

**PhD research opportunity: Pollinator Response to Energy Rights-of-Way
Northern Arizona University**

Applications are invited for a student in the PhD program in Earth Sciences and Environmental Sustainability (ESES) at Northern Arizona University (NAU) in the School of Earth and Sustainability. The student will work on a funded study of pollinator response to vegetation treatments in powerline rights-of-way in northern and central Arizona. The successful applicant will lead the field vegetation and pollinator data collection and lab-based native bee identification for this project, working with a team of PIs and field assistants. The project allows for the development of additional research questions, including the role of invasive species and woody plant encroachment on pollinators and ecosystems, and evaluation of effective restoration strategies for improving pollinator habitat. The successful applicant will identify and complete an independent PhD project in alignment with the existing effort. Current funding will cover research costs as well as four years of stipend and tuition for the successful applicant.

The ideal candidate will have:

- Strong interest in working independently and creatively
- Experience conducting ecological research, including collecting, managing, and analyzing robust datasets
- Experience in collection and identification of native plants and bees (preferred)
- Ability to perform strenuous physical activity, particularly hiking to reach sampling sites
- Comfort camping in the field during data collection season
- Interest in collaborating with an interdisciplinary team of researchers from diverse backgrounds
- Excellent writing skills
- Completed a Master of Science degree (strongly preferred)

Interested applicants should send an email addressed to Clare Aslan (clare.aslan@nau.edu). In addition to the preferred qualifications for these positions, potential candidates must meet the admission standards and be fully accepted into the ESES PhD program. After discussing interest with Dr. Aslan, applicants must submit: online application; transcripts; three letters of recommendation; and a statement of your interests in and goals for a PhD program, and your reasons for pursuing an advanced degree. Application materials are due January 15, 2021 for Fall 2021 admission. You can access the application portal and view graduate school requirements here: <http://nau.edu/GradCol/Admissions/Application/>.

Program information: The interdisciplinary Earth Sciences and Environmental Sustainability doctoral program will prepare you to be part of a growing industry of leaders, scientists, and engineers addressing issues of climate change, water scarcity, natural resource demand, and environmental sustainability in the Southwest, United States, and the global community. Northern Arizona University's School of Earth Sciences and Environmental Sustainability draws upon faculty and professionals in the natural and social sciences to combine outreach and educational programs addressing the diverse needs of stakeholders with undergraduate degrees in environmental sciences, environmental studies, and geology.

Northern Arizona University sits at the base of the San Francisco Peaks, on homelands sacred to Native Americans throughout the region. We honor their past, present, and future generations, who have lived here for millennia and will forever call this place home.

For information please see: <https://nau.edu/ses/earth-sciences-and-environmental-sustainability-doctor-of-philosophy/>