

Opportunity Title: USGS Tribal Climate Strategies Research Scholar

Opportunity Reference Code: USGS-2021-02



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

**Reference Code** USGS-2021-02

**How to Apply** *Connect with ORISE...on the GO!* Download the new ORISE GO mobile app in the [Apple App Store](#) or [Google Play Store](#) to help you stay engaged, connected, and informed during your ORISE experience and beyond!

A complete application package 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. Selected candidate must provide proof of completion of the degree before the appointment can start. Click [Here](#) for detailed information about acceptable transcripts.
- A current resume/CV
- Two educational or professional recommendations. At least one recommendation must be submitted in order for the mentor to view your application.

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

**Application Deadline** 8/31/2021 3:00:00 PM Eastern Time Zone

**Description** *\*Applications will be reviewed on a rolling-basis.*

**USGS Office/Lab and Location:** A research opportunity is available with U.S. Geological Survey (USGS) Southeast Climate Adaptation Science Center (SE CASC) located in Raleigh, North Carolina.

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 Climate Adaptation Science Centers (CASCs) is to deliver science to help wildlife, ecosystems, and people adapt to a changing climate. We work directly with land managers, native communities, and other partners to create research and tools that can be applied directly to adaptation decisions. Our network is comprised of nine regional CASCs and one National CASC.

**Research Project:** The project will develop and conduct research with and for Tribal Nations/organizations relevant to the SE CASC mission “to deliver science wildlife, ecosystems, and people adapt to a changing climate.” This includes evaluation of current Southeast CASC research portfolio for relevance to Tribal Nations/Organizations, support for developing a Northeast/SoutheastCASC Tribal Climate Resilience Engagement Strategy, and technical support to better leverage, translate, communicate, synthesize and share CASC research with Tribal Nations/Organizations.

**Learning Objectives:**

1. Develop understanding of how tribal nations in the southeastern US consider climate change as part of their long-term planning
2. Develop understanding of technical needs of tribal nations to incorporate climate science into their natural and cultural resource management
3. Develop understanding of scientific questions needed to better address tribal climate-related resource management challenges.

**Mentor:** The mentor for this opportunity is Ryan Boyles ([rboyles@usgs.gov](mailto:rboyles@usgs.gov)). If you have questions about the

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nature of the research please contact the mentor.

**Anticipated Appointment Start Date: 2021.** 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 for an additional year upon recommendation of USGS and is contingent on the availability of funds.

**Level of Participation:** The appointment is full-time.

**Participant Stipend:** The participant will receive a monthly stipend commensurate with educational level and experience.

**Citizenship Requirements:** This opportunity is available to U.S. citizens, Lawful Permanent Residents (LPR), and foreign nationals.

**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@orau.org](mailto:USGS@orau.org) and include the reference code for this opportunity.

**Qualifications** The qualified candidate should have received a doctoral degree in one of the relevant fields.

Preferred skills:

- Knowledge of tribal governance and history
- Experience incorporating traditional ecological knowledge
- Knowledge of co-management and multi-jurisdictional management of natural resources
- Experience studying climate impacts to natural resources.
- Experience with science translation and communication of climate concepts to non-experts.

**Eligibility Requirements**

- **Degree:** Doctoral Degree.
- **Discipline(s):**
  - **Environmental and Marine Sciences** (10 )
  - **Life Health and Medical Sciences** (7 )
  - **Other Non-S&E** (1 )
  - **Physics** (2 )
  - **Social and Behavioral Sciences** (9 )