Restoration Program Coordinator/Scientist Position

The U.S. Geological Survey Southwest Biological Science Center in Flagstaff, AZ seeks a coordinator/scientist for the Restoration Assessment and Monitoring Program for the Southwest (RAMPS).

About RAMPS

Despite the demand for restoration and rehabilitation, little information is available to help managers effectively reestablish perennial vegetation and stabilize soils in regions constrained by water availability, and even less information is available to help land managers structure restoration efforts to be successful in the context of changing climate and disturbance regimes. **The mission of RAMPS is to strengthen restoration strategies and outcomes in the southwestern U.S. by providing science and guidance on effective restoration practices to the management community.** Responsibilities of the coordinator include:

**Project Coordination**

- Pursue grant or other funding opportunities and develop proposals to secure funding for scientific projects.
- Participate in strategic planning, coordination, project development, and setting priorities for scientific investigations involving multiple investigators and disciplines.
- Professional knowledge of federal, state, and university programs in the field of restoration ecology, including their operational structure, management practices, and science information needs to ensure that USGS work complements that of partner organizations in meeting science and management objectives.
- Plan and implement science outreach, including the development of websites and databases, background briefing papers, and the creation of data delivery and analysis tools. Ability to present research results to other scientists, and effectively translate research findings to the management and practitioner community, and general public.
- Designs, facilitates and evaluates meetings, team building sessions, and various problem solving and planning (strategic, tactical and operational) sessions with intact work groups, interdisciplinary teams, and internal and external stakeholders to improve group effectiveness and ensure desired mission outcomes.

**Research**

- Utilize professional knowledge of the theories, principles, and concepts of ecology, especially in the sub-discipline of restoration ecology, landscape ecology, and natural resource management.
- Professional knowledge of post-disturbance ecological recovery and familiarity with how restoration, reclamation, and rehabilitation treatments can encourage recovery.
- Ability to synthesize, manipulate, and analyze large datasets, and utilize computer software and databases in order to evaluate ecological hypotheses, especially those pertaining to restoration.
- Understand the structure, function, and dynamics of predominant dryland ecosystems of the southwestern U.S., including grasslands, shrublands, and woodlands.
- Professional knowledge of how natural and land-use disturbances, climate, and other environmental factors influence populations, communities, and ecosystems.

Interested candidates should direct questions and interest about the position to Seth Munson (smunson@usgs.gov).