

Post-Doctoral Rangeland Ecologist (GS-11)

USDA-ARS

Burns, Oregon

Position description: The successful candidate for this position will have a diversity of potential research opportunities. Those opportunities will include new research that builds on the candidate's interest and skills and is within the scope of the units' research objectives. The successful candidate will also have the opportunity to join and expand upon existing research efforts that may include, but are not limited to, modeling relationships between temporal and spatial variability in fuels and fire probability/severity, forecasting the effects of temporal and spatial variability on plant community diversity and production, and using our long-term grazing enclosures to determine grazing effects on soil carbon dynamics. Depending on focal projects, the successful candidate may work with one or more PIs including Dr. Jon Bates (ARS), Dr. Stella Copeland (ARS), Dr. Chad Boyd (ARS), or Dustin Johnson (Oregon State University).

Qualifications: Ph.D. in Rangeland Ecology or related field

Open dates: Applications will be accepted beginning December 7, 2020 and the position will remain open until a suitable candidate is found.

Duration: Two to three years, negotiable.

Burns ARS: Co-located with Oregon State University and The Nature Conservancy, the Burns ARS Location uses research as a tool to address rangeland management issues and publishes the results of those efforts in the form of both peer review journals articles, and applied management guides and decision support tools. Our research unfolds in a variety of settings including lab facilities (wet lab, 4-season indoor grow room, seed technology lab), on lands administered by both land management agencies and private producers, and at the ARS-administered 16,000 acre Northern Great Basin Experimental Range near Burns. Our stakeholders range from cattle producers to land management/regulatory agencies; conservation groups; and local, state, and regional governments. The general focus of our work is on restoring and maintaining sagebrush plant communities, and pre-emptively mitigating non-desired change agents such as wildfire and invasive plant species. We are also heavily invested in using science as a tool to inform management within ongoing regional natural resource collaboratives.

Application: Send letter of interest, resume, college transcripts, and contact information for at least 3 references to:

Dr. Stella Copeland
Eastern Oregon Agricultural Research Center
67826-A, Highway 205
Burns, OR 97720
stella.copeland@usda.gov
Phone: 541-573-8915