My NASA Data

Upcoming Webinars

Grade Band

- 3-5
- 6-8
- 9-12

My NASA Data Webinars

Are you interested in using authentic NASA Earth/Environmental data to help students unravel Earth's complexity? Do you need resources to support lessons that engage students with science practices and enhance their data literacy? Come learn about Earth System phenomena using authentic NASA data and explore practical ways to inspire the next generation of scientists and engineers. Register using the **Fall Webinar Registration Link**.

Fall 2026 Webinars Series

1. **Mapping Earth Science Data with My NASA Data**

   Tuesday, November 3, 2026 @ 7pm ET
   My NASA Data's visualization tool, the Earth System Data Explorer (ESDE), provides over sixty Earth science datasets and a variety of analysis tools. This session will provide an introduction on how to access the data and an in depth focus on the tools related to ***mapped data***. It includes comparing two maps for the same area with different data in side-by-side mode or using a slider. It also covers how to generate and download images that can be used for lesson plans, projects, or animations.

2. **Time Series Graphs with My NASA Data**

   Tuesday, December 1, 2026 @ 7pm ET
   My NASA Data's visualization, the Earth System Data Explorer (ESDE), provides over sixty Earth science datasets and a variety of analysis tools. This session will provide an introduction on how to access the data and an in depth focus on the ***time series data tools***. It includes generating single or double line plots for one or two variables over time for your chosen location. In addition, it covers how to download time series data for up to four different variables. Finally, you will be guided through the **Create a Climograph for My Location** lesson plan to create a custom climograph using the downloaded data.

3. **Exploring Urban Sprawl with My NASA Data**

   Tuesday, December 15, 2026 @ 7pm ET
   Explore NASA satellite observations to analyze the environmental and systemic impacts of land cover and land use change, specifically driven by urban sprawl. This webinar demonstrates hands-on, inquiry-based approaches for K–12 classrooms, including **"Satellite Detective"** image analyses, **Cause-and-Effect** card sorting across Earth spheres, and using building bricks to help grades 3-5 learners visualize satellite pixel data and quantify changes in natural versus built land cover, with extended NASA satellite data exploration and analysis opportunities for grades 6-12 learners.

Enhance your teaching strategies with NASA's cutting-edge resources and elevate your science lessons to the next level!

Fall Webinar Registration Link

Past Webinars

- STEM Career Connections with Supplemental Lesson Plan Tuesday, October 27, 2026
- My NASA Data: Data Literacy for All Tuesday, January 20, 2026
- My NASA Data: Exploring Educator Lesson Plans My NASA Data: Exploring Customizable Resources Tuesday, March 17, 2026
- My NASA Data: A Deep Dive into Data Visualization Tuesday, April 7, 2026
- My NASA Data: A Deep Dive into Data Visualization on November 18, 2025
- My NASA Data: Data Literacy for All on September 23, 2025
- My NASA Data: Discover the Newly Enhanced Earth System Data Explorer on July 30, 2025
- My NASA Data: Exploring Lesson Plans on January 28, 2025
- My NASA Data: Exploring StoryMaps on December 3, 2024
- My NASA Data: Exploring Mini Lessons on November 19, 2024
- My NASA Data: Data Literacy for All on October 22, 2024
- My NASA Data: A Deep Dive into Data Visualization on September 24, 2024

For more information email larc-mynasadata@mail.nasa.gov.