7th.
- **GCOS IP response:**
 - Writing team set up completed and schedule agreed (see below);
 - Document structure agreed aiming at a lighter document compared to the past but still addressing all GCOS actions and also providing feedback to the requirements process within GCOS.
- **7th WG Climate meeting:**
 - Underscored the very impressive progress on the ECV inventory population and the highly valued work of the EUMETSAT support team;
 - Placed emphasis on the ambitious and critical schedule (see below) for the gap analysis, including the need for: a) a Gap Analysis Coordinator which will in place in March, b) extension of the domain specific gao analysis teams, and c) maximum automation in the Gap Analysis process;
 - Elected John Dwyer of USGS to be proposed as new Vice-Chair to be confirmed at CGMS and CEOS plenaries.

Issues requiring discussion/decision during current CEOS SEC teleconference

(Dot points)

- The call to support the population of the Cycle 2 ECV Inventory has been issued on June 2nd 2016 and is now closed for new entries with one exception (see below).
- Number of people contacted (WGClimate members from all listed CEOS/CGMS agencies + Focal Points + other effective/potential Responders): ~160. 150 registered Responders, of which 90 are/were active.
- Explicit feedback received from UKSA, EUMETSAT, ESA, NASA, NOAA, JAXA, KMA, USGS, UK Met Office, DLR, ISRO, EC, INPE, CMA, CNES, CSA, NSC, JMA; no feedback from ASI, Roshydromet.
- Input received from ESA, EUMETSAT, NASA, NOAA, UKSA, CNES, USGS, JAXA, EC, CSA, JMA.
- At a WMO workshop on use of satellite data for monitoring of weather and climate extremes we detected a potential contribution from CMA (8 atmospheric ECV data records for the future part of the Inventory) which we will try to realise until end of March 2017.
- **761 entries (518 existing data records + 243 planned data records), covering ~80% of the listed physical quantities (spanning across 28 of the 29 ECVs in GCOS-154). [71% Atmosphere, 17% Land, 12% Ocean]**
- Verification process ongoing (10% finalised, ~50% being iterated with Responders, 17% under review and re-review). We aim at finishing the verification process by the end of March 2017.

Other highlights, activities, actions, projects, collaborations

(Dot points, e.g. outputs, new products, papers, technical reports, media, pipeline and new projects, interactions, project status changes, new opportunities)

- At 7th WG Climate WCapD has expressed interest on the use of the ECV Inventory for training purposes. This is in accordance with interest of the WMO/CGMS VLab on the ECV Inventory manifested in a CGMS action. Both will be satisfied by the publication of the Cycle #2 ECV Inventory until summer 2017.

Upcoming meetings or events

(Dot points, e.g. meetings, conferences of relevance, visits)

- The overall schedule of events and milestones for finalising the response to the GCOS IP and the ECV Inventory related analyses and other reporting is:
 - 22/03/2017 Report to WCRP Data Advisory Council (Frascati – Italy)
 - 25/04/2017 CEOS SIT (Paris – France)
 - 08/06/2017 SBSTA-46 – Status report (Bonn – Germany)
 - 12/06/2017 Work paper on progress to CGMS plenary (Seoul – Korea)
 - 01/08/2017 Cycle #2 Gap Analysis report ready
 - 11/09/2017 2nd Face to Face meeting on GCOS IP response (Frascati – Italy)
 - 12/09/2017 WGClimate #8 meeting (Frascati - Italy)
 - 13/09/2017 CEOS SIT Workshop (Frascati – Italy)
 - 01/10/2017 Cycle #2 Coordinated Action Plan ready
 - 06/10/2017 Draft response sent to SBSTA-47
 - 18/10/2017 CEOS plenary (Rapid City – USA)
 - 06/11/2017 SBSTA-47 and COP-23 (Bonn – Germany)

Attachments

(e.g. pictures, figures, graphs, links – for use in overall CEOS reporting and as website resources etc.)

None

CEOS SEC-221 Report

Entity: WGISS (Working Group on Information System and Services)

Prepared By: Andrew Mitchell – Chair (NASA) / Mirko Albani Vice Chair (ESA)

Updates on issues raised during the last CEOS SEC teleconference

(Dot points)

- WGISS Vice Chair Nomination – Awaiting response from the CEOS agency which expressed interest in putting forward a nominee. They are considering the four-year commitment which would begin in Nov 2017.

Issues requiring discussion/decision during current CEOS SEC teleconference

(Dot points)

- None

Other highlights, activities, actions, projects, collaborations

(Dot points, e.g. outputs, new products, papers, technical reports, media, pipeline and new projects, interactions, project status changes, new opportunities)

- WGISS is set to begin **defining a preliminary set of “requirements” for a future Carbon Portal** that would be developed in collaboration with WG Climate and CEOS Carbon leads. Starting this discussion in parallel with the ongoing work to define ECVs and Carbon requirements allows WGISS to identify an initial list of ECVs that are key for Carbon and start putting together a list of relevant data collections from identified providers.
- WGISS, **Richard Moreno (CNES)** has accepted to **co-chair the CEOS Chair Moderate Resolution Sensor Interoperability (MRI) initiative**. MRI recognizes WGISS as the lead of coordinator of the definition of interoperable metadata.
- WGISS members responded to the Future Data Architectures (FDA) Strategy questionnaire. The intention is to provide the FDA with an understanding of where the centre of gravity lies with regards to emphasis of the CEOS FDA strategy.
- Hosting the first **Technology Exploration webinar on March 14th on ‘Data Search Relevancy’**. The **GEODAB (GEO Data Access Broker) will be co-presenting** along with WGISS members. (Search Relevancy ranking is the process of sorting data results so that those data which are most likely to be relevant to your query are shown at the top.)
- WGISS has been invited to give a keynote presentation during the **GEO Data Provider’s Workshop** in April on the GEO/GCI Success Story of **GCI-CEOS Interoperability Achievements and Next Steps**.

Upcoming meetings or events

(Dot points, e.g. meetings, conferences of relevance, visits)

- WGISS 43 – April 3-7, 2017 Annapolis, Maryland US
 - Hosted by NASA
 - Technology Exploration Workshop
 - Future Data Access and Analysis Prototype Systems
 - WGISS GEOSS Interoperability Workshop
- WGISS 44 – September 25-29, 2017 Beijing, China
 - Hosted by Chinese Academy of Sciences

Attachments

(e.g. pictures, figures, graphs, links – for use in overall CEOS reporting and as website resources etc.)

CEOS SEC-221 Report

Entity: WGCapD

Prepared By: Senthil Kumar (ISRO) and Phila Sibandze (SANSA)

Updates on issues raised during the last CEOS SEC teleconference

(Dot points)

- NIL

Issues requiring discussion/decision during current CEOS SEC teleconference

(Dot points)

- With attention drawn for ensuring full access and exploitation of Copernicus Sentinel data in forthcoming SIT meeting, WGCapD will be interested to ask if CB support to conduct some training / workshops on the data access and applications

Other highlights, activities, actions, projects, collaborations

(Dot points, e.g. outputs, new products, papers, technical reports, media, pipeline and new projects, interactions, project status changes, new opportunities)

- A draft document on Best practices for Capacity Building has been circulated to all WGs, VCs, AHTs for their feedback to finalize the document.
- SAR Training workshops held in Nepal (September, 2016), Zambia (October- 2016), South Africa (January-2017) and Gabon (February-2017).

Upcoming meetings or events

(Dot points, e.g. meetings, conferences of relevance, visits)

- WGCapD Annual Meeting is scheduled on March 26-29, 2017.
- Asian Conference on Remote Sensing 2017 is planned to be scheduled in October 2017 in New Delhi, India. This is one of the major RS events in Asia, and would like to invite participation from WGs, VCs, AHTs for their contribution.

Attachments

Overall details for ACRS 2017: <http://acrs2017.org/>

CEOS SEC-221 Report

Entity: WGCV

Prepared By: Kurtis Thome (NASA)/Cindy Ong (CSIRO)

Updates on issues raised during the last CEOS SEC teleconference

(Dot points)

- Second GSICS/WGCV Reference Solar Spectrum web meeting was held Feb. 14, 2017 with an emphasis on how best to inform users of how best to select a reference spectra for surface reflectance retrieval and interoperability. The results of the effort will be summarized in a report from WGCV in Fall 2017
- RadCalNet Beta testing is continuing with 15 registered users evaluating the web site. Results of the beta testing will be presented at the WGCV/IVOS meeting in March.

Issues requiring discussion/decision during current CEOS SEC teleconference

(Dot points)

- None

Other highlights, activities, actions, projects, collaborations

(Dot points, e.g. outputs, new products, papers, technical reports, media, pipeline and new projects, interactions, project status changes, new opportunities)

- Results of the Atmospheric Correction Intercomparison as part of the ACIX Task team will be presented at a workshop in April being hosted by ESA ESRIN. 14 Atmospheric Correction teams took part in the intercomparison.
- WGCV Vice Chair is part of the Moderate Resolution Sensor Interoperability Formulation Team to Opened discussions with CEOS Chair to address the Chair's initiative on Moderate Resolution Sensor Interoperability and how WGCV can assist in developing the framework for land moderate resolution interoperability leading to initial case studies.
- Efforts begun by LPV Subgroup to summarize current list of validated land data products relevant to Carbon Strategy, documenting validation framework and protocols, and providing guidance for online platform for intercomparison of terrestrial carbon products, and addressing biomass topics
 - Move toward closing Carbon Action #8 and making significant progress on five other Carbon Actions
 - LPV and WGCV Secretariat taking lead on initial set of three WGCV-assigned actions
 - Further actions to be assigned to broader WGCV at May WGCV plenary

Upcoming meetings or events

(Dot points, e.g. meetings, conferences of relevance, visits)

- CEOS WGCV / IVOS meeting hosted by University of Arizona, Tucson, March 2017
- ACIX Task Team meeting April 11-12, 2017 hosted by ESA ESRIN, Frascati, Italy
- CEOS WGCV plenary hosted by USGS, EROS Data Center Sioux Falls, May 2017

Attachments

(e.g. pictures, figures, graphs, links – for use in overall CEOS reporting and as website resources etc.)

CEOS SEC Report

Entity: CEO

Prepared By: Jonathon Ross (CEO, Geoscience Australia)

Updates on issues raised during the last CEOS SEC teleconference

(Dot points)

- **CEOS Work Plan 2017-2019.** Draft V0.5 has been circulating including input from all CEOS Entities except for OST-VC. No response was provided by this group at all from December until now. The 2017-2019 work plan seems well balanced across the themes of CEOS activity! Suggested revisions are due by 3 March, although the window will be kept open until COB 6 March. A final revision, with a short review period for ceos-sec, will be prepared based on these inputs. A virtual endorsement, consistent with the process agreed at Plenary, will follow.
- **WIGOS Vision 2040.** A draft letter was circulated for ceos-sec comment. No comments were received by the 24 February deadline, so it will be recommended for CEOS Chair signature.

Issues requiring discussion/decision during current CEOS SEC teleconference

(Dot points)

- **Outcomes from CEOS-GEO Coordination Meeting.** The 2017 CEOS-GEO coordination meeting was focussed at a higher-level than previous meetings, with the discussion focussed on the following themes:
 - The Global Goals for Sustainable Development
 - Climate Change
 - The Sendai Framework for Disaster Risk ReductionA number of tactical follow-on actions were agreed, although it was noted by both sides that coordination is working well, particularly as a result of the more 'top down' focus of the Programme Board on the Sustainable Development Goals, following guidance from ExCom and Plenary. The ongoing lack of a dedicated disasters expert in the GEOSEC was noted. CEOS reps noted their support for a focus, in 2017, on identifying practical activities taking place at national/level/regional level that can a) act as exemplars for the value of EO in the real world, with 'real world' users becoming advocates to their peers in similar roles in other countries/regions. It was noted GEO's convening power could then be bought to bear to 'scale up' these activities as willing users come forward based on the good news stories from peers. The 'future data architectures' work, and in particular the CEOS Data Cube, was noted as an area of interest for GEOSEC. GEOSEC have agreed to promote wide participation in the 'open source' community that is being fostered around the CEOS Data Cube. Gary and Osamu from GEOSEC have agreed to participate in the FDA activity. The issue of whether regional initiatives (AfriGEOSS, AmeriGEOSS and Asia-Oceania GEOSS) were fully connecting to domain-relevant initiatives (e.g. GEO-DARMA) was also discussed, and identified as an area where further work is required. The value of CEOS nomination a representative to a GEOCARBON high-level advisory committee was also noted, with CEOS reps noting the issue of nominations for advisory committees of GEO Initiatives/Flagships is an open question.
- **COVERAGE Initiative.** The COVERAGE Initiative was presented at the 2016 SIT Tech Workshop. It will be presented for approval as an official CEOS Initiative at SIT-32. Subject to a successful outcome in Plenary session, it is proposed a v1.1 of the CEOS Work Plan including COVERAGE be released after SIT-32.

Other highlights, activities, actions, projects, collaborations

(Dot points, e.g. outputs, new products, papers, technical reports, media, pipeline and new projects, interactions, project status changes, new opportunities)

- **IAC 2017.** IAC 2017 will be held in Adelaide, Australia, in 2017. An abstract for an update on CEOS activities has been submitted for the “Earth Observation Symposium” section of the programme, consistent with previous years. The update will be delivered by CEOS Chair or an identified representative.
- **CEOS Working Group leadership transitions.** As of 22 February transitions remain unclear for:
 - o WGCapD
 - o WGISS
 - o WGDisasters
 - o SIT Vice-Chair
 - o CEO

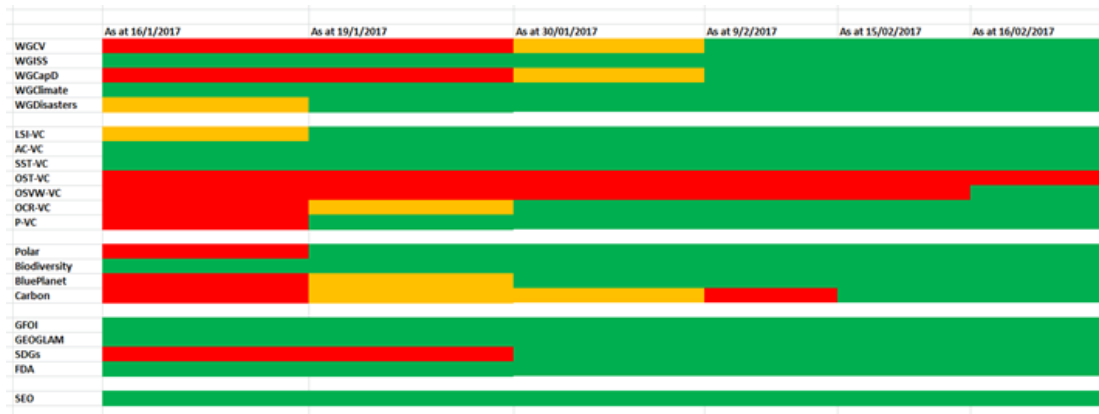
Upcoming meetings or events

(Dot points, e.g. meetings, conferences of relevance, visits)

- See CEOS Calendar.

Attachments

(e.g. pictures, figures, graphs, links – for use in overall CEOS reporting and as website resources etc.)



CEOS SEC-221 Report

Entity: SIT Chair Team

Prepared By: SIT team (ESA)

Updates on issues raised during the last CEOS SEC teleconference

(Dot points)

- None

Issues requiring discussion/decision during current CEOS SEC teleconference

(Dot points)

- None

Other highlights, activities, actions, projects, collaborations

(Dot points, e.g. outputs, new products, papers, technical reports, media, pipeline and new projects, interactions, project status changes, new opportunities)

- The SIT team is working on the preparation of both the next SIT-32 meeting taking into account in particular the decisions from the last 30th CEOS Plenary (1-2 Nov. 2016, Brisbane) and from the GEO-XIII Plenary (9-10 Nov. 2016, St Petersburg).
- The first round of the 2017 teleconferences between the SIT Chair team and the 12 CEOS Working Groups and Virtual Constellations is completed. One major issue concerns the leadership of the OST-VC; only one of the two co-leads was present but was hardly in a position to report on recent activities since he had not attended the OST-VC meeting in La Rochelle in October 2016. Besides, his role evolving in his own organisation and he confirmed he will not attend SIT-32. It is the second time in a row that the OST-VC was not able to report on their activities, though the constellation undoubtedly represents a very active community with new, exciting perspectives. Moreover it appears from a report of the CEOS Executive Officer that “the only outstanding content [in the CEOS Work Plan 2017-2019] is OST-VC”.
- The SIT Chair Team (Stephen Briggs and myself), the SIT vice-Chair representative (Kerry) and the CEO (Jono) participated in the 5th GEO PB meeting. The GEO lead Chair (Robert-Jan Smits, Director-General of DG Research and Innovation, European Commission) was also present. In order to better manage the overall GEO contribution to the SDGs and to shape the next GEO Work Programme Symposium according to the GEO strategic priorities, the GEO Programme Board created two dedicated subgroups; CEOS is present in both. Eventually, to support the **Monitoring & Evaluation** a third subgroup was established.
- During the CEOS-GEO coordination meeting (3 February, Geneva), CEOS and GEO worked together, at a strategic level, in 2017 in relation to the following important themes:
 - Sustainable Development Goals
 - Water
 - Climate
 - Carbon (incl. the GEO CARBON initiative)
 - Disaster Risk Reduction
 - Future Data Architectures
 - Requirements Analysis (including the ‘GD-08’) processThe discussion focused on the strategic, rather than programmatic, dimensions of the cooperation.

Upcoming meetings or events

(Dot points, e.g. meetings, conferences of relevance, visits)

- 1st GEO Excom meeting of 2017: 9-10 March 2017, Geneva.

- 32nd CEOS SIT meeting and side-meetings: 25-27 April 2017 at ESA Headquarters in Paris (France).
- The 2nd GEO Programme Board meeting might be held around end of May – beginning of June (exact date is still TBD), probably in Athens (Greece).
- 2017 GEO Work Programme Symposium: 12-13 May 2017, in Tshwane (South Africa).
- 2017 SIT Technical Workshop: 11-14 September 2017, at ESA ESRIN, in Frascati (Italy).

Attachments

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CEOS SEC-221 Report

Entity: GEO SEC

Prepared By: Osamu Ochiai (GEO Secretariat)

Updates on issues raised during the last CEOS SEC teleconference

(Dot points)

- None

Issues requiring discussion/decision during current CEOS SEC teleconference

(Dot points)

- None

Other highlights, activities, actions, projects, collaborations

(Dot points, e.g. outputs, new products, papers, technical reports, media, pipeline and new projects, interactions, project status changes, new opportunities)

- GEO Program Board, Feb 1st and 2nd
 - o New three co-Chairs assigned (Ivan DeLoatch/US, Tim Haigh/EEA, Albert Fisher/IOC)
 - o Robert-Jan Smits (2017 GEO Co-Chair) attended to the PB and gave a Strategic Guidance to PB. GEO WP 2017-2019 should contribute to 3 major priorities of SDGs, Paris Agreement and Sendai Framework for Disaster Risk Reduction.
 - o New GEO Sec Director to be appointed in 2018.
 - o Set three Sub-Groups
 - SG1 – SDGs
 - SG2 – Work Program Symposium
 - SG3 – Monitoring & Evaluation
- CEOS-GEO Secretariat Bilateral meeting, Feb 3rd – mainly discussed three engagement priorities (SDGs, Paris Agreement, Sendai Framework for Disaster Risk Reduction) and associated Water SBA, FDA and CEOS Data Cube.
- CEOS Data Cube discussion with Brian, Feb 15th – How GEO can promote or support?

Upcoming meetings or events

(Dot points, e.g. meetings, conferences of relevance, visits)

- Mar 9-10, GEO Executive Committee meeting, Geneva
- April 20-21, GEO Data Providers Workshop, Florence, Italy
- May 8-12, 37th ISRSE Symposium (ISRSE-37), Tshwane, South Africa
- May 12-13, 2017 GEO Work Programme Symposium, Tshwane, South Africa
- May 31- June 2, 3rd Blue Planet Symposium, College Park, Maryland, USA
- June 19-21, 11th GEO European Projects Workshop, Helsinki, Finland

Attachments

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CEOS SEC-221 Report

Entity: SEO

Prepared By: Brian Killough (NASA)

Issues requiring discussion/decision during CEOS SEC teleconference

- None

Updates on issues raised during the last CEOS SEC teleconference

- None

Upcoming meetings or events

- The SEO team is in Australia (this week) to meet with CSIRO and GA on a number of CEOS Data Cube topics. This annual face-to-face meeting of the three groups has been critical to our planning and sustained progress. One key objective of this meeting is to develop a governance plan for the open source Data Cube software site. We will also continue to work on our shared project plan and discuss progress and issues within the prototype projects.

Other highlights, activities, actions, projects, collaborations

(e.g. outputs, new products, papers, technical reports, media, pipeline and new projects, interactions, project status changes, new opportunities)

- Brian Killough visited UNEP-GRID Geneva on February 14 to discuss the progress of the Switzerland Data Cube pilot project. The group has made excellent progress installing a small data cube within the country and attaching the application user interface. The meeting resulted in 15 actions that the group will pursue in the coming year. These actions are focused on Landsat data acquisition, data cube creation, and application testing.
- The SEO continues to make progress on the Data Cube core technology. The cloud-based (Amazon) user interface is now open to the public for testing (<http://tinyurl.com/datacubeui>). The interface includes 10 sample data cubes and 7 applications. New additions include coastal change and a combined Landsat-7 / Landsat-8 combined mosaic. Additional work continues on the creation of sample cubes for SERVIR and Vietnam and evaluation and testing of the CCDC change detection algorithm.

CEOS SEC-221 Report

Entity: SDCG-GFOI

Prepared By: S. Ward, G. Dyke, M. Steventon

Updates on issues raised during the last CEOS SEC teleconference

- Last week, leadership of LSI-VC, GFOI, and GEOGLAM met by telcon to discuss the rationalisation of CEOS land surface imaging activities, including the proposed September joint meeting of the LSI-VC, SDCG for GFOI, and CEOS-GEOGLAM ad hoc WG. All attendees provided comments on the trial meeting paper and the broader issues around managing a transition. The call achieved the takeaway that the leadership of LSI, SDCG, and the CEOS-GEOGLAM ad hoc WG are unanimous in their belief that CEOS should explore this transition and we should be proactive in doing so. The joint meeting is fixed for 6-8 September at ESA ESIRIN.

Issues requiring discussion/decision during current CEOS SEC teleconference

- None.

Other highlights, activities, actions, projects, collaborations

- One of the main discussion points at the GFOI Plenary (Vietnam, early April) will be how GFOI will develop as it enters its second phase. Changes to the GFOI Data Component are expected, with a broader focus being considered to encompass more applications and tools to help countries uptake and apply data. Ensuring the CEOS investment is protected is important and SDCG EXEC are actively engaging with SilvaCarbon, FAO and others to ensure the planning is credible.

Upcoming meetings or events

- SDCG-11 will be taking place April 9th - 10th, 2017, followed by GFOI Plenary 11th and 12th in Ho Chi Minh City, Vietnam. More information will be available at <http://ceos.org/meetings/sdcg-11/>
- Planning for SDCG-12 is in its early stages, and is being planned to take place as a part of the joint meetings with LSI-VC and GEOGLAM, 5th - 8th September.
- SDCG will hold an All-Hands call Wednesday 22nd March.

Attachments

(e.g. pictures, figures, graphs, links – for use in overall CEOS reporting and as website resources etc.)

CEOS SEC-221 Report

Entity: CEOS ad hoc WG on GEOGLAM

Prepared By: Alyssa Whitcraft (GEOGLAM Sec)

Updates on issues raised during the last CEOS SEC teleconference

(Dot points)

- No need to for a GEOGLAM “pre-meeting” on Tuesday, 5 September 2017. Suggest any side meetings are planned on Monday/Tuesday of the SIT TW week, instead (to maximize participation by CEOS WG CapD and other interested parties).

Issues requiring discussion/decision during current CEOS SEC teleconference

(Dot points)

- GEOGLAM wants increase coordination with WG CapD – initial discussions have taken place between Nancy Searby and Alyssa Whitcraft on scoping this activity. One possible avenue is WG CapD funding a GEOGLAM trainer or two for AmeriGEOSS week (31 July – 4 August 2017) in Costa Rica. UMD is trying to find funding to send a Germany-based UMD colleague to the WG CapD annual meeting to represent GEOGLAM and push the coordination forward.

Other highlights, activities, actions, projects, collaborations

(Dot points, e.g. outputs, new products, papers, technical reports, media, pipeline and new projects, interactions, project status changes, new opportunities)

- Joint statement from WFP, FEWS NET, EC, and FAO on persistent drought in Somalia and major food security crisis (such a statement has been facilitated by GEOGLAM Crop Monitor for Early Warning).
http://documents.wfp.org/stellent/groups/public/documents/ena/wfp290554.pdf?_ga=1.17286393.1708597190.1487577459
- Inputs for the GEOGLAM EO requirements review are still slowly trickling in from JECAM sites. The focus is on ensuring the quality of the requirements, and that they are *right*, rather than *soon*, though the nominal target remains 2017 Plenary with some flexibility because the “compendium of R&D best practice” workshop planned between Sen2Agri, SIGMA, and JECAM has been postponed and not yet rescheduled.
- Inputs for the JECAM annual report are nearly all gathered; report forthcoming.
- Potential linkages between an Asia-RiCE activity in the Vietnamese Mekong, VNSC, CSIRO, and the CEOS Data Cube are being considered, but coordination remains preliminary.
- The new Crop Monitor website is now live: www.cropmonitor.org.

Upcoming meetings or events

(Dot points, e.g. meetings, conferences of relevance, visits)

- Ian Jarvis (JECAM Co-Lead) is tentatively planning to attend SIT-32 in Paris on behalf of the GEOGLAM secretariat, pending AAFC approval and necessity.
- GEOGLAM is planning a small working side meeting at SIT-32.
- A GEOGLAM RAPP workshop focused on using Sentinel missions for grassland observations is planned for 16-17 May at ESRIN.
- There will be a GEOGLAM session at both ISRSE in South Africa and Brazilian Remote Sensing Symposium (both in May 2017). The latter will include a 1-day training session on Crop Monitor and GLAM systems.
- There will be an all-hands GEOGLAM implementation team meeting 19-21 June, followed by AMIS IG, 22-23 June 2017, at FAO in Rome.
- The possibility of a joint Asia-RiCE/JECAM meeting for rice monitoring activities hosted in Taiwan by TARI/NCU in the Q1/Q2 2018 timeline is being discussed. The meeting will be more focused on science, but CEOS should be aware.

Attachments

(e.g. pictures, figures, graphs, links – for use in overall CEOS reporting and as website resources etc.)

CEOS SEC-221 Report

Entity: FDA Ad-hoc Team

Prepared By: Steve Labahn (USGS), Nick Hanowski (ESA), Alex Held (CSIRO)

Updates on issues raised during the last CEOS SEC teleconference

(Dot points)

- None

Issues requiring discussion/decision during current CEOS SEC teleconference

(Dot points)

- FDA Ad-hoc Team and the 5 pilots continue to have a significant schedule dependence on LSI-VC for the stewarding of the CARD4L definition and trial production of CARD4L products for the pilots in 2017. FDA stresses the need for LSI-VC to continue its great work and persuade agencies to support this critical initiative.

Other highlights, activities, actions, projects, collaborations

(Dot points, e.g. outputs, new products, papers, technical reports, media, pipeline and new projects, interactions, project status changes, new opportunities)

- FDA Strategic Assessment Brainstorming Session held on Tuesday, 14 February 2017
 - Short survey distributed to solicit input on key strategic questions, including top FDA priorities from user perspective
 - Team working to analyze and draw conclusions from the responses
- Team continues to be focused on several primary areas:
 - Preparing Strategic Assessment
 - What should CEOS agencies do together?
 - What should CEOS encourage that individual agencies do better on their own (e.g. best practices, etc.)?
 - What should be considered 'out of scope' for CEOS?
 - SEO confirming specific pilot locations and data needs (5 pilots and several possible contributing data sets)
 - Colombia – SEO (Brian Killough)
 - Vietnam – CSIRO (Alex Held)
 - USA – USGS (Brian Sauer)
 - Europe – ESA (Mirko Albani)
 - Australia – CSIRO, GA (Adam Lewis)
 - LSI-VC working CARD4L specification and product generation supporting pilot needs
 - WGISS working on technical and architectural insights report (best practices and lessons learned)
 - Preparing for SIT-32, including Side Meeting (25 April)
 - Tiger Team formed to prepare paper and presentation

Upcoming meetings or events

(Dot points, e.g. meetings, conferences of relevance, visits)

- FDA AHT Co-leads Meeting – Thursday, 9 March 2017
- LSI-VC-3 (Session 4: CEOS Future Data Architectures Pilots) – Monday, 20 March 2017
- FDA AHT Meeting – Tuesday, 21 March 2017
- WGISS-43 (Technology Exploration Workshop, including Future Data Access & Analysis Architectures) – Tuesday, 4 April 2017
- FDA AHT Side Meeting – Tuesday, 25 April 2017 @ SIT-32

Attachments

(e.g. pictures, figures, graphs, links – for use in overall CEOS reporting and as website resources etc.)

CEOS SEC-221 Report

Entity: Moderate Resolution Sensor Interoperability Initiative (MRSI)

Prepared By: Gene Fosnight (USGS)

Updates on issues raised during the last CEOS SEC teleconference

(Dot points)

- The MRSI team has been assembled. The response to the SEC's request to participate was very successful.

Issues requiring discussion/decision during current CEOS SEC teleconference

(Dot points)

Other highlights, activities, actions, projects, collaborations

(Dot points, e.g. outputs, new products, papers, technical reports, media, pipeline and new projects, interactions, project status changes, new opportunities)

Upcoming meetings or events

(Dot points, e.g. meetings, conferences of relevance, visits)

- The MRSI kickoff telecon will be held on 2/3 March
- The first face-to-face meeting for many team members will be held during and following LSI-VC-3 on 20-22 March

Attachments

(e.g. pictures, figures, graphs, links – for use in overall CEOS reporting and as website resources etc.)