

Opportunity Title: USGS Climate Adaptation Fellowship

Opportunity Reference Code: DOI-USGS-2024-27

Organization U.S. Department of the Interior (DOI)

Reference Code DOI-USGS-2024-27

How to Apply *To submit your application, scroll to the bottom of this opportunity and click **APPLY**.*

A complete application consists of:

- An application
- Transcript(s) – For this opportunity, an unofficial transcript or copy of the student academic records printed by the applicant or by academic advisors from internal institution systems may be submitted. Click [here](#) for detailed information about acceptable transcripts.
- A current resume/CV, including academic history, employment history, relevant experiences, and publication list
- Two educational or professional recommendations.

All documents must be in English or include an official English translation.

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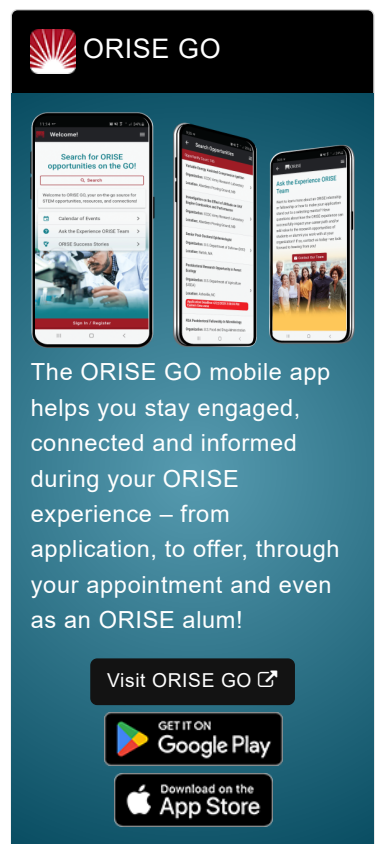
Application Deadline 11/22/2024 12:20:19 PM Eastern Time Zone

Description **USGS Office/Lab and Location:** A research opportunity is currently available with the U.S. Geological Survey (USGS) at the Midwest Climate Adaptation Science Center (MWCASC) located in Saint Paul, Minnesota. Appointment location is negotiable within the Midwest.

The USGS mission is to monitor, analyze, and predict current and evolving dynamics of complex human and natural Earth-system interactions and to deliver actionable intelligence at scales and timeframes relevant to decision makers. As the Nation's largest water, earth, and biological science and civilian mapping agency, USGS collects, monitors, analyzes, and provides science about natural resource conditions, issues, and problems. The mission of the Midwest Climate Adaptation Science Center (MW CASC) is to deliver science to help wildlife, ecosystems, and people adapt to a changing climate.

Research Project: This project will guide the consideration and inclusion of climate adaptation in infrastructure (e.g. culverts and bridges) management for the Midwest region of the National Park system. This includes completing robust engagement of resource managers for local knowledge and context, conducting climate change vulnerability and hazards assessments, assessing planning processes, and the identifying opportunities for climate adaptation in the National Park System. The anticipated project duration is a minimum of 3 years.

Learning Objectives: The selected participant will have the opportunity to learn how to fill critical information gaps in climate effects on infrastructure, build expertise in decision science, hone skills in science communication,

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better understand the needs of the natural resource management community, engage with federal partners, and gain valuable experience being a part of a partnership-driven program within a federal science agency.

Mentor: The mentor for this opportunity is Olivia LeDee (oledee@usgs.gov). If you have questions about the nature of the research, please contact the mentor.

Anticipated Appointment Start Date: Start date is flexible and will depend on a variety of factors.

Appointment Length: The appointment will initially be for one year but may be extended upon recommendation of USGS and is contingent on the availability of funds.

Level of Participation: The appointment will be either part-time or full-time.

Participant Stipend: The participant will receive a monthly stipend based on education, experience, and full-/part-time status. **The current (full-time) stipend for this opportunity is \$78,969-\$102,657 per year plus an additional travel and supplies allowance.**

Citizenship Requirements: This opportunity is available to U.S. citizens and Lawful Permanent Residents.

ORISE Information: This program, administered by ORAU through its contract with the U.S. Department of Energy (DOE) to manage the Oak Ridge Institute for Science and Education (ORISE), was established through an interagency agreement between DOE and USGS. Participants do not become employees of USGS, DOE or the program administrator, and there are no employment-related benefits. Proof of health insurance is required for participation in this program. Health insurance can be obtained through ORISE.






Questions: If you have questions about the application process, please email USGS@ora.org and include the reference code for this opportunity.

Qualifications The qualified candidate should be currently pursuing or have received a master's or doctoral degree in one of the relevant fields (Civil Engineering, Water Resources, Atmospheric Sciences or related disciplines). Candidates with experience in Meteorology/Atmospheric Sciences and the Social/Behavioral Sciences will also be considered. Degree must have been received within the past five years or is currently pursuing.

- Eligibility Requirements**
- **Citizenship:** LPR or U.S. Citizen
 - **Degree:** Master's Degree or Doctoral Degree received within the last 60 months or currently pursuing.
 - **Discipline(s):**
 - **Earth and Geosciences** ([21](#))

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- **Engineering** ([27](#) )
- **Environmental and Marine Sciences** ([14](#) )
- **Life Health and Medical Sciences** ([51](#) )
- **Physics** ([16](#) )
- **Social and Behavioral Sciences** ([30](#) )