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Opportunity Title: In-Situ Measurements of Atmospheric Carbon Species
Opportunity Reference Code: 0054-NPP-NOV23-ARC-EarthSci

Organization National Aeronautics and Space Administration (NASA)

Reference Code 0054-NPP-NOV23-ARC-EarthSci

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

Description We are looking for a candidate with an interest in hands-on instrument development and calibration, as well as fostering new research opportunities. Four instruments are available for operation in the laboratory or temporarily deployed at field sites, including measurements of carbonyl sulfide (OCS), three isotopic species of carbon dioxide (CO_2), and CO_2 fluxes. Current projects include data collection for verification of modelled OCS emission algorithms in coastal redwood forests and oceanic upwelling. Candidates with interest in carbon cycle science are particularly encouraged to apply.

Previous laboratory and/or field experience is required. Experience with a variety of data analysis software packages is advantageous. Development of secondary projects which foster collaborations with other researchers both at NASA Ames and externally is also encouraged.

Position Requirements:

- PhD in the physical or biological sciences, preferably Chemistry, Physics, Atmospheric, or Ecosystem Sciences.
- Experience working with analytical instrumentation; experience with laser-based spectroscopic techniques is preferred.
- Ability to work as a member of a team on various projects.
- Good written and verbal communication skills.

Deployment travel may be necessary.

Location:
Ames Research Center
Moffet Field, California

Field of Science: Earth Science

Advisors:
Emma L. Yates
emma.l.yates@nasa.gov
650-604-2237

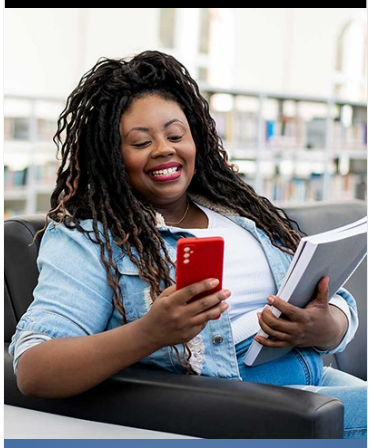
Applications with citizens from Designated Countries will not be accepted at this time, unless they are Legal Permanent Residents of the United States. A complete list of Designated Countries can be found at: https://www.nasa.gov/oiir/export-control.

Eligibility is currently open to:

- U.S. Citizens;

NPP NASA Postdoctoral Program

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- 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.