About The Website

The My NASA Data website offers a variety of opportunities to explore Earth Science phenomena of the Atmosphere, Biosphere, Cryosphere, Geosphere, and Hydrosphere using uniquely NASA related content. Come and explore the site to learn about the following content types in each of the sphere pages:

**Mini Lessons**

These sections feature online resources to help teachers and students access NASA data in a variety of formats. MND offers pre-generated graphs, mapped visualizations, animations, and processed
data based on NGSS phenomena, providing the learner with the opportunity to explore concepts without being encumbered by visualization interfaces. These flexible resources provide guiding questions and other teacher tools so you can use them to open or close your class activity.

**Lesson Plans & Story Maps**

In these sections, you will find a variety of NASA and related lesson plans for grades 3-12 that align with NGSS Earth Systems phenomena that a focus on data collection and analysis. Most of the lessons incorporate maps and data without having to teach students spreadsheet skills, have 1:1 student/computer ratio, or rely on computers that may have outdated/incompatible software. We also include Story Maps that use Geographic Information Systems software to pull together a complete 5E lesson that is immersive and exploratory in nature.

**STEM Career Connections**

My NASA Data (MND) offers resources to help students explore careers related to Earth Systems missions at NASA. Students may review job profiles within the four disciplines of STEM (*Science, Technology, Engineering, and Mathematics*) aligned with projects in the Atmosphere, Biosphere, Cryosphere, Geosphere, and Hydrosphere and learn about real NASA employees who serve in those careers. Information on work description, job significance to NASA Earth Science, salaries, educational requirements, and more are provided. Check it out!

**GLOBE Connections**

These sections highlight related GLOBE data measurement protocols, activities, and resources that support the learning and exploration of featured phenomena of the Atmosphere, Biosphere, Cryosphere, Geosphere, and Hydrosphere...right in your backyard!

**Data Visualization: Earth System Data Explorer**

Earth System Data Explorer is a visualization tool that allows users to interact with NASA Earth Science satellite data. This tool allows users to explore the data, create custom charts, graphs, and plots to help students visualize the data.

**Related Resources**

Check out the rationale for developing and supporting My NASA Data since its inception in 2004 and access the unique education products generated by the larger MND Team.