



CEOS Cal/Val Portal: Calibration and Validation activities around space-borne sensors.

The CEOS (Committee on Earth Observing System) Cal/Val Portal website has been updated with new content and functionality.

The user community is invited to explore the new website:

<http://calvalportal.ceos.org/>

The CEOS Cal/Val portal serves as the main forum for exchange and information sharing for the CEOS Working Group on Calibration and Validation. In addition, it provides access to agreed upon good practices and Cal/Val protocols to the wider Earth Observation community within CEOS and beyond. It provides users with connections to reference data and networks and is a source for reliable, up-to-date and user-friendly information for Cal/Val tasks. The Portal will facilitate data interoperability and performance assessment through an operational CEOS coordinated and internationally harmonized Cal/Val infrastructure consistent with QA4EO principles.

The Cal/Val Portal is based on Liferay®, an open source web platform that supports content management and other collaborative tools.

Home

From the home page it is possible to access the various content within the portal as a guest or by logging-in as a member. As a registered member you gain the right to view dedicated sections of content, download/upload documents and contribute to the portal growth (e.g.: access to the document repository, specific datasets, terms and definitions area, etc.). News, announcements or novel content is highlighted on the home page and in the Twitter feed (@CEOS_WGCV), providing fresh information from the community.

CEOS WGCV

The CEOS WGCV page is the entry point for all the CEOS Working Group on Calibration and Validation (WGCV) subgroups, namely: Atmospheric Composition (AC), Synthetic Aperture Radar (SAR), Land Product Validation (LPV), Microwave Sensors (MS), Infrared and Visible Optical Sensors (IVOS). The portal hosts the IVOS web site and will also host the SAR web site (migration currently in progress), the LPV subgroup web site is an external link.

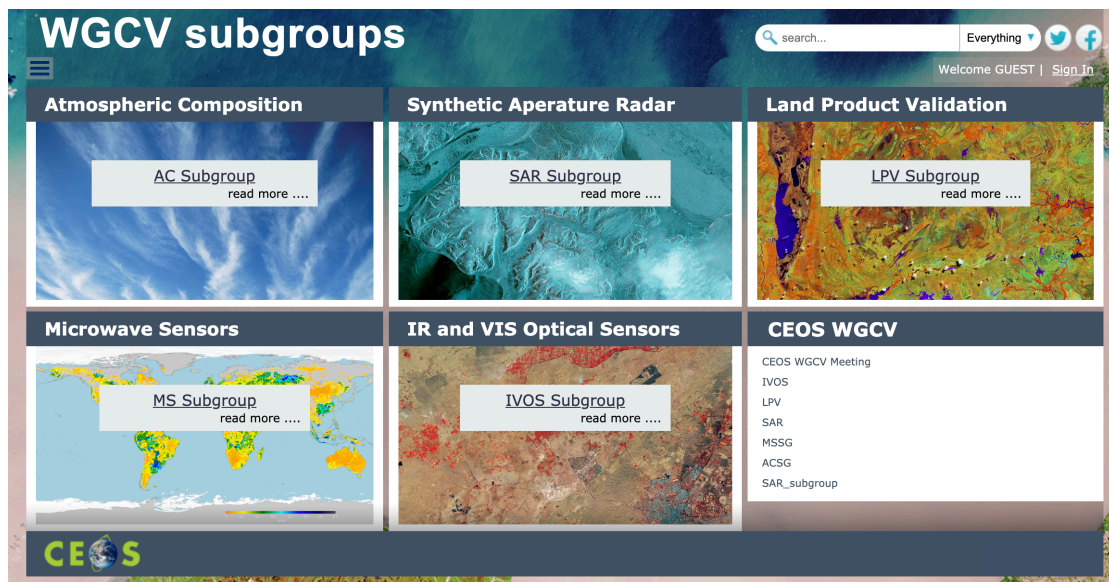


Figure 1 CEOS WGCV subgroups page: entry point

References & Documents

This section serves as a link to relevant documentation:

- [Methods, Guidelines and Standards](#) includes a collection of documents categorized by keywords
- [Library](#) is the space where members can add links for papers or contents
- physical documents can be uploaded/downloaded from the [Doc_repository](#)
- [Terms and Definitions document and wiki](#) are dedicated to the evolving CEOS terms and definition material.

Cal/Val Sites

This page offers an overview, by a linked tree diagram, of the test sites used for calibration and validation activities. The sites are grouped according to WGCV subgroup domain and by applications. The CEOS endorsed sites and the reference networks are distinguished by different colors.

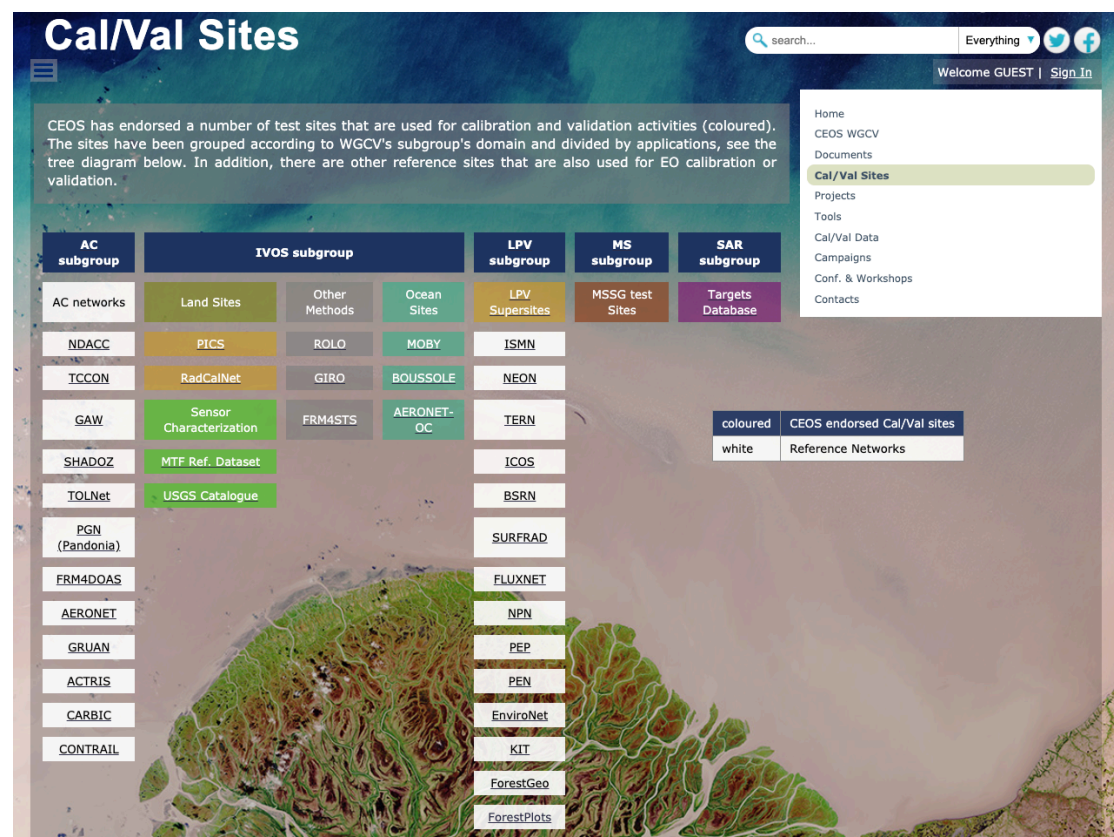


Figure 2 Cal/Val Sites page: the tree diagram

Projects

In this section relevant Cal/Val project links are provided and the projects are subdivided by discipline: Atmosphere, Land, Cryosphere and Ocean. Some of the projects are hosted by the portal, namely: ALTS, G-VAP, SnowPEX, PICS and ACIX all the others are handled as external links.

Tools

The list of Cal/Val software tools and services are presented in this page with corresponding links and descriptions, in alphabetically order. OLIVE and WOPP have dedicated web content hosted in the portal.

Cal/Val Data

This page is dedicated to Cal/Val data access. It is expected that this area will expand with increased use. If you have cal/val data you wish us to host or link to, please share this information with us. Currently the portal hosts the Modulation Transfer Function (MTF) Reference Dataset – with a dedicated webpage with reference papers and reference imagery – and, the ESA Atmospheric Validation Data Centre (EVDC), which is a long-term European repository for the archiving and exchange of data for validating satellite products of atmospheric composition.

Campaigns

In this section several campaign websites links are provided and categorized, as for projects, for Atmosphere, Land, Cryosphere and Ocean.

Conferences & Workshops

The date-descending list of Conferences and Workshops are presented here, providing detailed information and useful links.

Links

This section comprises a table with links to relevant websites focusing on Cal/Val subjects. This list will evolve continuously over time.

Contacts

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