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Opportunity Title: Earth Science: Hydrologic Applications of Remotely Sensed Precipitation
Opportunity Reference Code: 0043-NPP-MAR26-GSFC-EarthSci

Organization National Aeronautics and Space Administration (NASA)

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How to Apply All applications must be submitted in Zintellect

Please visit the NASA Postdoctoral Program website for application instructions and requirements: How to Apply | NASA Postdoctoral Program (orau.org)

A complete application to the NASA Postdoctoral Program includes:

1. Research proposal
2. Three letters of recommendation
3. Official doctoral transcript documents

Application Deadline 4/2/2026 6:00:59 PM Eastern Time Zone

Description **About the NASA Postdoctoral Program**

The NASA Postdoctoral Program (NPP) offers unique research opportunities to highly-talented scientists to engage in ongoing NASA research projects at a NASA Center, NASA Headquarters, or at a NASA-affiliated research institute. These one- to three-year fellowships are competitive and are designed to advance NASA's missions in space science, Earth science, aeronautics, space operations, exploration systems, and astrobiology.

Description:

This opportunity is closed to applicants who are Senior Fellows (5-years or more past PhD).

The Hydrological Sciences Laboratory at NASA's Goddard Space Flight Center is seeking a post-doc candidate in hydrologic application of remotely sensed precipitation. The Lab has expertise in ground and space based observation and modeling of soil moisture, snow, precipitation, and terrestrial water storage. The candidate should work with other members of the Lab towards the goal of developing a comprehensive and complete understanding of the global water cycle, by providing expertise in the measurement and analysis of precipitation at all scales. The ideal candidate will have educational experience in remote sensing of rainfall and/or snowfall. The candidate should have interests that include evaluating the numerous regional to global scale precipitation products now available, developing methods for spatial downscaling of data from these products within numerical models of land surface hydrology processes, and potential applications of these products. NASA's Global Precipitation Measurement (GPM) satellite mission launched in 2014 and provides near global precipitation estimates at high spatial and temporal resolution. The candidate could help participate in GPM analysis, and contribute to hydrologic applications of GPM data.

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Location:
Goddard Space Flight Center
Greenbelt, Maryland

Field of Science: Earth Science

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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

Questions about this opportunity? Please email npp@orau.org

Point of Contact Mikeala

Eligibility Requirements
- **Degree:** Doctoral Degree.