Opportunity Title: Earth Science: Atmospheric Composition and Climate
Opportunity Reference Code: 0008-NPP-NOV26-GISS-EarthSci

Organization National Aeronautics and Space Administration (NASA)

Reference Code 0008-NPP-NOV26-GISS-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 11/1/2026 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).

GISS research into Atmospheric Composition and Climate explores how changes in reactive gases and aerosols both affect climate via radiation and cloud feedbacks and are affected by climate through various feedback processes. Interactions are explored across a range of climate simulations including paleo-climate, interannual variability and future projections. Policy impacts are focused on the characterization of a broad range of impacts of anthropogenic activities, with a particular emphasis on emissions pathways designed to reduce multiple environmental damages. We evaluate the effects of the full suite of climate-altering pollutants emitted by particular activities and how these might change under different policies, and assess the simultaneous responses of regional temperatures, precipitation and air quality. Fundamental research into mechanistic paramterizations of aerosol and gas phase processes, microphysics and chemistry is undertaken as well as studying chemical interaction between the atmosphere and the surface including emission generating activities, such as fires, wetlands and biological activity. In general we are interested in all mechanisms that affect climate via atmospheric composition pathways.

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Location:
Goddard Institute for Space Studies
New York City, New York

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.