



DATA & APPLICATIONS ONLINE

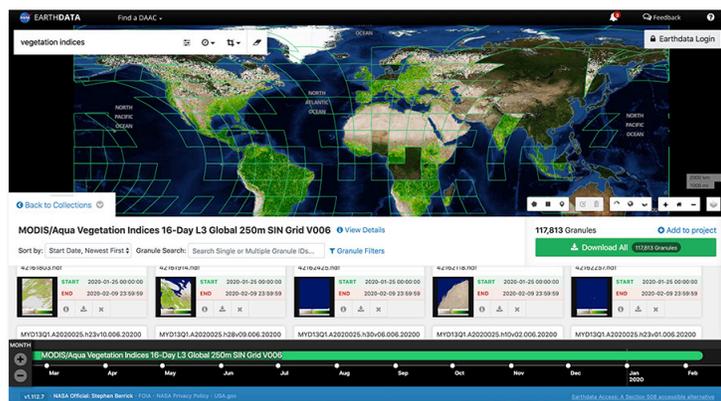
Getting Started with NASA Earth Science Data Resources

Overview: For more than 30 years, NASA's Earth Observing System Data and Information System (EOSDIS) has provided long-term measurements of our dynamic planet. The thousands of unique data products in the EOSDIS collection advance our understanding of Earth's interrelated systems. These data come from the International Space Station, satellites, airborne campaigns, field campaigns, in situ instruments and model outputs. EOSDIS supports NASA's Earth science program by processing, storing and distributing these data to a global user community for interdisciplinary use. New and ongoing NASA missions will add significant amounts of Earth science data into EOSDIS each year that will continue to be available for free – providing an invaluable resource for scientific discovery.

The Earthdata website provides comprehensive information on EOSDIS data, information, services and tools.

<https://earthdata.nasa.gov>

Data Discovery and Data Access



This section provides multiple pathways for discovering and accessing NASA Earth science data from a variety of sources including satellites, airborne campaigns, field campaigns, in situ instruments and model outputs.

■ [Earthdata Search](#)

Enables data discovery and access to Earth observation data collections from NASA's EOSDIS, as well as from our U.S. and international partner agencies. Multiple filtering, and data customization options are available.

■ [Land, Atmosphere Near Real-Time Capability for EOS \(LANCE\)](#)

Access near real-time NASA Earth science data within 3-4 hours of satellite overpass.

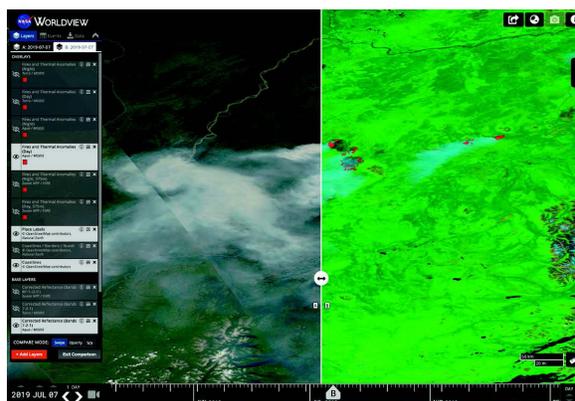
■ [Fire Information for Resource Management \(FIRMS\)](#)

Discover and access global active fires and hotspots data

■ [Discipline-Specific DAAC Tools](#)

Center-unique data tools for data discovery and data access, subsetting, filtering, geolocation, reprojection, mapping and data visualization and analysis.

Data Visualization



View NASA's Earth data imagery and create visualizations of data, whether you are interested in natural disasters, land surfaces, water resources, Earth's atmosphere, or our ocean.

■ [NASA Worldview](#)

The EOSDIS Worldview mapping application provides the capability to interactively browse global, full-resolution satellite imagery layers and then download the underlying data.

■ [Giovanni](#)

The web-based data visualization and data analysis application provides a simple and intuitive way to visualize, analyze, and access vast amounts of Earth science remote sensing data without having to download the data.

■ [Discipline-Specific DAAC Tools](#)

Center-unique data tools for data discovery and data access, subsetting, filtering, geolocation, reprojection, mapping and data visualization and analysis.

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Learning Resources



Find information, tutorials, data tools and recipes, webinars, and other learning resources to help you discover, access, and use NASA Earth science data.

- [Data Recipes/Data Tutorials](#)
- [Data Pathfinders](#)
- [Data Toolkits](#)
- [Earthdata Webinar Series](#)
- [Video How-To's](#)
- [Cloud Computing Tutorials](#)
- [How to Cloud for Earth Scientists Webinars](#)

Data Stories



Read the stories behind the data in these articles highlighting research activities from around the world and spanning the breadth of NASA Earth science

- [Data User Profiles](#)
- [Feature Articles](#)
- [Data Chats](#)
- [EOSDIS Quarterly Update Newsletter](#)

Need Help?

Contact us at support@earthdata.nasa.gov

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To learn more about NASA EOSDIS data, information, services, and tools, go to earthdata.nasa.gov.