

Opportunity Title: Earth Science: Climate

Opportunity Reference Code: 0001-NPP-NOV24-GISS-EarthSci

Organization National Aeronautics and Space Administration (NASA)

Reference Code 0001-NPP-NOV24-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 11/1/2024 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 U.S. and non-U.S. 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:

The climate program involves basic research on the nature of climate change and climatic processes, mostly based on the development of three-dimensional coupled general circulation models (GCMs) and their evaluation against a variety of observations. Emphasis is placed on analysis of climate changes on multiple time-scales including simulations of recent (20th and 21st Century) climate change, investigations of climate sensitivity including paleoclimatic studies, and on projections of potential future anthropogenic impacts on the climate. Comparisons to observational data from ongoing field campaigns, remote sensing and in situ modern and paleoclimate sources provide fundamental climate data for evaluating global climate model predictions. GCM developmental research focuses on sensitivity to parameterizations of clouds and moist convection, land surface processes, terrestrial ecosystem-atmosphere interactions, ocean processes, ocean-atmosphere interactions, and ice sheet-climate interactions as well as investigations of more accurate numerical methods.

Location:

Goddard Institute for Space Studies
New York City, New York



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: Climate

Opportunity Reference Code: 0001-NPP-NOV24-GISS-EarthSci

Field of Science:Earth Science

Advisors:

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

Andrew A. Lacis
Andrew.A.Lacis@nasa.gov
212-678-5595

Allegra LeGrande
Allegra.N.LeGrande@nasa.gov
212-678-5556

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

Dorothy Marie Peteet
Dorothy.M.Peteet@nasa.gov
212-678-5587

Cynthia Rosenzweig
cynthia.rosenzweig@nasa.gov
212-678-5562

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/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

Opportunity Title: Earth Science: Climate

Opportunity Reference Code: 0001-NPP-NOV24-GISS-EarthSci

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

Eligibility Requirements

- **Degree:** Doctoral Degree.