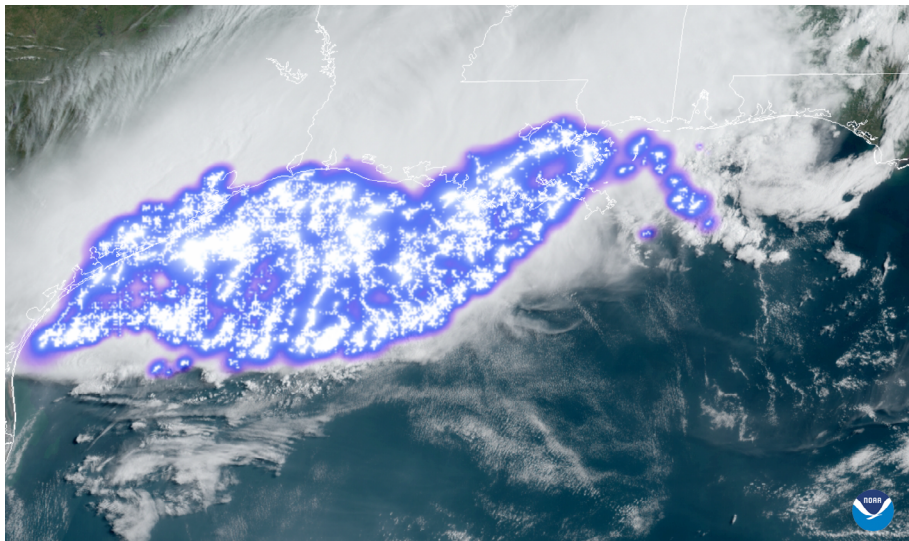


Newsletter



March 2024



Welcome to our first newsletter of 2024! Looking back to the past year, we had a total of 14,646 training attendees, including 12 individuals who attended all 12 online trainings during the year (you know who you are!) An additional 22 individuals attended 11 of our 12 online trainings in 2023. It's inspiring to see such consistent participation in our online trainings, and we hope they have been of value.

We are also excited to announce that ARSET has launched our new Learning Management System (LMS) for online self-paced trainings. This new format will complement our traditional online, instructor-led and in-person ARSET trainings and offer exciting new possibilities. Our first course on our new platform is [Developing Sustainable Earth Science Applications](#). This interactive course will guide you through how concepts such as team collaboration, communications, project management, and monitoring and evaluation can increase the impact and sustainability of Earth Science applications.

Want more ARSET training but have a busy schedule? Review our [Online Resource Guide](#). We've recently updated this document to include all available training materials through 2023. We invite you to peruse this document and review recordings and materials from past trainings at your own pace.

ARSET team members will also be making an appearance at the upcoming South by Southwest Education Conference (SXSWedu) this month to present "[Satellite Data for Beginners: A NASA Training](#)."

Upcoming Trainings

05 - 19 March 2024

[Large Scale Applications of Machine Learning using Remote Sensing for Building Agriculture Solutions](#)

26 March - 02 April 2024

[Introduction to Lightning Observations and Applications](#)

Recent Trainings

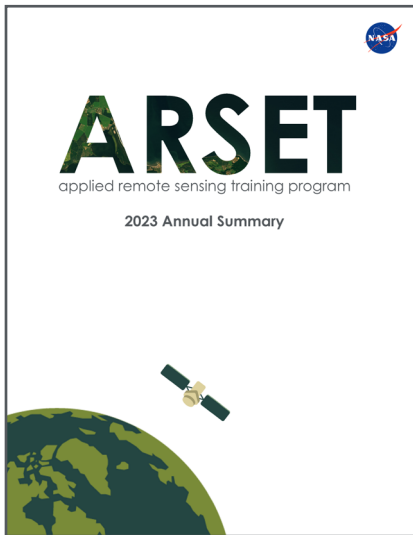
Self-Paced Online

[Developing Sustainable Earth Science Applications](#)

13 February 2024

[Overview of SeaDAS 8.4.1 for the Processing, Analysis, and Visualization of Optical Remote Sensing Data for Water Quality Monitoring](#)

2023 Annual Summary



Every year, ARSET publishes a document summarizing our training activities and key moments from the previous year.

We will publish our annual summary for 2023 later this week. After it's finalized, you'll be able to find it in our [publication archive](#). In this document, you will find information about every training activity ARSET has put together in 2023, as well as statistics and commentary about these activities.

This year, we're happy to share that we will have a section dedicated entirely to our Spanish speaking audience. This section will be published in Spanish and includes information solely about our trainings hosted in Spanish.

Additional Resources

Feb.08: PACE has Launched!

NASA's Plankton, Aerosol, Cloud Ocean Ecosystem (PACE) satellite mission to study ocean health, air quality, and the effects of a changing climate launched successfully on February 08, 2024. Learn more about PACE [here](#). To get a head start on understanding how to use PACE data, review our recent training, [Overview of SeaDAS 8.4.1 for the Processing, Analysis, and Visualization of Optical Remote Sensing Data for Water Quality Monitoring](#).

AERONET Resources

The [AERONET](#) (AErosol RObotic NETwork) program is a federation of ground-based remote sensing aerosol networks established by NASA and PHOTONS (PHOtométrie pour le Traitement Opérationnel de Normalisation Satellitaire). Subscribe to their new [newsletter](#) by sending an email to aeronet-join@lists.nasa.gov. The newsletter will bring you the latest news, research, and stories from the AERONET program, a global network of sky-gazing stations that tracks tiny particles in the atmosphere. Abstract submission for the [AERONET Science and Application Exchange 2024](#) (September 15-17, 2024) is open until April 15, 2024.

Prepare for the Fall 2024 DEVELOP Term

[DEVELOP](#) conducts feasibility studies that bridge the gap between Earth science information and society. These projects help both participants and partners learn more about using geospatial information. Selected Participants conduct 10-week research projects in interdisciplinary teams of 4-5 people. They work closely with DEVELOP science advisors and mentors to apply Earth observations to address real-world problems. The fall DEVELOP term will be Sept. 16 to Nov. 22. The application window will be May 06 to June 14.

March 14: EMIT Data Tutorial Series

Learn how to use the methane data products from NASA's Earth Surface Mineral Dust Source Investigation ([EMIT](#)) mission. The [workshop](#) features presentations by the EMIT science team and NASA's Land Processes Distributed Active Archive Center (LP DAAC).