

SEO Report

Brian Killough

NASA, CEOS Systems Engineering Office

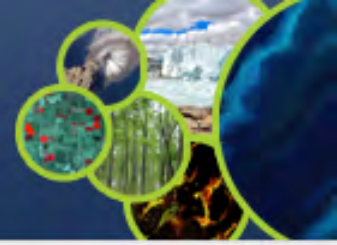
CEOS Plenary 2018

Brussels, Belgium

17-18 October 2018

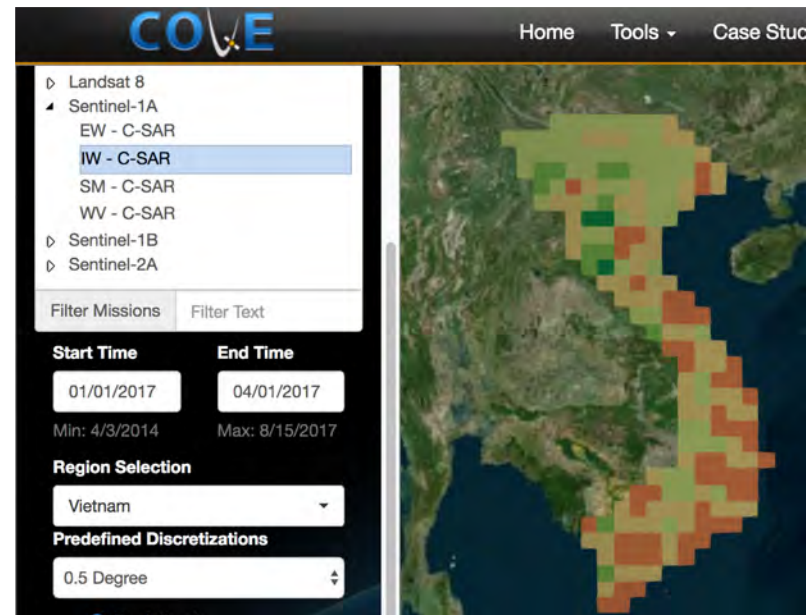
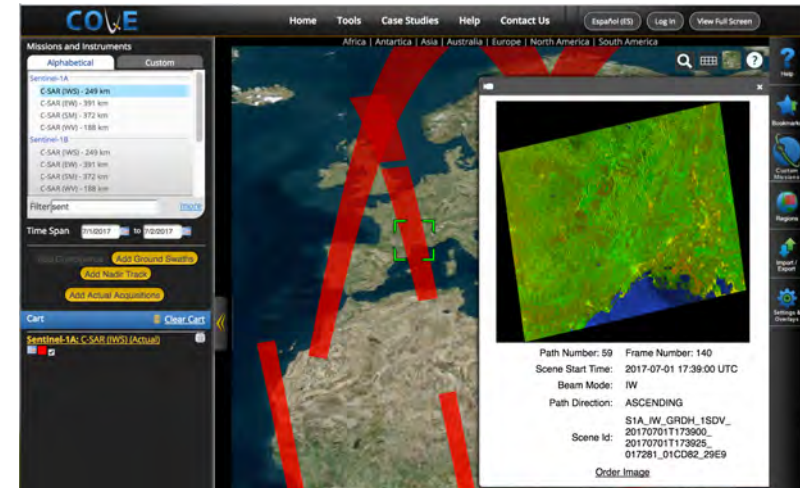


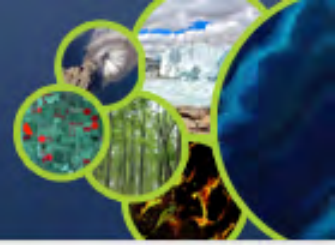
- **SEO Technical Team** ... The primary efforts have been focused on the **Data Cube** initiative, supporting the LSI-VC (ARD definition, gap analysis process), supporting SDCG for GFOI and GEOGLAM data acquisition planning and maintaining our existing tools (COVE, Data Policy Portal, CEOS website).
- **Kim Holloway**: Provided communications support to the SDG-AHT and WGCapD, managed CEOS web and social media content, continued producing the “Faces of CEOS” video series, provided meeting logistics support across many CEOS entities, developed new outreach materials, maintained the mailing lists.
- **Special Thanks** ... The SEO would like to thank Analytical Mechanics (AMA), Symbios (Stephen and George), Ake Rosenqvist, and Alyssa Whitcraft for their SEO support.
- **Data Cubes** ... The SEO is a member of the Open Data Cube “Partners Forum” and AMA participates in the technical “Steering Council”. The SEO has made a number of significant code contributions (e.g. user interface, applications, ingestion) to the Open Data Cube repository and led many of the country pilot projects.



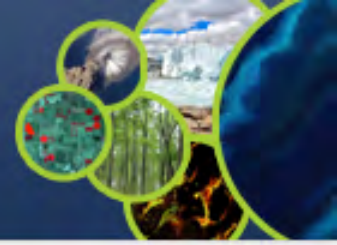
- The CEOS Visualization Environment (**COVE**) is a browser-based suite of tools for searching, analyzing, and visualizing actual and potential satellite sensor coverage.
- COVE is **FREE** and **OPEN** for anyone to use! There is a large international user base with 4000+ users in 2017.
- COVE includes **131 missions** and is linked to several mission archives to get metadata and browse images for past acquired data: *Landsat, SPOT, Pleiades, Radarsat-2, ALOS-1, TerraSAR-X, Sentinel-1, Sentinel-2, CBERS-4 and ResourceSAT-2.*
- **Coverage Analyzer:** New tool for acquisition reports and links to data ordering.

www.ceos-cove.org





- ❑ **Open Data Cube (ODC) and CEOS Data Cube (CDC):** Continue significant support to this effort in 2018. Work with the multi-agency team to develop an end-to-end infrastructure release. Continue to progress country prototypes and capture “lessons learned”. Enhance the use of CEOS Agency satellite data through future data architectures, improved data interoperability, time series analyses, and solutions for developing countries.
- ❑ **GEOGLAM, GFOI, LSI-VC, FDA, and UN-SDGs:** Continued support for data acquisition planning, systems analyses, and ARD definition.
- ❑ **COVE Tool:** Complete enhancements to the Coverage Analyzer and Data Browsers tool in COVE. Add more links to mission data archives.
- ❑ Annual updates to the **Data Policy Portal** and the **MIM Database**.
- ❑ **Outreach** support for the IGARSS Conference and GEO. Continue to expand the impact of CEOS through social media.



HOME ABOUT CEOS OUR WORK MEETINGS DATA & TOOLS RESOURCES CONTACT US LOGOUT

CEOS Committee on Earth Observation Satellites

Search

Viewing Earth Serving Society

Learn More

Viewing Earth Serving Society

Satellite Earth Observations to Serve Science & Society

CEOS Delivers the 1st Open Data Cube Workshop at IGARSS 2017

Data Purge Alert: USGS National Aerial Photo Collection

SDCG for GFO: Major Forest Monitoring Milestone

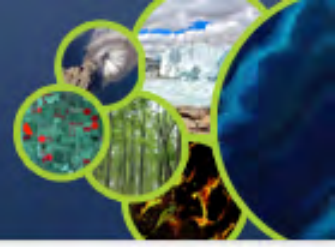
Recovery Observatory Triggered: Haiti

Successful Launch: Sentinel-5p

Over 47K Visits
in the Last Year,
More than 28K
for the first time.

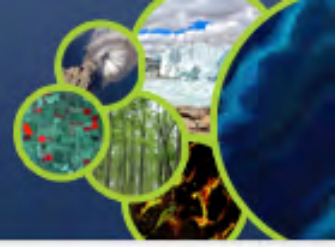
Most Popular Pages:

Home, Meetings, Data & Tools, Overview,
Working Groups



Requests to You:

- CEOS Leadership, WG & VC Leads: Review Relevant Webpages & Send Updates.
- All: Send Short Summaries of Newsworthy CEOS Activities/Accomplishments.
- Remember: Meeting Registration Capabilities & Document Management System for You



CEOS Social Media:

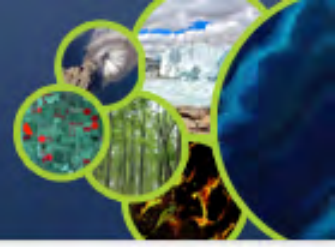
- Grew by about 600 Likes/ Followers Total
- Post topics on Regular Rotation – Send Kim New Material or “Tag Us”
- Twitter: @ceosdotorg
- Facebook: @socialceos



751 Followers!



1304 Likes!



Committee on Earth Observation Satellites



Viewing Earth Serving Society

Satellite Earth observation data contribute to issues at every scale — global, regional, and local.

CEOS coordinates Earth observations from more than 130 satellites and promotes data exchange to address global problems for a more prosperous and sustainable future.

www.ceos.org

Outreach & Exhibits:

- IGARSS 2018
- GEO 2018

Contact:

Kim.E.Holloway@nasa.gov

Brian.D.Killough@nasa.gov