



Rivers: Our National Water Resource



Landsat 9

The decades-long legacy of the Landsat satellite program continues with the Fall 2021 launch of Landsat 9 and the July 2022 celebration of the 50th anniversary of the mission. For five decades, Landsat satellites have continuously captured images of our changing Earth, providing actionable information to resource managers and policy makers around the world. Scientists have used this unparalleled data record to better understand the interactions between climate and plants, animals, soils, and water. Landsat 9 will continue this mission, providing free and open data tracking the surface of our home planet.

AmericaView is a nationwide, university-based, and state-implemented network that advances Earth observation education through remote sensing science, applied research, workforce development, technology transfer, and community outreach.

Earth Observation Day (EOD) is a Science, Technology, Engineering, Art, and Mathematics (STEAM) education event developed by AmericaView. The celebration of EOD is an opportunity for students of all ages to learn about the importance of Earth observation and its role in helping us better understand our world. Through EOD, AmericaView introduces students to Earth observation through hands-on activities and lessons. The activities and lessons facilitate learning by exploring the beauty of the Earth as captured by satellite platforms such as Landsat, an Earth imaging program jointly directed by the U.S. Geological Survey (USGS) and the National Aeronautics and Space Administration (NASA).

For more information and to find additional educational resources, please visit the AmericaView website at www.AmericaView.org or follow AmericaView on Twitter (@AmericaView) or on Facebook (/AmericaView).

USGS Water Science School

As the Nation's largest water, earth, and biological science and civilian mapping agency, the U.S. Geological Survey collects, monitors, analyzes, and provides science about natural resource conditions, issues, and problems. When it comes to water, we've been monitoring, researching, and delivering information and data on a wide range of water resources including streamflow, groundwater, water quality, and water use and availability since 1888.

Learn about all things water-related at the USGS Water Science School (www.usgs.gov/water-science-school). You'll find information on all parts of the water cycle, water properties, and how the USGS conducts water science – as well as interactive activities, educational resources, imagery, and maps.

Learn more about the Landsat, data, and imagery, at:
landsat.gsfc.nasa.gov
www.usgs.gov/landsat
eros.usgs.gov/image-gallery/earth-as-art
earthobservatory.nasa.gov