

Opportunity Title: Snow and Ice Research

Opportunity Reference Code: 0167-NPP-NOV23-GSFC-EarthSci

Organization National Aeronautics and Space Administration (NASA)

Reference Code 0167-NPP-NOV23-GSFC-EarthSci

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

Description We are seeking a post-doctoral fellow interested in employing NASA and perhaps non-NASA remote sensing to enhance their research related to the terrestrial water cycle with a focus on snow and/or hydrology. Interdisciplinary studies, concentrating on the cryosphere, are encouraged.

Potential research topics include remote sensing algorithm development, modeling studies, data fusion, sensor development, and/or snow satellite mission concept studies. Participation in the design and execution of field campaigns (such as SnowEx) and analysis of the field campaign data is also a potential topic.

The post-doctoral fellow will work closely with NASA and NASA-funded researchers. Research results will be presented at national or international scientific meetings and published as journal papers. Advanced computational skills are required, as is experience working with remote sensing data (e.g., lidar, SAR, passive microwave, VIS/IR/thermal imagery, etc).

Location:

Goddard Space Flight Center
Greenbelt, Maryland

Field of Science:Earth Science

Advisors:

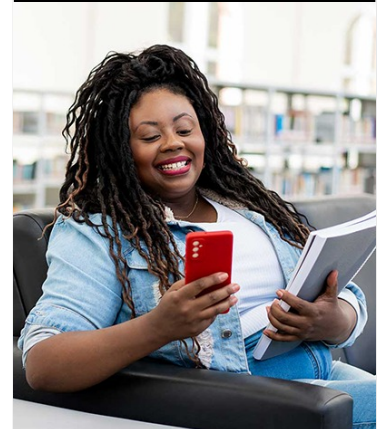
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Applications with citizens from Designated Countries will not be accepted at this time, unless they are Legal Permanent Residents of the United States. A complete list of Designated Countries can be found at: <https://www.nasa.gov/oiiir/export-control>.

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



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application with 1) a valid EAD card and 2) I-485 or I-589 forms in pending status

Eligibility Requirements

- **Degree:** Doctoral Degree.