

Quantitative Plant Ecology/Ecosystem Assessment. A postdoctoral researcher is being sought to join a multidisciplinary research team in the **Department of Ecosystem Science and Management, Texas A&M University**. The successful candidate will assemble and analyze long-term ecological data from multiple sites throughout the central and western US. These data will be used to construct quantitative models of ecosystem dynamics to evaluate and guide development of an emerging ecosystem assessment protocol based upon ecological resilience, alternative stable states and thresholds. Major responsibilities will include acquisition, formatting, and analysis of existing long-term ecological data sets; construction of empirically-based quantitative models of ecosystem behavior; and formalization of an ecological protocol capable of incorporating long-term ecological data into ecosystem assessment models. Some out-of-state travel will be required during the first year of the 2-year grant supported project.

A Ph.D. in ecosystem science, plant ecology or related discipline and quantitative knowledge of temporal and spatial vegetation dynamics are required. Some familiarity with rangeland ecosystems of the Great Plains and Intermountain West is desirable. Beginning salary is competitive (\$40,000 - 50,000/yr) and commensurate with experience and qualifications. To apply, submit a statement of research interest, CV, relevant reprints, and contact information for three references to David Briske (dbriske@tamu.edu) or Ben Wu (xbw@tamu.edu). Applicant evaluation will begin on 1 December 2008 and continue until a qualified candidate has been identified.