

Postdoctoral Scholar in social-ecological systems science and wildfire risk governance
Department of Human Dimensions of Natural Resources, Colorado State University

Position description

We are hiring a Postdoctoral Scholar position to join an [NSF-funded project](#) investigating wildfire risk governance networks in the American West. We seek a social-ecological systems scientist or quantitative social scientist to lead data management, analysis, scientific writing, and outreach activities.

The position will support research on how local-level wildfire protection planning processes interact with and shape systems-level risk governance and, consequently, the implementation of risk mitigation measures at both local and regional scales. This research aims to improve understanding of (i) how risk governance networks affect policy implementation and adaptation in collaborative planning processes and in the scope of decisions they produce, (ii) how social processes (such as learning, cooperation, and competition) affect the implementation of those decisions, and (iii) how interdependent decision-making processes affect the efficiency of risk mitigation at regional scales. Extant quantitative qualitative data will be used to apply network analysis, thematic analysis, and computational modeling, among other methods.

The postdoc will be based in the Department of Human Dimensions of Natural Resources with PI Jonathan Salerno, and at the Colorado Forest Restoration Institute with Dr. Tony Cheng. The postdoc will join a larger team of collaborators from The Ohio State University (Drs. Matt Hamilton and Eric Toman), the University of Michigan (Dr. A. Paige Fischer), and Portland State University (Dr. Max Nielsen-Pincus).

The initial appointment is for 1 year with opportunity for reappointment for a 2nd year based on performance.

The start date is flexible; applicants who can begin spring or summer 2023 will be considered.

There is a strong preference for the postdoc to be based physically in Fort Collins, Colorado, USA.

Qualifications

Required

PhD in the quantitative social sciences or social-ecological systems-related discipline (by anticipated start date)

Strong publication record (relative to timing of degree)

Preferred

Theoretical background in decision-making, collective action, cooperation, and governance

Skills in data science and computational methods, including network analysis and spatial tools

Experience conducting fieldwork and outreach

Familiarity in natural resource management or wildfire in the American West

To apply, submit the following components to <https://jobs.colostate.edu/postings/118680>: CV, cover letter, and contact information for 3 references.

In the cover letter, please detail research experience, fit for the position (including specific methodological skills and experience with each of the other required and preferred qualifications), and career goals following the position.

Review of applications will begin 1 February. The position will remain open until filled. Contact Jonathan Salerno (jonathan.salerno@colostate.edu) with questions.

CSU is an EO/EA/AA employer and conducts background checks on all final candidates.