



Newsletter from CEOS Cal/Val Portal

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

The Purpose

This newsletter aims to provide an overview of the latest portal updates in terms of both software and content.

Software

The portal is built on Liferay®, an enterprise portal solution that has been updated to the Liferay Community Edition Portal 7.4.3.14 CE GA14 (Cavanaugh / Build 7403 / March 4, 2022).

Content update

WGCV subgroups

The CEOS WGCV page serves as the entry point for all subgroups within CEOS Working Group on Calibration and Validation (WGCV), namely: Atmospheric Composition (AC), Synthetic Aperture Radar (SAR), Land Product Validation (LPV), Microwave Sensors (MS), Infrared and Visible Optical Sensors (IVOS) and Terrain Mapping (TM).

The portal hosts the websites of IVOS, SAR and MS subgroups, provides links to the LPV subgroup website and connects to the CEOS pages dedicated to AC and TM.

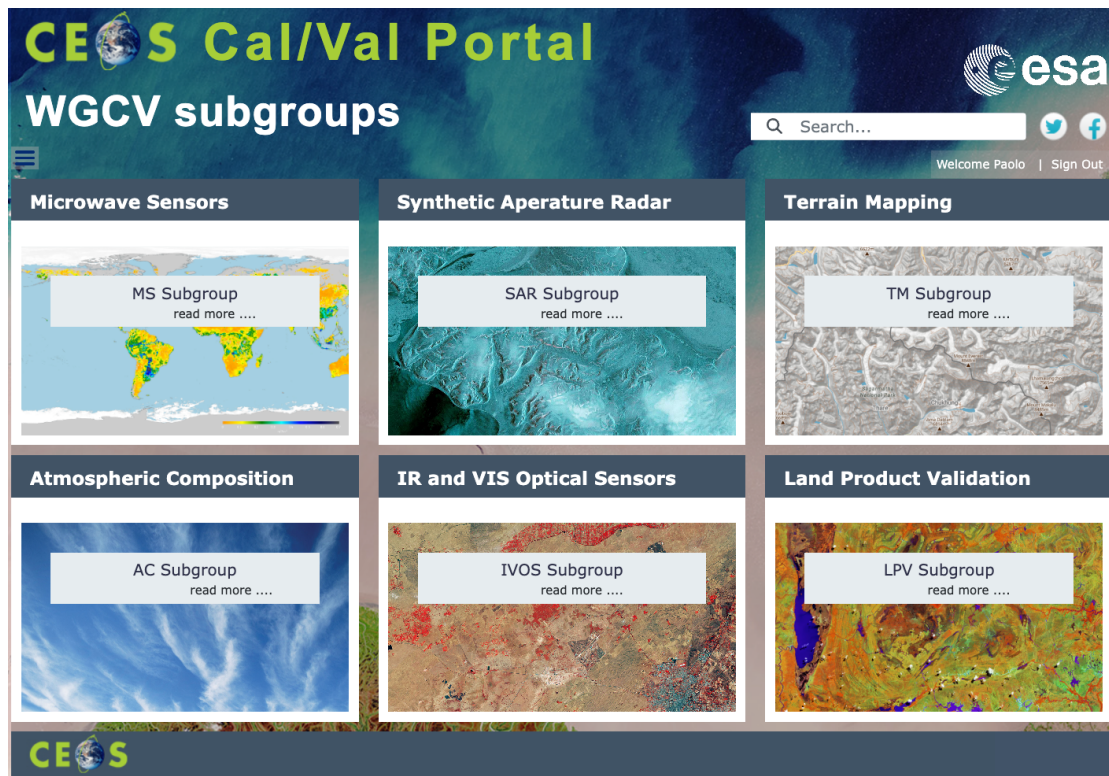


Figure 1 CEOS WGCV subgroups page: entry point

The SAR subgroup primarily utilises the website for their annual CEOS SAR workshops including announcements, programs and presentations. The CEOS SAR Calibration and Validation Workshop 2024 (CEOS SAR Cal & Val 2024) will be held from 12 to 15 November 2024, in Ahmedabad, India, at the Yashpal Auditorium, Space Applications Centre, Ahmedabad, INDIA and will be hosted by Space Applications Centre, Indian Space Research Organisation (ISRO), Ahmedabad. See the dedicated [webpage](#):



Figure 2 SAR Cal/Val Workshop 2024 webpage

The [Past Proceeding](#) section contains materials from all past workshops. A new dedicated website for SARCalNet is in phase of finalization (Nov. 2024) and will host an updated SAR Calibration sites database.

A number of activities are related to the IVOS subgroup, so it is worth mentioning the updated Solar Irradiance Spectrum [page](#) with the CEOS endorsed [TSIS-1 Hybrid Solar Reference Spectrum](#). The IVOS entry page has been recently equipped to access a dedicated Repository and Forum, see below the snapshot of the [webpage](#).

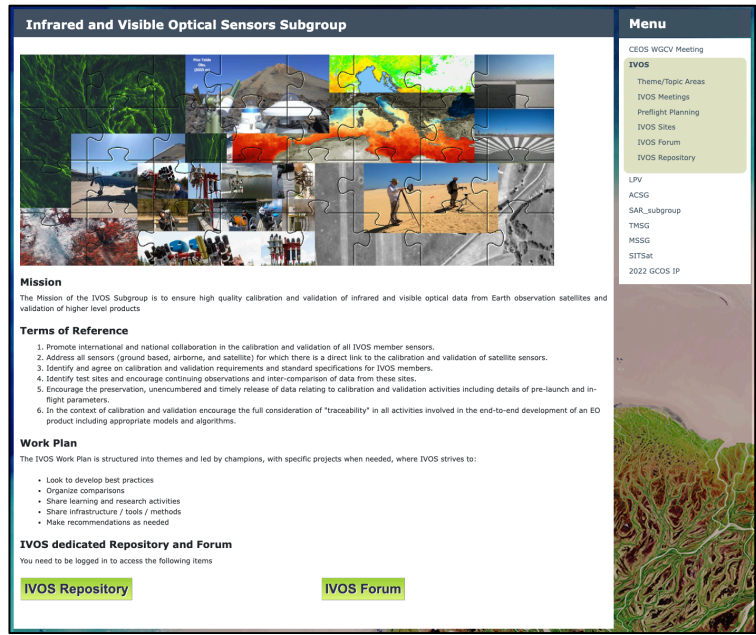


Figure 3 IVOS entry page with the new items to access dedicated repository and forum

SITSat Task Team webpage

A dedicated [webpage](#) for the SI-Traceable Satellite missions (SITSats) Task Team has been published. It includes public information: background, definitions, objectives; organization and reporting. Relevant links (see e.g. the [SITSat for GSICS](#) reference) are also available. There is a dedicated repository to share documents/material and a forum has been made available to the team.

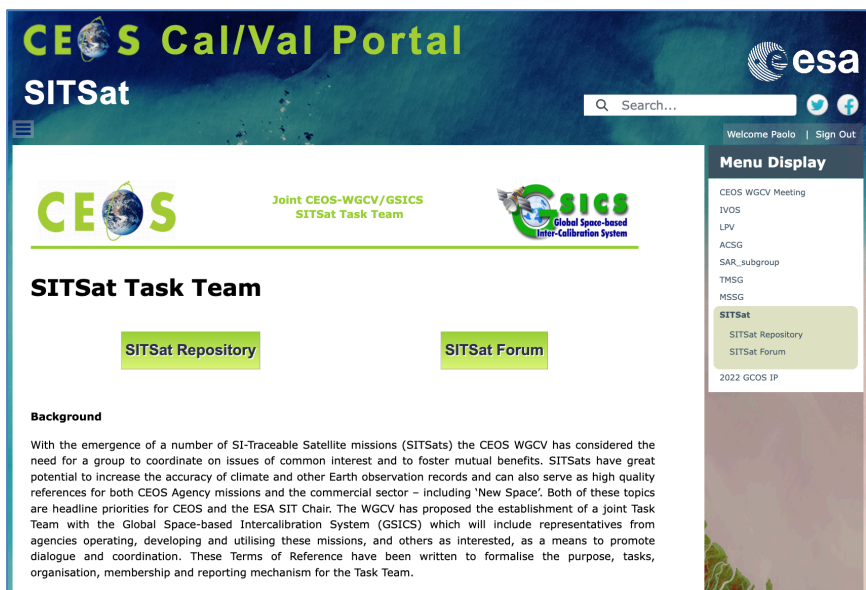


Figure 4 SITSat Task Team webpage

WGCV's contribution to the GCOS IP

The 2022 GCOS IP - Implementation Plan ([GCOS](#) is the Global Climate Observing System) aims at identifying the major practical actions that should be undertaken by the Space Agencies in the next 5-10 years. The main objective here was to provide a [webpage](#), including a repository where WGCV's contribution to climate/ GCOS Ip can be provided.



<https://calvalportal.ceos.org/2022-gcos-ip>

Figure 5 WGCV's contribution to the GCOS IP webpage

ESA IDEAS QA4EO

In the Cal/Val data section of the CEOS Cal/Val portal a placeholder to collect informative materials and results from the current ESA IDEAS-QA4EO project has been recently added. In the context of snow and vegetation parameters and validation of satellite snow products, the [FMI Webcam & Validation Portals](#) includes links to the FMIPROT & Camera Network Portal and to the FMI ARSAT QA Portal.



Figure 6 FMI Webcam and Validation Portals webpage

Outreach

Feel free to follow our X posts from [@CEOS_WGCV](#)

Contacts

For any queries related to the CEOS Cal/Val Portal, please feel free to contact:

Cal/Val Portal Team
General Contacts
Paolo Castracane e-mail to: paolo.castracane@ext.esa.int Starion c/o ESA/ESRIN Via Galileo Galilei, 00044 Frascati, Italy
Technical Team leader
Thomas Storm e-mail to: thomas.storm@brockmann-consult.de Brockmann Consult GmbH Chrysanderstraße 1 21029 Hamburg Germany