

# OBDAAC Seasonal News and Updates

Winter 2023



## Winter Events

**AGU Fall Meeting**  
**December 11-15, 2023**  
 San Francisco, CA  
[Agenda and More Information](#)

**PACE Launch**  
**February 6, 2024**  
 Kennedy Space Center, Florida  
[Experience the Launch](#)

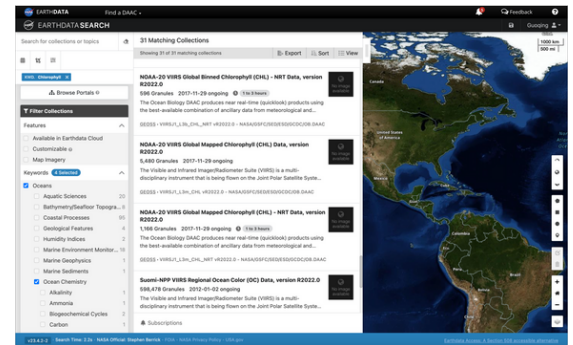
**ARSET SeaDAS training**  
**February 13, 2024**  
 Online  
[Topic: SeaDAS 8.4.1 Overview](#)

**Ocean Sciences Meeting**  
**February 18-23, 2024**  
 New Orleans, LA  
[More Information](#)

## Earthdata Search

NASA [Earthdata Search](#) is an online tool designed for easy access to a wealth of Earth science data collected by NASA's satellites and airborne instruments. Users can search, preview, and download datasets based on time, location, and variables. The platform streamlines the process of finding and using NASA's Earth observation data, supporting scientific research, environmental monitoring, and decision-making.

All the ocean color data are accessible on Earthdata Search. Users can access data from multiple DAACs in Earthdata Search. Most importantly, the cloud data access will be through Earthdata Search as well.



*This image from Earthdata Search shows the results of matching ocean color data collections when search with science keywords "Oceans>Ocean chemistry>Pigments>Chlorophyll".*

## ATBDs on APT

The [Chlorophyll ATBD](#) is published online and ready for view, citation, and download.

PIs contributed ATBDs to OB.DAAC are working on the Rrs, POC, and PIC, and other ATBDs on the APT platform.



## Data in the Cloud



OBDAAC is in the process of moving data into cloud with the goal natively-supporting our new mission, [PACE](#), in the cloud after it's launch in early 2024.

## NASA Openscapes

OBDAAC joined [NASA Openscapes](#) community to support users using data from NASA Earthdata served from the Distributed Active Archive Centers (DAACs) as we migrate workflows to the cloud.

The 2i2c JupyterHub for NASA Openscapes



## People of the Ocean Color Community

### In Remembrance of Mary Cleave

Dr. Mary Cleave, former astronaut, SeaWiFS project manager, associate administrator for science, and a dear colleague and friend of so many of people in ocean color community passed away on Nov. 27, 2023.

Dr. Mary Cleave, a trailblazing astronaut and accomplished scientist, left an enduring legacy in both space exploration and ocean color remote sensing. Joining NASA in 1980, she became one of the first women astronauts to venture into space, participating in two groundbreaking Space Shuttle missions.

Beyond her astronautical achievements, Dr. Cleave served as the SeaWiFS (Sea-viewing Wide Field-of-view Sensor) project manager, making significant contributions to ocean color remote sensing. Her dedication to advancing scientific understanding extended to managing projects that facilitated the study of Earth's oceans from space, showcasing her multifaceted expertise in both space and Earth sciences. Later in her career, Dr. Cleave assumed the role of NASA's associate administrator for the Science Mission Directorate, further influencing and advancing the agency's scientific endeavors.

The Texas Monthly article "Space Cadet" provides a comprehensive look into Dr. Cleave's extraordinary life, chronicling her groundbreaking achievements, challenges faced, and her lasting impact on space exploration and Earth sciences.

#### Read more in these articles across the web:

- [NASA Remembers Trailblazing Astronaut, Scientist Mary Cleave](#)
- [Mary Cleave, Who Glimpsed a Blighted Earth From Space, Dies at 76](#)
- [Space Cadet](#)



**Mary L. Cleave, NASA SeaWiFS Project Manager; Associate Administrator for Science**  
Credit: Gene Feldman



**NASA Astronaut Mary L. Cleave**  
April 8, 1985  
Credit: NASA

## NASA TOPS

NASA's Transform to Open Science (TOPS) initiative is designed to transform agencies, organizations, and communities to an inclusive culture of open science.

### Get Involved

NASA's OS101 is a comprehensive 5-module curriculum crafted to empower researchers, students, and citizen scientists with the knowledge and skills necessary to navigate the principles and practices of open science. The curriculum covers key aspects, including the development of open science and data management plans.

➔ [Take Open Science 101](#)

Please join the TOPS email list to hear about open science activities, stories, and news.

➔ [Get the TOPS Newsletter](#)

Attend conferences with TOPS to learn about open science and the Open Science 101 curriculum.

➔ [Attend TOPS Events](#)

Engage with our community, learn more about open science, and contribute to our curriculum.

➔ [Explore TOPS GitHub](#)

