

terra ziolkowski

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Terra | The EOS Flagship

Terra: The EOS Flagship Terra explores the connections between Earth's atmosphere, land, snow and ice, ocean, and energy balance to understand Earth's climate and to map the impact of human activity and natural disasters on communities and ecosystems

Multimedia - Terra

As the Flagship Earth Observing Satellite, Terra was the first satellite to look at Earth system science with five sensors dedicated to observing the land, water, and atmosphere. By seeing Earth from the same vantage point, but collecting multiple types of data dedicated to various areas of Earth science, scientists are able to document relationships between Earth's systems and examine their ...

About Terra

Current systems issues: None. Processed Terra data are available through several NASA data centers. Current life expectancy: Terra has far exceeded its design life and has a strong chance of operating successfully into the early 2020s. Terra began drifting in February of 2020. Read more about Terra's drifting or see key dates below. Key dates ...

Terra Instruments

Terra collects data about the Earth's bio-geochemical and energy systems using five sensors that observe the atmosphere, land surface, oceans, snow and ice, and energy budget. Each sensor has unique features that enable scientists to meet a wide range of science objectives. The five Terra onboard ...

Mission - Terra

Terra observations reveal humanity's impact on the planet and provide crucial data about natural hazards like fire and volcanoes. See Terra science. Terra is an international mission carrying instruments from the United States, Japan, and Canada.

Earth Observatory | Terra

Before we kick off an exciting year — full of celebrating Terra's upcoming 25th Anniversary! — let's take a moment to look back at the top-viewed monthly Earth Observatory stories featuring the Terra mission from 2023! Click the linked month in each banner to jump down to a brief article ...

Images - Terra

Home for the Terra Satellite Earth Observing System

Terra

Terra will also continue collecting data after an orbit lowering maneuver planned for Fall 2022. The maneuver upholds agreements to ensure Terra is a safe distance from the other missions in the 705-km Earth Observing Satellite Constellation when fuel to maintain Terra's orbit has been depleted.

Terra

Terra's Upcoming 25th Birthday Celebration, with AGU Special Sessions, an event at GSFC Visitor's Center, and online activities! Thanks again for all of your support over the years! Wishing you all a relaxing holiday full of food and friends!

Science - Terra

Science As the Flagship Earth Observing Satellite, Terra was the first satellite to look at Earth system science, collecting multiple types of data dedicated to various areas of Earth science. Scientists are able to document relationships between Earth's systems and examine their connections.