Postdoctoral Scholar: Applications are invited for a 12-month, full-time (1.0 FTE) postdoctoral scholar position on Agricultural Resource Management (improving soil health, water quality, and post-harvest residue management for sustainable crop production) at the Klamath Basin Research and Extension Center (KBREC) in the Department of Crop and Soil Science at the Oregon State University, Oregon.

Position Summary/Description: The postdoctoral scholar will contribute to the various projects leading to soil fertility, plant nutrition, crop production (many aspects of cereal-based cropping system e.g. winter and spring cereals such as barley and wheat, alternate crops such as hemp, grassed, cover crops, etc.), and strategies to improve soil health, crop residue management, water quantity, and quality improvement & environmental protection to maintain agricultural sustainability. The incumbent is expected to conduct field, and/or laboratory studies in these areas leading to peer-reviewed research publications. The postdoc scholar will work on currently ongoing projects (e.g. USDA Funded Nationally recognized hemp irrigation project), developing new projects as well as work on the interpretation of previously collected experimental data or assisting on other peer-reviewed research publications in the team. In addition, the candidate will get an opportunity to participate in extension outreach events and assist in writing extension/outreach publications. This incumbent will have opportunities to collaborate with multidisciplinary scientists at other institutions nationally and internationally, local USDA-NRCS personnel, local water management district, university extension professors, and stakeholders. Postdoctoral scholar appointments at OSU also involve significant attention to the professional development of the incumbent especially mentoring towards a better professional career in the future will be supported and provided by the supervisor.

Position Duties/Responsibilities: (i) Design, implement, and managing research activities at field sites both independently as well as learn from team members, (ii) Soil, water and plant sample collection, (iii) Laboratory processing, submission as well as analysis of samples, (iv) Processing, analyzing, and reporting on findings including statistical analysis (v) communicating and developing research priorities with regional producers and users, (vi) dissemination of the research findings regionally and nationally through local/regional/national or international meetings, (vii) producing extension publications, (vii) publish research results as lead or co-author in peer-reviewed journals and other publications as appropriate, (viii) supervise (plan, assign, and approve daily duties for temporary student hires or undergraduates) assistants and laboratory technicians.
**Qualification:** Ph.D. degree in Soil Science, Agronomy, or related fields who demonstrated good statistical abilities and writing skills, ability to work independently, some publication record, driver’s license, and be able to do physical fieldwork. Experience with soil and plant analyses, cropping systems, and data management would be great. Ability to work across disciplines and excellent communication skills are expected. A demonstrable commitment to promoting and enhancing diversity is preferred. Proficiency with fundamental laboratory techniques. Demonstrated ability to collaborate and work within a team structure. Ability to work independently in diverse environmental conditions. It is expected that the candidate will have experience in conducting applied research. Some researches will be conducted at KBREC and at grower-collaborator field sites that will require travel using an OSU vehicle. Our work may require lifting, pushing, or pulling some weights.

**Location:** The candidate will be located at the Klamath basin research and Extension Center (KBREC) at Klamath Falls, Oregon. The KBREC has an 8-10 person staff which is next to the extension services; small unit but very effective and great ambiance to work with. Klamath Falls has a population of 22,000 and serves as a regional economic center with attributes of a larger city. The beautiful Crater Lake National Park is only 35 miles away from Klamath Falls. There are ample outdoor and recreational opportunities abound in nearby rivers and mountains etc.

**Compensation:** $52,704 as per the min NIH requirements ([https://gradschool.oregonstate.edu/postdocs/stipends-and-benefits](https://gradschool.oregonstate.edu/postdocs/stipends-and-benefits)) for a postdoc. Stipend and benefits conform to postdoctoral scholar standards at OSU.

**Duration:** It would be a 12 months full time (1.0 FTE; 100%) postdoc position. The anticipated appointment start date: September 1, 2020 and anticipated appointment end date August 31, 2021. However, the appointment start date is negotiable. The position will remain open until filled.

**How to Apply:** Email application containing a PDF combining all the documents of the following materials to: Dr. Biswanath Dari (b.dari@oregonstate.edu) as soon as possible

1) Cover Letter
2) CV/Resume
3) Copies graduate transcripts
4) Names and contact information for at least three professional references
5) 1-2 representative research article, if applicable

**Application Deadline:** Review of applicants will begin immediately or as they are received and the position will remain open until a suitable candidate is identified. Preferred start date by Sometimes in fall 2020.

Please direct questions about this position to b.dari@oregonstate.edu

Oregon State University is an affirmative action/equal opportunity employer.