

**Opportunity Title:** Environmental atmospheric processes near the surface of Mars

**Opportunity Reference Code:** 0243-NPP-NOV23-JPL-PlanetSci

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

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**How to Apply** All applications must be submitted in [Zintellect](#)

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

**Description Description:**

An opportunity is offered to study the physics of atmospheric processes near the surface of Mars especially, but not necessarily limited to, Perseverance and Curiosity. The work will consist in scientific analysis of the data collected by the environmental stations landed on that planet. The goal is to understand some of the many processes driving how the environment evolves or how it interacts with the surface. Candidates should have a background in physics and thermodynamics of atmospheres, physics or applied mathematics. They should also be willing to collaborate with a large group of scientists of the field of planetary atmospheres. Some expertise with programming in python would be helpful at the start. This opportunity also includes the option for additional training through the possibility to include occasional participation in mission operations if desired to propose new experiments or observations.

**Field of Science:** Planetary Science

**Advisors:**

Manuel de la Torre Juarez  
mtj@jpl.caltech.edu  
(818) 354-4548

**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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