

Meeting Surging User **Demand** for a Massive Archive

Landsat Data Processing and Archive System (DPAS) Project



DPAS processes **raw Landsat data** into a ready-to-use, high-quality form to help understand our changing world. Since 2020, DPAS has stored these data products in the cloud, **opening new ways** to get and use the massive and growing archive. The value of our incredible 50+ year Landsat data record is clear—the demand for DPAS-made products is accelerating. **The numbers show** how we make that happen.

By the Numbers

- 1** **The openly available** Landsat archive currently stands at a gigantic 12 petabytes—enough cloud storage to hold several billion everyday digital photos.
- 2** **Landsat data products** are used by people all over the world. About 2/3 of these are scientific researchers, but anyone—including nonprofit organizations, businesses, and the general public—can use Landsat.
- 3** **In 2023**, over 250,000 unique users are expected to get Landsat data—almost double the number in 2020 and about 10 times more than in 2013.
- 4** **In 2023**, nearly 40 petabytes of Landsat data are expected to go out to users—a whopping 10 times more than in 2020 and a truly monumental increase of over 300 times more than in 2013.

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Partners

United States - National Aeronautics and Space Administration (NASA); Australia – Geoscience Australia (GA); Europe – European Space Agency (ESA) and European Commission (EC); Germany – German Aerospace Center (DLR); India - Indian Space Research Organisation (ISRO); Argentina - Comision Nacional de Actividades Espaciales (CONAE); Canada - Canada Centre for Mapping and Earth Observation (CCME0); China – Aerospace Information Research Institute Chinese Academy of Sciences (AIRCAS); Indonesia - National Research and Innovation Agency (BRIN); Norway - Kongsberg Satellite Services AS (KSAT) and Norwegian Space Agency (NOSA); South Africa – South African National Space Agency (SANSA); South Korea - National Disaster Management Research Institute (NDMI)

Location

Global

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