

Opportunity Title: Solar System Exploration: Dynamics of Planetary Atmospheres

Opportunity Reference Code: 0021-NPP-NOV23-GSFC-PlanetSci

Organization: National Aeronautics and Space Administration (NASA)

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

Description: Theoretical investigations of atmospheric dynamics are carried out within the framework of data obtained from the Voyager, Galileo, Cassini and other missions to the giant planets; from current and past orbiters and rovers at Mars; and from space telescope, ground-based and airborne instrumentation. Emphasis is placed on the identification and study of the fundamental dynamic processes in various atmospheres. Advantage is taken of the wide range of relevant atmospheric parameters encountered among the planets to carry out comparative studies. Areas of specific interest include planetary-scale dynamics, wave propagation and associated transport phenomena, and atmospheric thermodynamics and moist convection.

Location:

Goddard Space Flight Center
Greenbelt, Maryland

Field of Science: Planetary 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/oiir/export-control>.

Eligibility is currently open to:

- U.S. Citizens;



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- 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.