

OBDAAC Seasonal News and Updates

Summer 2025

Upcoming Events

**Copernicus
FRM4SOC-2025
Training In Above-
Water Radiometry**
July 6-20, 2025

Italy

[More Information](#)

**2025 Hyperspectral /
Multispectral Imaging
and Sounding of the
Environment (HISE)
meeting**

July 6-20, 2025

Italy

[More Information](#)

ESIP Meeting

July 22-25, 2025

Seattle, WA, and online

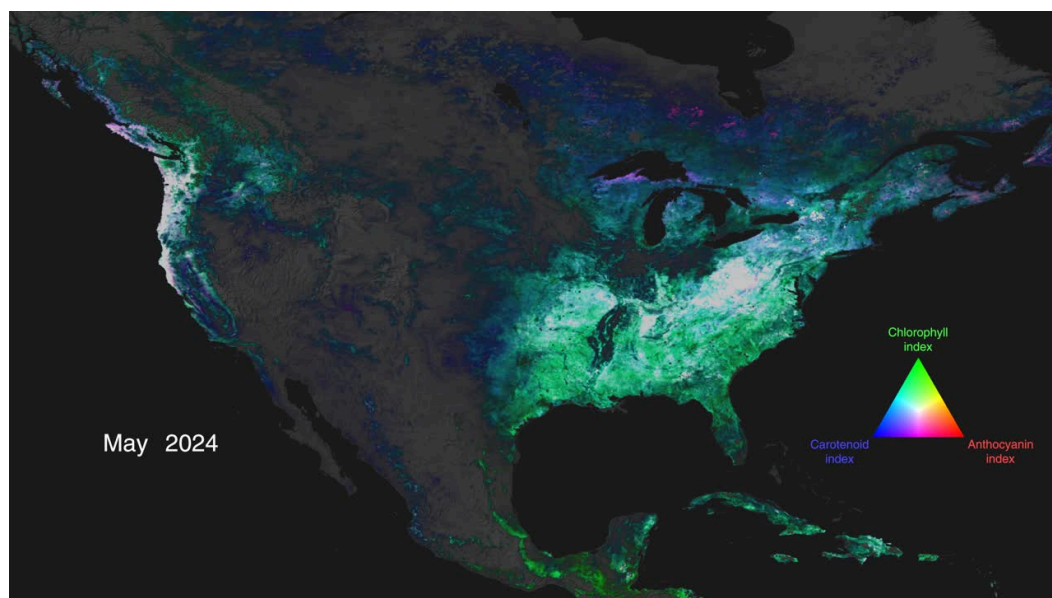
[More Information](#)

**PACE Data Hackweek
2025**

August 3-7, 2025

Washington, D.C.

[More Information](#)



Vivid data on anthocyanins, carotenoids, and chlorophyll reveal the rich vegetation and plant health across North America.

Explore the full visualization at: <https://svs.gsfc.nasa.gov/5548/>

Credit: NASA's Scientific Visualization Studio

A new visualization from NASA's PACE satellite brings us closer to understanding Earth's vegetative health like never before. For the first time, PACE measurements capture the shifting hues of three key pigments—chlorophyll (green), carotenoids (yellow/cyan), and anthocyanins (red/magenta)—providing a hyperspectral view of vegetation dynamics across the globe. This rich dataset enables scientists to detect subtle seasonal changes in plant health and stress responses, offering valuable insights for ecosystem monitoring, drought detection, and forest management.

Want to explore the full spectrum of life pulsating across North America? View the stunning visualization created by NASA's Scientific Visualization Studio here: <https://svs.gsfc.nasa.gov/5548/>

Interested in exploring how PACE supports land-based research? Check out the [PACE Land data Users' Group \(PLUG\)](#).

Data and Software

Data Releases

March 2025: AVW & Carbon for MODIS, VIIRS, SeaWiFS, PACE

April 2025: Eulerian & Lagrangian Oceanography and Ecology products

June 2025: MOANA for PACE, CALIOP b_{bp} (532)

Upcoming: PACE OCI Reprocessing (V3.1)

In Situ Data

- In situ datasets submitted by PIs are actively being archived and made available through the [SeaBASS website](#). Since April 1, SeaBASS has archived over 59,000 files from more than 50 cruises, including datasets that support ongoing validation efforts led by the [PACE Validation Science Team \(PVST\)](#).
- These data can also be discovered through the [OB.DAAC Portal on Earthdata Search](#).

Software Releases

- **SeaDAS 9.2.0** was released on **April 30, 2025**, and marks the **final version to support Intel-based MacOS systems**. For a full list of updates and version history, please visit the [SeaDAS Release Notes](#).
- Testing is underway to integrate additional OB.DAAC data services with cloud-based capabilities in SeaDAS. The **data Search Service** has already been integrated and is available in the current release. Work is now in progress to incorporate the **L2SS Subset Service** as the next integration into the SeaDAS interface.

We always welcome feedback on desired features and functionality - please don't hesitate to reach out with suggestions!

New Tutorials Added to Help Hub

Looking to sharpen your skills or get started with new PACE data? We've recently updated the [Help Hub](#) with the following tutorials and training resources:

- Orientation to PACE/OCI Terrestrial Products
- SeaDAS Ocean Optics 2024 Tutorial
- PACE Mission Training Lectures 2022

Website Migration

Planning is now underway to migrate the Ocean Color and SeaDAS websites to the Earthdata platform, with a tentative Go Live date of December 9, 2025. The migration process officially began in June 2025.

We will share additional details and guidance as the transition progresses to ensure a smooth experience for our user community.

Stay tuned for updates on timeline and feedback opportunities.

[More information about web unification](#)

2025 UWG Meeting

On June 10 and 12, 2025, the OB.DAAC User Working Group (UWG) held its third annual meeting, bringing together UWG members, mission representatives, and DAAC team for a series of virtual sessions focused on current activities, data updates, and future directions.

The meeting provided a valuable forum to share community feedback, discuss mission milestones, and align on evolving user needs.

To learn more about the UWG, visit the [UWG page](#).

Data in Cloud

We are excited to announce that all mission data archived at OB.DAAC has now been fully migrated to the Earthdata Cloud environment!

Whether you're working with data from PACE, MODIS, VIIRS, SeaWiFS, or other missions, you can now access these datasets directly in the cloud.

To get started:

- Visit [Earthdata Cloud Access page](#)
- Try our [Earthdata Cloud Tutorials](#)
- Explore data via [Earthdata Search](#)

We thank our users for their patience and collaboration throughout this migration process, and we look forward to supporting your work in this new era of cloud-enabled science.

Calling all users!

We are eager to hear your stories and experiences with our products. Your feedback is invaluable in helping us enhance and refine the services we offer. Whether you've had a positive experience or faced challenges, your insights can drive meaningful improvements and innovations. Share your unique journey with us—how has our product impacted your life or work? What features have you found most beneficial, or what changes would you like to see?

By [contributing your story](#), you can play a vital role in shaping the future of our offerings. We look forward to hearing from you and appreciate your input!

