

Opportunity Title: Geomorphic and Geophysical Studies of Planetary Processes and Landforms

Opportunity Reference Code: 0230-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 Proposals are solicited that focus on geomorphic and geophysical studies of planetary processes and landforms and that integrate a range of remote sensing and field analog observations and techniques. Research topics include quantitative geomorphology, geological and geomorphic mapping, impact cratering, planetary cryospheres, and comparative planetology. Current projects include using geomorphology and radar datasets to understand the origin and evolution of the cryosphere of Mars and its resource potential and impact cratering on terrestrial bodies. This research generally involves cross-comparison of planetary data sets, including infrared data, optical imaging, topographic data, radar, field observations and numerical models.

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;
- 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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