

**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 \(oraу.org\)](#).

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

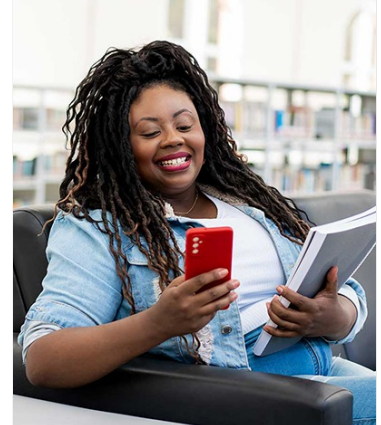
**Description** About the [NASA Postdoctoral Program](#)

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 parameterizations 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.



Whether you are just starting your career or already at a senior level, ORAU offers internships, fellowships, research opportunities, and contract positions that can provide you with invaluable experience. Download the ORAU Pathfinder mobile app and find the right opportunity to propel you along your career path!

Visit ORAU Pathfinder 



**Opportunity Title:** Earth Science: Atmospheric Composition and Climate

**Opportunity Reference Code:** 0008-NPP-NOV26-GISS-EarthSci

**Location:**

Goddard Institute for Space Studies  
New York City, New York

**Field of Science:**Earth Science

**Advisors:**

Susanne E. Bauer  
Susanne.E.Bauer@nasa.gov  
212.678.5666

Brian Cairns  
Brian.Cairns@nasa.gov  
212-678-5625

Ron Miller  
Ron.L.Miller@nasa.gov  
212-678-5577

Gavin Schmidt  
Gavin.A.Schmidt@nasa.gov  
212-678-5627

**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/oirr/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@oraui.org](mailto:npp@oraui.org)

**Point of Contact** [Mikeala](#)

**Eligibility Requirements** • **Degree:** Doctoral Degree.