

**Opportunity Title:** Climate Data Analysis Using GPS Radio Occultation

**Opportunity Reference Code:** 0103-NPP-NOV23-JPL-EarthSci

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

**Reference Code** 0103-NPP-NOV23-JPL-EarthSci

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

**Description** GPS radio occultation (RO) observations have a number of unique characteristics that make them highly complementary to infrared and microwave passive sounders, including high vertical resolution, all-weather remote sensing, and coverage of diurnal cycle. With over ten years of continuous data record, GPS RO can now be used effectively to study the seasonal climatology as well as diurnal, intraseasonal, and interannual variabilities and trends of various atmospheric properties.

We seek a postdoctoral scholar to perform rigorous climate data analysis using GPS RO and other complementary data. Research topics can include but not limited to tropopause trend and variability, climatology of planetary boundary layer depth, and diurnal variability of water vapor.

**Location:**

Jet Propulsion Laboratory  
Pasadena, California

**Field of Science:**Earth Science

**Advisors:**

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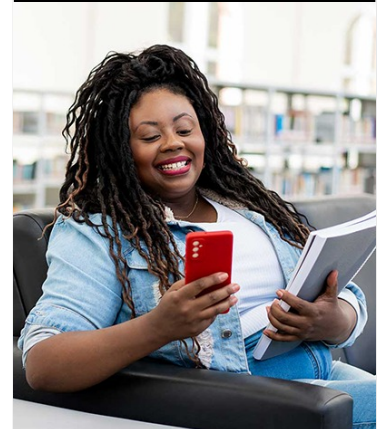
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**Applications with citizens from Designated Countries will not be accepted at this time, unless they are Legal Permanent Residents of the United States.** A complete list of Designated Countries can be found at: <https://www.nasa.gov/oiir/export-control>.

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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