

Opportunity Title: Earth Science: Climate

Opportunity Reference Code: 0001-NPP-NOV23-GISS-EarthSci

Organization National Aeronautics and Space Administration (NASA)

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Application Deadline 11/1/2023 6:00:59 PM Eastern Time Zone

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

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/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 application with 1) a valid EAD card and 2) I-485 or I-589 forms in pending status

Eligibility Requirements

- **Degree:** Doctoral Degree.