

**Postdoctoral Research Scholar:
Decision Support for Assessing Pesticide Impacts on ESA Listed Species**

Location

Tempe Campus

Full/Part Time

Full-time

Regular/Temporary

Regular fiscal appointment

Position type

This is a grant-funded position. Continuation is contingent on future grant funding. This position is expected to run for two consecutive years. The second-year renewal is contingent upon satisfactory progress and contribution to the collective program.

Hiring range

\$47,476 - \$54,071 annually, benefits eligible.

Job description

The Global Drylands Center (GDC), the Extremes Focal Area and the Sala Lab are seeking a postdoctoral research scholar to lead two types of complementary activities. The postdoctoral fellow will contribute to synthesis activities within the Global Drylands Center and the Extremes Focal Area in close collaboration with the Director, the Executive Committee and GDC-Extremes members. Synthesis activities will be complemented by the deployment of a field experiment at the Jornada Experimental Range in New Mexico with the objective of understanding interactions between intensity and duration of grazing and drought. The experiment will test the hypothesis that thresholds in rates of grass decline and recovery will be controlled by the interaction of defoliation amount, drought severity, and press duration.

Expected to start: The qualified candidate is anticipated to start as soon as possible. Candidates must be within 5 years from receipt of their doctoral degree. The initial appointment is being made on a fiscal year, for one year, with subsequent annual renewal for up to an additional year (or, for up to two additional years) contingent upon satisfactory performance, the needs of the university, and availability of resources.

Essential duties

1. Collaborate in the activities of the Global Drylands Center and Extremes Focal Area including synthesis, education and outreach.
2. Design and deploy field experiment and collect data in collaboration with lab manager and graduate students
3. Analyze experimental data and write scientific papers associated with the research.
4. Travel to meetings to perform the work and present results.
5. Be an active member in research group activities (e.g., participate in lab meetings, mentor students).

Minimum qualifications

Successful candidates must have at the time of appointment an earned doctorate in a relevant field such as ecology, environmental studies or sustainability science.

Desired qualifications

Special emphasis will be placed on candidates with the capacity to work effectively in interdisciplinary teams, a strong record of scholarly achievement, and excellent written and oral communication skills. We are interested in candidates with field experimentation and data analyses.

Department and project information

The Global Drylands Center and the Extremes Focal Area are part of the School of Life Sciences (SOLS), the Global Institute of Sustainability and Innovation and the Global Futures Lab. They provide a vital hub for creative excellence at Arizona State University, with active and evolving platforms for collaborative, cutting-edge research and faculty whose discovery is freed from traditional institutional boundaries. Arizona State University is a dynamic, progressive university dedicated to interdisciplinary collaborations, to rethinking university education, and to integrating excellence in research and teaching.

Instructions to apply

To review and apply for this position, please visit <http://apply.interfolio.com/101866>. Applicants must submit:

1. Cover letter and research interests. Applicants should describe experience and suitability for the position.
2. Curriculum vitae or resume.
3. A statement addressing how your past and/or potential contributions to diversity and inclusion will advance ASU's commitment to inclusive excellence.
4. Contact information (name, email and phone) for two or three references.

Application close date

The deadline will be February 22 at 3:00 p.m. AZ time.

Applications will continue to be accepted on a rolling basis for a reserve pool. Applications in the reserve pool may then be reviewed in the order in which they were received until the position is filled.

The College values our cultural and intellectual diversity, and continually strives to foster a welcoming and inclusive environment. We are especially interested in applicants who can strengthen the diversity of the academic community.

Background check is required for employment. Arizona State University is a VEVRAA Federal Contractor and an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, protected veteran status, or any other basis protected by law. (See <https://www.asu.edu/aad/manuals/acd/acd401.html> and <https://www.asu.edu/titleIX/>.)

In compliance with federal law, ASU prepares an annual report on campus security and fire safety programs and resources. ASU's Annual Security and Fire Safety Report is available online at <https://www.asu.edu/police/PDFs/ASU-Clery-Report.pdf>. You may request a hard copy of the report by contacting the ASU Police Department at 480-965-3456.

COVID-19 Vaccination - Arizona State University is a federal contractor and subject to federal regulations which may require you to produce a record of a COVID-19 vaccination. For questions about medical or religious accommodations, please visit the Office of Diversity, Equity and Inclusion's webpage.