Postdoctoral Scholar in Equitable Coastal Community Resilience
The Cascadia Coastlines and Peoples Hazards Research Hub (CoPes Hub)
Oregon State University

Position Summary
The College of Earth, Ocean, and Atmospheric Sciences is seeking a Postdoctoral Scholar for the Cascadia CoPes Hub. This is a full-time (1.00 FTE) one-year fixed term professional faculty position. Reappointment for an additional two years is possible depending upon annual review.

Oregon State University, the University of Washington, and several other regional partners, have recently initiated the Cascadia Coastlines and Peoples Hazards Research Hub (Cascadia CoPes Hub) focused on increasing coastal resiliency among communities in the US Pacific Northwest. We are seeking a Postdoctoral Scholar to participate in this convergent coastal hazards research project focused on the impacts, and community adaptation measures that mitigate, both chronic (climate change induced) and acute (seismic induced) coastal hazards within Cascadia (from Humboldt County, CA to the Salish Sea, WA). The successful candidate will join a cohort of several postdocs spread across partner institutions who will work collaboratively on a wide range of project components from seismic hazards to coastal inundation to community planning and engagement.

The Postdoctoral Scholar in Equitable Coastal Community Resilience, under the direction of their mentor, Dr. Jenna Tilt, will engage with coastal community members to co-produce qualitative and quantitative social science data with the overall research goals of integrating multiple epistemological frames and values systems into disaster risk assessment and management, and identifying multi-use adaptation strategies for disaster risk reduction (DRR). The Postdoctoral Scholar will have a lot of latitude in refining pertinent research questions and will lead the collection of qualitative and quantitative data by employing culturally appropriate mixed-methods approaches to accomplish the overarching research goals. Specific data collection methods may include: semi-structured interviews and focus groups, whole community workshops, participatory mapping, photovoice, cognitive mapping, and future scenarios exercises. Along with other Postdoctoral Scholars involved in the Cascadia CoPes Hub, the Scholar will serve as a Coastal Research Community Liaison for Hub study communities (“collaboratories”). In this role, the Postdoctoral Scholar will identify additional research needs and support science co-production, translation, and outreach. We see the role of Coastal Research Community Liaison critical to the success of the research conducted by all Hub researchers.

As part of their responsibilities as both social science researcher and community liaison, the Postdoctoral Scholar will engage in project management, administrative and logistical support, and professional development activities. The Postdoctoral Scholar will create and implement an Individual Development Plan (IDP) in consultation with primary mentor and the hub admin core. The IDP includes long-term career goals and perceived strengths and weaknesses. The IDP will serve as a platform for discussion of possible improvement and areas for growth, which will include goals (e.g., for research, manuscript completion, submission of grants, conference attendance, training, etc.) and a task timeline.

Position Duties:
50%: Conduct social science research regarding equitable disaster risk reduction (DRR) strategies for coastal communities and present results in written and oral scientific and outreach communications. This research will primarily take place in Oregon, with opportunities for comparative studies in Washington and Northern California Hub Collaboratories. The Postdoctoral Scholar will assist with IRB related activities including submissions, approvals, modifications, and renewals. The Postdoctoral Scholar will contribute to manuscript development and report writing. They will prepare meeting summaries, progress reports, study deliverables, journal articles, and other written materials, and
present study findings at meetings as needed. Publication in appropriate scientific journals is expected. Participation in grant-writing with PIs to fund the next stage and future expansion of project topics is expected.

50%: Coastal Research Community Liaison: With mentorship and support from, and in coordination with OSU and other Hub institutions, the Postdoctoral Scholar will serve as a Coastal Research Community Liaison for Hub study communities (e.g. “collaboratories”) to support science co-production, translation, and outreach. Community liaisons will build upon and sustain the CoPes Hub network of community members and stakeholders in Hub Collaboratories through active and culturally appropriate engagement activities including community planning workshops, fieldtrips, research symposiums, and other activities to support science co-production, translation, and outreach. Liaisons will help identify the research needs of communities and support researchers in increasing usability and applicability of research and will optimize opportunities for communities to apply science.

Minimum Qualifications

- Candidate must have earned a PhD in Social Sciences or a closely related field by the start date of the appointment.
- Demonstrated research accomplishments and/or publications in the primary research literature.
- Demonstrated strong social science qualitative and quantitative research skills.
- Demonstrated knowledge and experience in community outreach and engagement with local community members and groups, particularly with marginalized or underrepresented populations.
- Demonstrated experience with IRB compliance.
- Demonstrated excellence in (English) written and verbal communication skills.

Preferred Qualifications

- Oral and written proficiency in Spanish.
- Demonstrated knowledge of and application of key theoretical frameworks including disaster risk reduction, community resilience, social & environmental justice, distributional and procedural equity, traditional & local ecological knowledge, sense of place, and/or community capital.
- Demonstrated success in working both independently and constructively in multi-institution and/or interdisciplinary research team(s).
- Experience utilizing geospatial tools such as ArcPro, StoryMaps, ArcGIS Online, QGIS, and/or Google Earth.
- Familiarity with Cascadia coastal communities, including chronic and acute hazards, and current hazard mitigation plans and policies.
- A demonstrable commitment to promoting and enhancing diversity and inclusion. This might include engagement with personal and professional development or be woven into the practice of any traditional professional duties (e.g., research, mentoring, education, scholarship, service).
- Preference will be given to candidates with a strong publication record, a demonstrable commitment to seeking external funding, and research interests that aligned with the research team.

Work Conditions: The Postdoctoral Scholar will primarily work in an office setting in Corvallis, Oregon with travel to Oregon Coastal Communities and occasional travel to coastal communities in Washington and Northern California.
Timeline and Application: While applications will be considered until the position is filled, we will start reviewing applications as of November, 1, 2021. A complete application will be a single PDF document containing:

- Letter of interest describing how your qualifications and experience have prepared you for this postdoctoral position (1 – 2 pages).
- Research statement that highlights your research accomplishments and describes your next steps (1 – 2 pages).
- Curriculum Vitae (no length restriction).
- Names and contact information of three references (1 page).

Please send direct inquiries to Jenna Tilt: tltjt@oregonstate.edu To apply for this opportunity, submit a complete application via e-mail to Jenna Tilt.

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

Centrally located in the Willamette Valley, the OSU campus in Corvallis is in close proximity to the Pacific Coast and Cascade range and offers excellent opportunity for work-life balance. We foster a diverse, inclusive, and equitable environment with many opportunities for postdocs and students to engage with a rich campus life.