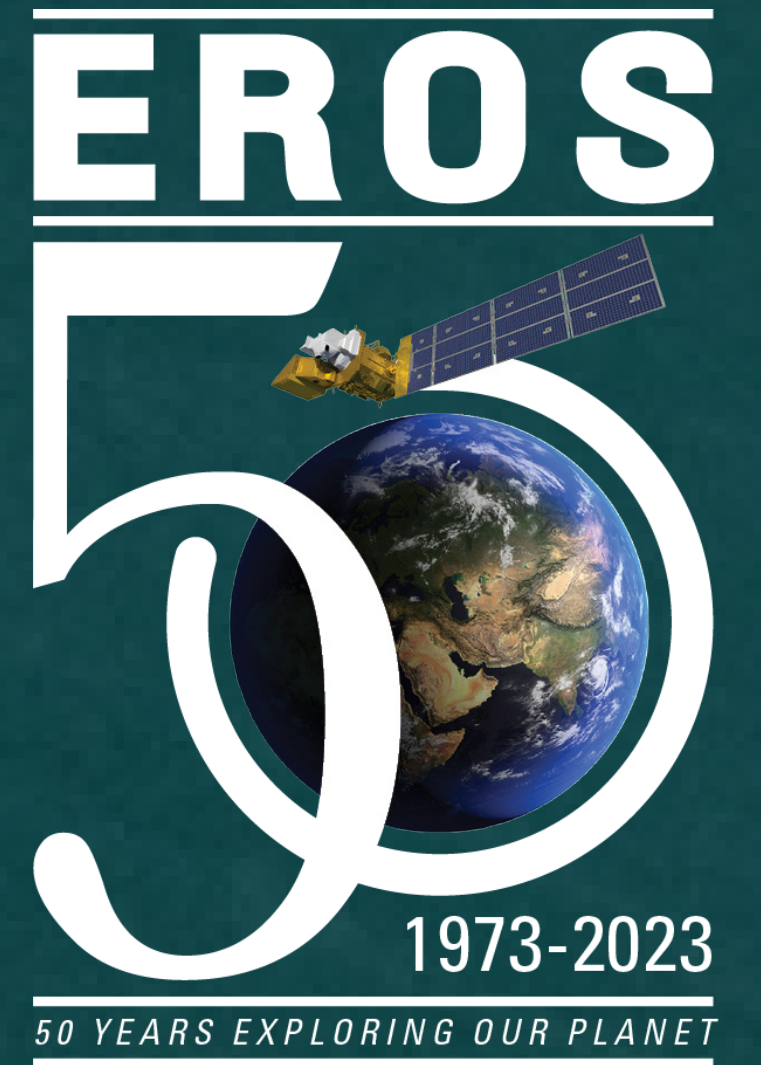


Keeping **Satellite** data accurate and consistent



EROS Cal/Val Center of Excellence (ECCOE)

The ECCOE team compares Landsat and other remotely sensed satellite data to known reference points on the ground to **ensure consistency**—a process called **calibration and validation**.

How ECCOE Helps

- 1** **The accuracy** of ECCOE's calibration gives all other civil and commercial satellite programs around the globe a trusted "gold standard" reference point.
- 2** **ECCOE works** with U.S. and international agencies and commercial vendors to help harmonize different data sources. Having more frequent, consistent views of Earth benefits scientific research.
- 3** **Landsat data** have improved throughout the 51 years of the program. When today's advances in calibration/validation are applied to past satellite missions, researchers can consistently see how land changes over decades.
- 4** **The ECCOE team** constantly seeks new and better ways to calibrate and validate data, including using the moon for calibration and using drones for ground validation.

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Learn more



Partners

NASA, NOAA, USDA, NGA, NRO, ESA, the European Commission, Geoscience Australia (GA), ISRO, DRL

Location

Data from around the globe