

Pacific Northwest Coastal Hazards Resources Newsletter June 2024

Your monthly newsletter about upcoming events (e.g., webinars, meetings and conferences), publications, online resources, grant opportunities, and more.



Good morning everyone,

Please find our monthly newsletter which is the result of joint efforts between Oregon Sea Grant's Oregon Coastal Hazards (OCHR) Library & Mapper, the Cascadia Coastlines & People Hazards Research Hub (Cascadia CoPes Hub), and the Washington Coastal Hazards Resilience Network (CHRN).

The newsletter issues will be archived in the [OCHR Mapper](#), the [Cascadia CoPes Hub](#), and the [CHRN](#) websites.

If you have anything to add to the next newsletter please share with [Felicia](#) by **June 24, 2024**. If you want to receive the newsletter, please subscribe to the OCHR Mapper listserv [here](#) or to the CHRN listserv [here](#). If you have an event that is happening from now until the next issue, please send your message directly to the [OCHR Mapper listserv](#), the [CHRN listserv](#), or to [Felicia](#).

Other comments and suggestions are appreciated, as well.

Sincerely,

[Felicia Olmeta Schult](#), Extension Coastal Hazards Specialist, Oregon Sea Grant
[Ali Burgos](#), Project Manager, Cascadia CoPes Hub
[Chandler Countryman](#), Resilience and Adaptation Specialist, WA Sea Grant
[Noah Linck](#), WA Sea Grant Hershman Fellow, WA State Department of Ecology

Announcements

Oregon Department of Land Conservation and Development and Confederated Tribes of Siletz Indians Announce \$4.85 Million for Oregon Coastal Resilience Conservation Project. This project aims to protect a 42-acre property on the central coast of Oregon, safeguarding its unique ecological and cultural significance. With its nearshore and marine protected habitats, freshwater streams, diverse shoreline shrub and forest habitat, and unique Sitka spruce wetlands, this property will be the centerpiece of a regional tribal effort focused on invigorating cultural traditions. The property is located within a region that was historically (pre-contact) heavily settled by the Alsea band of CTSI. The Alsea people were seal and sea lion hunters who fished the nearshore habitats. While the Siletz people have been stewarding Oregon's central coast since time immemorial, CTSI experienced a loss of over 100 miles of coastal shoreline ownership nested within 1.1 million acres of original reservation land. With this funding, CTSI will regain ownership of this 42-acre property and conserve the land as an anchor for cultural resilience and regional collaboration in nearshore, forest, and wetland conservation and education. The Siletz people will provide opportunities for education and outreach about the richness of the Oregon coast, the central role of the tribes in its stewardship, and the value of conserving lands and waters. The partnership between DLCD, CTSI, McKenzie River Trust, and Lincoln County is a critical step towards preserving this invaluable coastal environment.

National Association of Flood and Stormwater Management Agencies (NAFSMA): Communications and Innovative Water Projects Nominations Open. NAFSMA recognizes projects each year that raise public awareness for flooding and water quality. It also highlights clever water projects that achieve multiple benefits. This could include water conservation, recreation, and environmental justice. The goal of this work is to advance innovation and teamwork in water infrastructure projects. **The nomination application deadline is July 31, 2024.** [Learn more here.](#)

Upcoming Webinars, Meetings & Events

June 3, 2024 - 5:30 - 7:00 pm PT. Understanding, Conserving, and Restoring Tidal Wetlands in the Alsea Estuary, Oregon. In-person event. A public talk hosted by MidCoast Watershed's Council for Waldport landowners to learn about restoration opportunities. [Register here.](#)

June 6, 2024- 9:00 am PT - Cascadia CoPes Hub / RCN Monthly Seminar Series. Rising Voices, Changing Coasts Large Scale CoPes Hub. Register [Here](#).

June 6, 12:00 - 1:00 PM2024 - Flood Risk: The Need for Acquisitions and Buyouts (Acquisition Webinar 1). This Lunch & Learn explores the need for acquisitions and buyouts in part from the perspective of Washington State EMD's newly created Disaster Resilience Program. Exploration includes national and state perspectives of flood risk and how local communities are taking action to reduce post-disaster losses, with a focus on costs, time, and impacts. Register [here](#).

June 8, 2024 - 8:00 - 10:00 am PT. Intertidal Exploration at Bob Creek. Explore the Cape Perpetua Marine Reserve's rocky intertidal zone with Tidepool Ambassador Jamie Kish! Participants will learn all about marine locals from crabs to anemones and everything in between! Sign Up [here](#)

June 10, 2:30 - 4:00 pm PT Crafting and Funding a Local Acquisition/Buyout Strategy (Acquisition Webinar 2). In partnership with FEMA Region X, come learn and share strategies for crafting a property acquisitions and buyout strategy, either in advance of or in response to a damaging flood event. Topics will include clarifying the purpose of your strategy and establishing priority areas and parcels, equity considerations, and beginning to understand considerations about funding. Register [here](#)

June 11 or July 9, 2024- 10:00 am PT - Comunidades Preparadas para Desastres. Calling organizations that serve the Spanish-speaking community! Curious how you can help your organization and your community prepare for disasters? Do you know how you can help your community if a disaster occurs? Or what help might be available and how issues like immigration status could impact access to assistance? Join the Oregon Department of Emergency Management, Oregon Commission on Hispanic Affairs, Adelante Mujeres and FEMA Region 10 for a two-part webinar series on how to help your community before, during and after disasters. Webinar will be primarily in Spanish with English translation. Register here: [June 11th, 10am PT](#) and [July 9th, 10am PT](#).

June 13, 1:00 - 2:30 PM: Implementing a local acquisition/buyout Approach (Acquisition Webinar 3) In partnership with FEMA Region X, learn specifics about the acquisition process, expertise needed for success and hear a panel of local experts reflect on lessons learned and approaches to implementing successful programs. Specific topics will include landowner engagement and generating interest, outreach letters, creating and sustaining willing buyer lists, demolition, and more. Register [here](#)

June 15, 2024 - 1:00 - 3:30 pm PT. River Geomorphology Tour at the Willamette Confluence. Learn about the power and nature of rivers with Fluvial Geomorphologist Pat McDowell! This 2-mile walking tour will cover a range of river topics on this dynamic floodplain property. The walk will occur on mostly level gravel and mowed paths. Sign Up [here](#)

June 20, 2024 - 11:00 am PT. FEMA Region 10 Third Thursday Tips Series: Prepare in a Year. Topic: 2 Weeks Ready. [Register here.](#)

June 20, 2024 - 1:00 pm PT. Can LEO Satellites Enhance the Resilience of Internet to Multi-Hazard Risks? Dr. Ram Durairajan. Cascadia Lifelines Program (CLiP) Webinar Series. [Learn more and register here.](#)

June 20, 2024 - 6:00 pm PT. Land Use Planning for Coast-lovers. This event is co-sponsored by the Surfrider Foundation-Oregon Chapter and Oregon Shores Conservation Coalition. Learn the ropes of Oregon's land use planning system, and how to use it to protect the coast and its resources. Our guide will be Eric Wriston, an attorney with the Crag Law Center, our partner in the Coastal Law Project. [Learn more and register here.](#)

Recorded Webinar. Invasive dune grasses, coastal services, and habitat restoration in a changing climate. Northwest RISCC Webinars. [Access here.](#)

Recorded Webinar. CLIP: Bringing the Oregon Resilience Plan to Life. Dr. Shane Brown. [Access here.](#)

Recorded Webinars. 2024 Partnership Forum "Stories of Resilience: Voices That Inspire". Throughout the forum, there were sessions about climate equity, resilient agriculture, extreme heat, tribal migration, and the power of storytelling. [Access here.](#)

Recorded Webinar. Nature-Based CLimate Change Adaptation Tools for Coastal Communities. Climate Risk Institute. [Access here.](#)

Workshops & Training

NEW - June 17, 2024 - 9:00 am - 12:00 pm PT. Forum on the Use of the National Water Model (NWM) for Community Planning. [Learn more and register here.](#)

NEW - June 27, 2024. PARTNERSHIPS & APPLICATIONS WORKSHOP - Cascadia Region Earthquake Science Center (CRESCENT). This workshop is designed to bring together representatives from communities concerned with Cascadia earthquake hazards resilience and research, including local, state and federal agencies, tribal organizations, emergency managers, utilities, industry, non-profits, and educational institutions. Register and learn more [here.](#)

July 14 - 17, 2024. 49th Annual Natural Hazards Research and Applications Workshop. Broomfield, CO. This year's theme is The Stories We Tell: Creative Strategies for Understanding and Communicating Disaster Risk. Learn more and register [here](#).

NEW - August 25-30, 2024. 2024 Tribal Climate Camp. Corbett, Oregon. Applications due June 1, 2024. Amelia Marchand gave an update about the 2024 Tribal Climate Camp, which will take place at the Menucha Retreat in Corbett, Oregon. The overall goal of TCC is to build the capacity of tribal leader teams to address climate change and associated economic, social, cultural, regulatory, and technological trends and impacts within their tribes, between tribes and between tribes and other governments, through strategic alliances with partners across Indian Country and globally. For more information and to apply, visit [here](#)

NEW - Community-Based Disaster Preparedness and Resilience. Online course offered by University of South Florida. This course is designed to empower participants to promote and apply best practices before, during and after disasters. Through a combination of theoretical knowledge and practical skills training, participants learn how to effectively coordinate community-based responses, mitigate risks, and facilitate recovery efforts. Learn more and register [here](#).

NEW - Creating Co-Benefits Through Hazard Mitigation Planning and Water Resource Management. The Environmental Protection Agency's (EPA's) Nonpoint Source program and Watershed Academy announced the release of this web-based training. The training helps water quality and hazard mitigation professionals work water quality issues, water resource management, and nature-based practices into state or local Hazard Mitigation Plans (HMPs). [Access here](#).

NEW - California Governor's Office of Emergency Services: California Helping Community-Based Organizations and Tribes Access Public Grants and Philanthropic Funding. Philanthropy California and the California Governor's Office of Emergency Services have partnered to build resilience in the state. They will provide virtual and in-person grant writing training, events, and one-on-one technical assistance. This work will support nonprofits, community-based organizations, and tribal organizations that work in climate and disaster resilience. [Learn more here](#).

Upcoming Conferences

June 4-6, 2024. Capitol Hill Ocean Week. CHOW, convened by the National Marine Sanctuary Foundation, is a multi-day conference that convenes policymakers, scientists, managers, business leaders, conservationists, educators, students, and members of the public to engage in dialogue and debate on significant issues that impact our ocean and Great Lakes and to

propose innovative policies and partnerships to address these issues. CHOW 2024 is open to the public and free to attendees. Learn more and register [here](#).

June 6, 2024 - 6:30 - 9:30 am PT. Climate Adaptation Forum: Building Social Capital for Climate Resilient Communities. [Register here](#) (note: there is a fee to register).

June 23-27, 2024. Association of State Floodplain Managers (ASFPM) Annual National Conference. Salt Lake City, Utah. **Conference registration is now open!** [Learn more here](#).

Institute for Risk and Disaster Reduction (IRDR), University College London, UK invites you to save the dates for London:

(a) 25 June, Institute for Risk and Disaster Reduction ([IRDR](#)) Annual Conference.

(b) 26-27 June, UK Alliance for Disaster Research ([UKADR](#)) Annual Conference.

NEW - July 24, 2024 - 10 am PT. RNPN Partner Connect: Call for Proposals. Partner Connect, which launched last year, provides a platform for RNPN partners to highlight resilience projects and challenges. The event strives to create partnership opportunities to expand capacity and facilitate solution-oriented exchanges amongst partners. The RNPN is currently seeking partners to share their challenges to receive assistance from fellow RNPN partners regarding their ongoing work. If your non-profit organization or state/local government is seeking guidance and would like to get feedback and support from the partnership network, we invite you to submit a proposal. If you would like to participate and present your specific needs during this session, please email FEMA-ResilientNation@fema.dhs.gov by **12 pm PT on Friday, June 7** and include the following information in your proposal:

- Organization name
- Brief summary of the project(s) you would like to present
- Challenges faced and/or areas of collaboration

July 26-August 1, 2024 - National Tsunami Hazard Mitigation Program 2024 Summer Meeting (Pago Pago, American Samoa). Learn more [here](#).

August 11-16, 2024. Changing Currents: Tribal Water Summit. North Bend, Oregon.

Changing Current Water summits are inter-tribal convenings designed to bring together staff and leadership from Northwest Tribes and Native communities to foster dialogue & collaboration around common water interests and work toward a shared agenda. Learn more [here](#).

September 9-12, 2024. National Tribal & Indigenous Climate Conference. Anchorage, Alaska. [Learn more here](#).

NEW - September 10-14, 2024. Association of Environmental & Engineering Geologists. 67th Annual Meeting. Philadelphia, PA. [Learn more here](#).

NEW - September 22-25, 2024. Geological Society of America Annual Meeting (Anaheim, CA). [Learn more here](#).

October 6-10, 2024 - Restore America's Estuaries (RAE) Coastal & Estuarine Summit. Washington, D.C. Region. For more information, visit the [2024 RAE Coastal & Estuarine Summit webpage](#).

October 9-10, 2024. Pre-Conference: October 7-8. Engagement Scholarship Consortium International Conference. Pathways To Prosperity: Building Sustainable Futures Through Community Engagement. Hosted by Oregon State University and the member institutions of the ESC Western Region. [Learn more here](#).

Funding Opportunities

Tribal Climate Resilience Program Grants in Washington. Deadline to Apply: June 7, 2024. The Washington State Department of Commerce has consulted with tribes within Washington state to co-design a strategy for the distribution of \$50 million of Climate Commitment Act (CCA) dollars that the Washington Legislature appropriated for tribal climate resilience in the 2023-2025 biennium. Read more [here](#)

On May 1, FEMA will post funding opportunities for two National Earthquake Hazards Reduction Program grants for over \$3 million. FEMA's two National Earthquake Hazard Reduction (NEHRP) grant programs provide funding to reduce the risks to life and property from future earthquakes in the United States through the establishment of an effective earthquake hazards reduction program. For this cycle, more than \$2 million is available for the Individual State Earthquake Assistance (ISEA) grant program and more than \$1 million is available for the Multi-State and National Earthquake Assistance (MSNEA) grant program. Eligible applicants must apply for funding using [FEMA Grants Outcomes](#), the agency's grants management system. **Due 5 p.m. ET on June 14, 2024.** Learn more [here](#)

Webinar Schedule and Office Hours

- May 1, 2024 2:30 p.m. ET | Individual State Earthquake Assistance (Invite Only)
- May 2, 2024 2:30: p.m. ET | Multi-state and National Earthquake Assistance ([Register Here](#))
- May 14, 2024 2:30p.m. ET | FEMA will hold an office hours webinar for interested applicants for either program. FEMA will answer questions about both funding opportunities. Interested applicants may [register for the webinar here](#).

Interested applicants should visit [Earthquake Risk | FEMA.gov](#) or contact their [earthquake program manager](#) for more information

Grid Resilience Formula Grants. Applications Extended to June 17, 2024. Department of Energy (DOE) issued an amendment to the Administrative and Legal Requirements Document (ALRD) for the Grid Resilience State and Tribal Formula Grants Program, extending the deadline for States, Indian Tribes, and Territories to apply for grants and request allocations. Applications will be processed on a rolling basis as they are received, and grants may be awarded prior to the June 17, 2024 deadline. For more information, visit [here](#)

ESIP Lab Request for Proposals. Deadline: June 17, 2024. Earth Science Information Partners (ESIP) Lab has recently announced a new request for proposals. The 2024 ESIP Lab RFP aims at supporting data management, data analysis or visualization, or data-informed storytelling related to climate resilience. Over the past seven years, ESIP has granted over \$300k in small grant funding, resulting in over \$2.5 million in follow-on funding, numerous collaborations, open-source software and data products, and peer-reviewed publications. Check out a list of previously funded projects. The maximum budget for this RFP is \$20k over ten months. Read more [here](#)

Applications are now open for Mobi-mat program deployment! Applications period: rolling basis while funds are available, or until June 30, 2024. To open accessibility at more Oregon Coast locations, the Oregon Coast Visitors Association (OCVA) has designated its annual Strategic Investment Fund to support Mobi-mat program implementations. Organizations who are interested in purchasing a mat can explore their comprehensive [Mobi Mat Toolkit](#), which outlines the essential steps for acquiring, sustaining, and integrating a Mobi Mat within your community. Once you have ensured the necessary components of the program are in order, [complete the application here](#). For questions relating to the toolkit or application, email industry@thepeoplescoast.com.

Oregon Sea Grant Coastal Arts Support Pilot Program ([PDF](#)). Application period: rolling basis from July 2023 through June 2024. This opportunity aims to advance a broader understanding and engagement with Oregon's coastal and marine ecosystems by supporting innovative art projects that align with the [Oregon Sea Grant Strategic Plan and our vision, mission, and values](#). You can find more information on the [OSG Special Requests webpage](#). Click [here](#) to access the Coastal Arts Support Pilot Program Request for Applications.

USDA Forest Service Inflation Reduction Act Forest Landowner Support: Tribal Access to Emerging Private Markets for Climate Mitigation and Forest Resilience. Deadline to Apply: August 21, 2024. This forecasted funding opportunity will solicit proposals for IRA provision Subtitle D, Sec. 23002 (a)(2) and (a)(3) which provide the USDA Forest Service with funding to support the participation of underserved and small-acreage forest landowners in emerging private markets for climate mitigation or forest resilience. Learn more [here](#).

EPA Announces NOFO for Environmental and Climate Justice Community Change Grant Programs. Deadline: November 21, 2024. EPA is accepting applications on a rolling basis for \$2 billion in Inflation Reduction Act funding available to support community-driven projects that build capacity for communities to tackle environmental and climate justice challenges, strengthen their climate resilience, and advance clean energy. Awards vary depending on application track. Technical assistance available. Learn more [here](#).

Swift Current, a subprogram of FEMA's Flood Mitigation Assistance program. Deadline: January 15, 2025. This program aims to speed up the award of FMA funding to reduce the damage-repair cycle of repetitively flooded or substantially damaged properties. Another \$300 million is available in this, the second round of Swift Current funding. Examples of eligible

projects include property acquisition and demolition, elevation, and relocation. For this round, FEMA expanded criteria so more places could benefit. Learn more [here](#).

Highlighted Media, Publications, and Online Resources

[Hazards Around the Nation:](#)

Relentless severe weather, flash flooding target Texas through at least Saturday. May 30, 2024. FoxWeather. [Read more here](#)

Severe storms to target Plains states through the weekend. May 29, 2024. AccuWeather. [Read more here](#)

After severe weather across the South, East Coast braces for potential flooding, tornadoes. May 27, 2024. NPR. [Read more here.](#)

The NFIP's 2024 Riverine Flooding campaign launched this spring. Its goal is to raise awareness of the unique risks faced by property owners and renters who live and work near rivers. It focuses on counties that lie along major waterways in Regions 1 through 8. This includes the Mississippi, Hudson, Rio Grande, Susquehanna, Ohio, and Red Rivers. Market segmentation and [National Risk Index](#) data were used to choose counties. [Access here.](#)

Millions of acres of Florida wetlands could lose federal protection — here's what's at stake Almost a quarter of the state may be at greater risk of pollution or development, an Environmental Defense Fund analysis found. By Rachel Rhode and Adam Gold. April 2, 2024. [Read more here.](#)

[Climate Change & Coastal Hazard Science & Resilience:](#)

Interim Climate Resilience Planning Guidance for Shoreline Master Programs: A Companion to the Comprehensive Plan Climate Element Planning Guidance. Washington Department of Ecology. The intended audience is local governments and consultants working on climate resilience sub-elements for comprehensive plans, though other audiences may also find it useful. [Read more here.](#)

FEMA Streamlines Benefit-Cost Analysis in Hazard Mitigation Grant Programs. FEMA has reduced the discount rate from 7% to 3.1% to make it easier for states, Tribal Nations, territories, and local governments to demonstrate cost-effectiveness of hazard mitigation projects when completing a Benefit Cost Analysis. It will also no longer require a full BCA for projects with a total cost of less than \$1 million. Read more [here](#)

Quinalt tribal village on Washington coast will relocate due to flooding. May 20, 2024. Oregon Public Broadcasting. Read more [here](#)

Squaxin tribe gets federal grant to remove 5th Avenue Dam. Nisqually project funded too. The Olympian. May 24, 2024. Read more [here](#).

Braiding Indigenous Knowledge and Western Science for Climate-Adapted Forests. March 2024. Read more [here](#)

Tribal Resilience Action Database. The Tribal Resilience Action Database is here to empower Tribal communities across North America to continue to build resilience. Created by a diverse coalition of Tribal communities, project partners, and advisors, this platform provides access to more than 5,000 climate adaptation actions and community examples tailored to Indigenous values and worldviews. Read more [here](#)

USACE Issues Memo on Nature-Based Solutions. The memo provides additional guidance and direction to the U.S. Army Corps of Engineers on incorporating nature-based solutions – a critical tool to confront climate change while promoting community resilience – in the civil works program. Read more [here](#)

Climate Adaptation Planning Guide. On April 23, FEMA released the final “[Climate Adaptation Planning: Guidance for Emergency Managers.](#)”

Working With Fire To counteract climate change and decades of wrongheaded federal policy, Native nations must become active participants in the stewardship of America’s forests, according to a new report. By Melanie Lenart. Native Science Report. [Read more here](#).

Prescribed Fire Training Continues in Central Oregon. MyCentraOregon.com. [Read more here](#).

Oregon State research team pursuing “burn to learn”. By Kelly Andersson. Wildfire Today. May 11, 2024. [Read more here](#).

A new approach to fighting wildfires combines local knowledge and AI Potential operational delineations, or PODs, are helping U.S. land managers. By Nikk Ogasa. Science News. April 30, 2024. [Read more here](#).

Not too wet to burn, Hakai Magazine/Environmental and Forest Sciences. [Read more here](#).

Economic risks: Forest Service estimates costs of fighting wildfires in a hotter future. May 14, 2024. US Forest Service. [Read more here](#).

Tribal leaders host summit to share climate change stories, solutions, The Seattle Times/Climate Impacts Group and Northwest Climate Adaptation Science Center. [Read more here](#).

Restoration activities return to the Siuslaw River at Waite Ranch, Oregon. Partners from the Confederated Tribes of Coos, Lower Umpqua and Siuslaw Indians, the Siuslaw Watershed Council, and McKenzie River Trust are kicking off a second season of restoration at Waite Ranch on the Siuslaw River. Started in the summer of 2023, the tidal restoration project aims to return around 200 acres of estuarine wetlands to the Siuslaw River system. [Watch the video here](#)

From The Dunes Of Arrakis To The Oregon Coast. "Dune" morphology is more than just a sci-fi genre. By Damian Fagan. Source Weekly. May 1, 2024. [Read more here.](#)

Parametrix: Oregon Department of Energy Cooling Needs Study. The Oregon Cooling Needs Study arose after the 2021 heatwave. It aims to learn the cooling needs of Oregonians and focuses on vulnerable housing types. This study is part of broader efforts to address heat-related risks due to climate change. [Learn more here.](#)

Community-Driven Relocation Recommendations for the U.S. Gulf Coast Region and Beyond (2024). National Academies. [Learn more and download a free PDF here.](#)

Terrazia: The Resilient Design Collaborative (RDC). The Resilient Design Collaborative's (RDC) mission is to work with the building design and construction community to promote and create sustainably resilient projects that resist, absorb, recover from, or successfully adapt to manmade and natural hazards. Participants in the collaborative developed a phased action plan to demonstrate how to educate project stakeholders, evaluate project risks, and prioritize resilient design performance goals. To learn more about the RDC, please contact [Steve Sunderman](#).

National Oceanic and Atmospheric Administration: Sediment Management Guide Supports Coastal Resilience by Identifying Path to Efficient Permitting. The new Efficient Permitting Roadmap for Coastal Sediment Management on the north-central California coast helps readers work through permit reviews. This includes everything from tidal marsh, beach, and dune restoration to the beneficial use of sediment. [Read more here.](#)

Center for Climate and Energy Solutions (C2ES): Unlocking Community Resilience: Innovative Strategies to Access Climate Adaptation Funding. This recent publication uses case studies to illustrate examples to be applied across many resilience needs. Community efforts to adapt to the physical impacts of climate change are lagging despite the high amounts of financing available for resilience in the United States. Local and state governments and organizations are looking for ways to address key challenges and help communities access resilience funding. [Read more here.](#)

[Earthquake & Tsunami Science & Disaster Resilience:](#)

How prepared are you to handle emergency situations? Take the HazAdapt quizzes to evaluate your preparedness and strengthen your skills. [Access here.](#)

Revitalized Yachats emergency committee aims to help locals and visitors prepare for and survive disasters. By Garret Jaros. YachatsNews. May 23, 2024. [Read more here.](#)

CREW: A New Podcast Features Geologic Hazard Portals. The Cascadia Earthquake Region Workgroup (CREW) released a Ready to Recover podcast. In it, geologists talk about state geologic portals. These are interactive tools. Anyone can use them to learn about the earthquake hazard where they live. [Access here.](#)

Updated Washington Tsunami Design Zone for the New Washington State Building Code.

To determine if a location could be inundated by a tsunami—and therefore must adhere to higher engineering standards—engineers use a product from the Washington Geological Survey called the Washington Tsunami Design Zone (WA-TDZ). The WA-TDZ delineates inundation areas and compiles the best available tsunami modeling from WGS and from partners for this purpose. [Access WA-TDZ here.](#)

Tsunami Safety Rules Flyer in Braille Now Available in English and Spanish for the Visually Impaired Community in the Caribbean. These tsunami flyers, the first of its kind, were produced by the Caribbean Office of the International Tsunami Information Center. This educational material is available in English and Spanish, and copies can be shipped by request. ITIC-CAR coordinated this activity with Gladymar Aponte from IFB Human Resources and Adam Ramos from IFB Production. For copies of the Tsunami Safety Rules flyer in Braille, please email [Christa Vonh.](#)

3-Sided Cube: AI Adoption in Disaster Risk Reduction (DRR). 3-Sided Cube has released a report to examine potential AI applications and ethical questions. The goal of the report is to get a pulse on actual AI usage in purpose-led organizations and shed light on how AI can be used effectively in the face of disasters. [Read more here.](#)

National Center for Disaster Preparedness: New Web-Based Trainings. Web-based trainings are currently available for mass care and relocation, pandemic planning, post-disaster housing, and economic disaster recovery. You can complete these free, web-based trainings on your own time. [Learn more here.](#)

FEMA: Climate Adaptation Planning for Emergency Managers. FEMA released the “[Climate Adaptation Planning: Guidance for Emergency Managers.](#)” The goal of the guide is to walk state, local, tribal, and territorial partners through the Six Step Planning Process. [Comprehensive Preparedness Guide 101: Developing and Maintaining Emergency Operations Plans](#) describes this process. The climate guide also highlights existing climate mapping tools, trainings, and potential funding resources.

Job, Scholarship, and Fellowship Opportunities

Oregon:

Faculty Research Assistant: OSU Marine and Geology Repository Instrumentation Specialist. Oregon State University. Corvallis, OR. This position facilitates the mission of the OSU Marine and Geology Repository (OSU-MGR) by managing day-to-day activities related to collecting, processing, and archiving data from geological samples in the OSU-MGR collections for scientific research. Read more [here](#)

Washington:

Coastal Engineer. The Department of Ecology is looking to fill a Coastal Engineer (Environmental Engineer 3) (In-Training) position. This position may be located in any of the following offices: Headquarters Office in Lacey, WA, or our Northwest Region Office (NWRO) in Shoreline, WA. [Apply here.](#)

Wetlands Policy Lead. In this position, you will work statewide with all management levels at Department of Ecology and with diverse agencies, interested parties and elected officials to develop state wetland policies that reflect the state's commitment to protect and restore wetlands. [Apply here.](#)

Ecologist I. EarthCorps. Seattle, Washington. This position will work closely with EarthCorps' Sr. Ecologist to carry out professional services for EarthCorps' Clients related to survey and inventory projects, data evaluation, and monitoring habitats on public and private lands throughout the Puget Sound region, compiling habitat restoration plans and monitoring reports. Learn more [here](#)

Service-Learning & Outreach Coordinator. Native Plant Salvage Foundation. Olympia, WA. Native Plant Salvage Foundation (NPSF) is recruiting an enthusiastic and diligent AmeriCorps Member to support our hands-on environmental educational activities for people of all ages. This position will serve NPSF through Washington Service Corps for a 10.5-month commitment beginning in September 2024. Learn more [here](#)

Progress Indicator Lead. Puget Sound Partnership. Olympia, WA. This full-time and unrepresented position is exempt from civil service. The Progress Indicator Lead is a member of the Adaptive Systems Team, within the Ecosystem Recovery Program and External Programs Division. Learn more [here](#)

Laboratory Technician. Tidal Vision. Bellingham, WA. The Laboratory Technician will be responsible for routine and non-routine sample preparation for analysis on various instrumentation to support R&D and QA/QC projects at Tidal Vision. Learn more [here](#)

Research Scientist. Northwest Climate Adaptation Science Center. Seattle, WA. The Northwest Climate Adaptation Science Center is hiring a full-time research scientist to coordinate the Northwest Regional Invasive Species and Climate Change (NW RISCC) Network

and to lead the planning and implementation of their Actionable Science Deep Dives. Learn more [here](#).

Tribal Community Outreach Specialist. Washington State University Energy Program.

This internship will be working for the Tribal Green Transportation Project aimed at reducing greenhouse gas emissions by assisting tribal communities and fleets transition to electric vehicles and install EV charging stations. The project supports tribes in WA, OR, ID, and MT. Ask questions or send your application (resume, cover letter and transcript) to greentransportation@energy.wsu.edu.

Pacific Northwest/ Other:

Senior Representative, Northwest Program. WA, OR, Remote. This professional-level position is responsible for implementing assigned Defenders' strategic plan conservation goals and objectives in the Northwest, with a deep focus on positively influencing wildlife and human interactions, from conflict to coexistence, and fostering transformation in human attitudes and willingness to share the landscape with imperiled wildlife. Learn more [here](#)

Media & Communications Support Specialist. Ocean Associates Inc., Juneau, AK. Ocean Associates Inc. (OAI) is seeking an applicant to provide media and communications support to the Alaska Regional Office of the National Oceanic and Atmospheric Administration (NOAA) Fisheries in Juneau, AK. Learn more [here](#)

Quick Links

[Oregon Coastal Hazards Ready \(OCHR\) Library & Mapper](#)

[Oregon Coastal Futures Project](#)

[Oregon Coastal Atlas](#)

[Oregon Coastal & Ocean Information Network](#)

[Washington Coastal Hazards Resilience Network](#)

[Washington Coastal Hazards Risk Reduction Project Mapper](#)

[The Cascadia Coastlines and Peoples Hazards Research Hub \(Cascadia CoPes Hub\)](#)

[PNW Tribal Climate Change Network](#)



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