

Opportunity Title: Earth Science: Remote Sensing of Atmospheric Aerosol and its Climate Effect

Opportunity Reference Code: 0067-NPP-MAR26-GSFC-EarthSci

Organization National Aeronautics and Space Administration (NASA)

Reference Code 0067-NPP-MAR26-GSFC-EarthSci

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 3/1/2026 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).

Theoretical and experimental research is under way in atmospheric science, radiative transfer, and remote sensing. This research focuses on (1) remote sensing of aerosols and clouds; (2) atmospheric correction of satellite imagery of the Earth's surface; (3) interaction of aerosols and clouds, and their climatic impact; (4) remote sensing of emissions from biomass burning in the tropics; (5) calibration of satellite sensors using the Earth's atmosphere and surface reflectance; and (6) analysis of satellite data. Field experiments are conducted with measurements from aircraft and from the ground of the aerosol properties (e.g., smoke aerosol, dust, and anthropogenic aerosol), and their effect on cloud microphysics and radiation characteristics.

Location:

Goddard Space Flight Center



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Opportunity Reference Code: 0067-NPP-MAR26-GSFC-EarthSci

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/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.