

**Senior Research Specialist Position (Ecologist)**  
**University of Arizona**

Applications are invited for a full-time Senior Research Specialist position in Steve Archer's lab in the School of Natural Resources at the University of Arizona (annual salary range \$39,173 – \$45,686; hard money position). The successful candidate will interact with collaborators in ecosystem science, physiological ecology, soil science, landscape ecology, remote sensing and ecosystem modeling. Research emphasizes grass-woody plant interactions in the context of patch dynamics, climate change and land use in dryland ecosystems. Ongoing studies are focused on understanding factors controlling the relative abundance of woody and herbaceous life forms in drylands and ecosystem responses to changes in grass-shrub abundance (e.g., primary production, root biomass and turnover, litter decomposition, soil nutrient pools and fluxes, plant gas exchange, plant and soil water relations, and population biology). Supervision and coordination of activities of undergraduate student workers, technicians and graduate students in the collection and processing of plant, soil, and water samples for physical and chemical analysis are an important component of the position. Management and analysis of extensive databases are also important responsibilities. The position can be tailored to the expertise/interests of the selected applicant. Candidate is expected to actively participate in the development of manuscripts and grant proposals. For more details on activities and responsibilities see <http://ag.arizona.edu/research/archer/>

**Minimum Qualifications:** MS in botany, plant ecophysiology, ecosystem science, plant ecology, soil science or related field; experience with field data collection techniques in plant ecology & soil science.

**Starting Date:** 1 August 2007 (or as soon thereafter as possible)

**Application Procedure:** Applications for this position (*Job No. 38278*) must be made on-line via the University of Arizona Human Resources web page. See <http://ag.arizona.edu/research/archer/> for instructions.

**Questions?** Contact [sarcher@ag.arizona.edu](mailto:sarcher@ag.arizona.edu)