



COVE Tool Requirements Discussion with WGCV

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New Features for COVE

... Coming soon

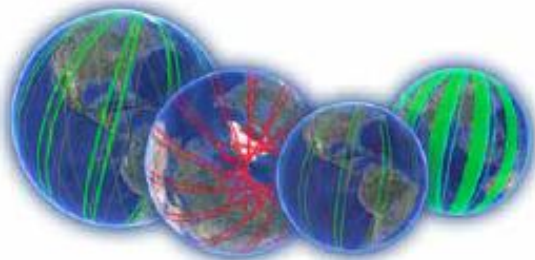


- New overlays will be added to COVE to support **Land Product Validation**. These include up to 71 Land Validation test sites (includes 37 EOS Core Sites). COVE currently includes the 8 LANDNET sites. We will work with Joanne Nightingale to confirm the list.
- A new overlay for **Global DEM** will be considered. Plan to use data from GMTED-2010 at 250-meter, 500-meter, and 1000-meter resolution. We will work with Jan-Peter Muller and USGS on details for implementation.
- A new overlay for **past cloud cover** will be added to COVE. Plan to use CERES-SSF (from NASA Langley), 12 year, near-global (60S to 60N latitude), hourly, 8-km spacing. Near-term flash flux product for <9 months will also be considered.
- A new overlay for **GlobCover** (vegetation and forest) will be added to COVE. We will work with Jan-Peter Muller to get a 2009 dataset in KML format.
- The COVE team was approached by the **Aeronet** team to add test sites to COVE. There are 1000+ sites, so this was not feasible. Any Lat-Lon location can be entered and saved as a new region in COVE, so this is the best way to implement Aeronet sites.

Questions for WGCV



- **Feedback** from the WGISS/WGCV presentation yesterday suggested several new features of interest. These include KML export, Mercator-2D map output, COVE API support, GEO imaging details. The COVE team will investigate each of these features.
- **Lunar Calibration** was recently requested by the CERES project at NASA. Would this be a valuable addition to COVE? Are there others in the WGCV community that use Lunar Calibration?
- Are there any upcoming **Cal-Val campaigns** (other than Toz Golu and DOME-C) that may require support from COVE?
- Are there any other COVE features or data overlays that could support WGCV or CEOS in general?



**Thanks for your feedback
and interest in COVE !**