

**Opportunity Title:** Solar System Exploration - The Exploration of Planetary Surface Processes

**Opportunity Reference Code:** 0201-NPP-NOV23-GSFC-PlanetSci

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

**Reference Code** 0201-NPP-NOV23-GSFC-PlanetSci

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

**Description** We seek researchers who are interested in studying planetary surface processes through comparative planetology and terrestrial analog fieldwork. Impact cratering and volcanic processes play a dominant role in in shaping the Earth, the Moon, and Mars. Our team conducts fieldwork in planetary analog locations in order to investigate and explore these processes with remote sensing, sample collection and follow-up laboratory analysis, and/or in situ instrument deployment and data analysis. We seek proposed research in investigating impact cratering and/or comparative studies between impact and volcanic processes and deposits, enabling collaboration with our broader research group. We also seek investigations on the incorporation of science priorities, field science principles, and field portable scientific instrumentation into operations concepts and technology development for future planetary surface exploration.

**Location:**

Goddard Space Flight Center  
Greenbelt, Maryland

**Field of Science:** Planetary Science

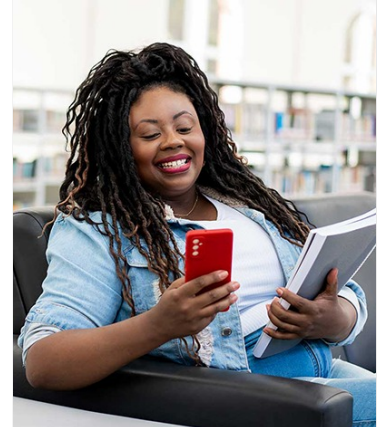
**Advisors:**

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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/oijr/export-control>.

Eligibility is currently open to:



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- 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.