

**Opportunity Title:** Research Associate

**Opportunity Reference Code:** 0095-NPP-NOV23-JPL-EarthSci

**Organization** National Aeronautics and Space Administration (NASA)

**Reference Code** 0095-NPP-NOV23-JPL-EarthSci

**Application Deadline** 11/1/2023 6:00:59 PM Eastern Time Zone

**Description** We invite applications for postdoctoral researcher to conduct research aimed at advancing carbon cycle science and improving estimates of the carbon budget using satellite observations. The candidates will develop and apply an ensemble-based carbon data assimilation system coupled with the Community Earth System Model (CESM). The research is expected to focus on the carbon cycle and improving the representation of terrestrial carbon processes in the global climate model.

Candidates should have a Ph.D. in Earth Science, mathematics or equivalent. Knowledge of terrestrial carbon cycle science, data assimilation, large-scale modeling is preferred.

**Location:**

Jet Propulsion Laboratory  
Pasadena, California

**Field of Science:**Earth Science

**Advisors:**

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**Applications with citizens from Designated Countries will not be accepted at this time, unless they are Legal Permanent Residents of the United States.** A complete list of Designated Countries can be found at: <https://www.nasa.gov/oijr/export-control>.

Eligibility is currently open to:

- U.S. Citizens;
- U.S. Lawful Permanent Residents (LPR);
- Foreign Nationals eligible for an Exchange Visitor J-1 visa status; and,
- Applicants for LPR, asylees, or refugees in the U.S. at the time of application with 1) a valid EAD card and 2) I-485 or I-589 forms in pending status

**Eligibility Requirements** • **Degree:** Doctoral Degree.



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