

Pacific Northwest Coastal Hazards

Resources Newsletter - Dec 2024

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



Hello 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 **December 30, 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](#), Coastal Planner, WA Department of Ecology

Announcements

[Noah Linck](#) has finished his position as a Hershman Fellow and is starting a new position as a Coastal Planner with the Washington State Department of Ecology. He will be collaborating with local, state, and federal agencies, Tribes, and coastal stakeholders to address sea level rise and other coastal hazards. He is excited to continue working with this incredible team to make the PNW Coastal Hazards Newsletter.

Registration is open for the Navigating Coastal Hazards Workshop! The workshop will be held in Astoria, Oregon on February 10-11, 2025. What are your community's values, needs, and visions of coastal resilience? Join Pacific Northwest coastal leaders, Tribal partners, planners, emergency managers, consultants and researchers for this second workshop. Hosted by the Cascadia CoPes Hub and partners, participants from Washington, Oregon, California, and British Columbia will continue to build on connecting the dots between current coastal needs and new research activities through roundtable discussions, posters, and panels. Due to space limitations, attendance will be capped. Learn more and register [here](#). Filling out this form does not guarantee registration. We will contact those whose registration has been accepted to confirm their participation. **Registration is due on Friday, December 27th, 2024.** Invitations to participate will go out no later than January 8, 2025 where confirmation of attendance will be required by January 13, 2025.

The second series of king tides, the highest high tides of the year, is coming up December 13-15, 2024. Residents and visitors to Washington and Oregon's coast are invited to capture these high water events in photos. Anyone with a camera can help document the extent of these extreme high tides and help us catch a glimpse of what sea level rise will look like in our region. **Everyone is welcome to participate**, just pick a place, snap a photo at the highest point of that day's tide cycle, and share it online. **The third series of winter king tides this season is January 11-13, 2025.** In **Washington**, photos of King Tides can be uploaded to the [MyCoast App](#). In **Oregon**, upload your King Tides photos on the [OR King Tides Project website](#). **Take precautions to ensure safety when visiting the shore during a King Tide!**

More Than Half a Million Oregonians Participated in the 2024 ShakeOut. On October 17, 2024, **531,983 Oregonians** took part in the Great Oregon ShakeOut, a statewide earthquake drill aimed at promoting earthquake preparedness. At exactly 10:17 a.m., participants across the state "dropped, covered, and held on" for 60 seconds, simulating the response to an earthquake. The drill saw participation from

schools, businesses, and families. The goal is to ensure that everyone knows how to protect themselves during an earthquake, especially given the potential for a magnitude 9.0+ earthquake and tsunami from the Cascadia Subduction Zone.

The Oregon Department of Emergency Management (OEM) invites all Oregonians to participate in shaping the future of emergency management across the state. On February 11, 2024, from 10:00 a.m. to 11:30 a.m., OEM is hosting its second virtual annual town hall where community members and partners from all backgrounds can provide input and feedback on the agency's [2023–2025 Strategic Plan](#) and the [OEM Inclusion, Diversity, Equity and Accessibility \(IDEA\) plan](#). Feedback from this town hall will help guide OEM's efforts to improve emergency preparedness, response and recovery in ways that serve every community across the state—before, during and after a disaster. The town hall is open to everyone, and no prior emergency management experience is required. Closed captioning will be available, and a video and audio transcript of the event will be accessible upon request after the event. Meeting will be virtual; a link will be sent as the event nears. For more information or questions, please contact [Bobbi McAllister](#).

CoastWatch Programs Pages are Now in Spanish! CoastWatch engages people in documenting Oregon's sandy beaches and rocky shores for natural and human-caused changes, wildlife, and phenomena. Volunteers are linked to a section of the Oregon coast to observe seasonally. The program offers education about shoreline ecology and natural history and opportunities to contribute data to community science. Click here to read all about CoastWatch in español! [Has click acá para leer todo sobre CoastWatch en español!](#)

Introducing the SZ4D Scientist Matchmaking Survey! The SZ4D Scientist Matchmaking Survey aims to foster scientific collaboration among researchers worldwide engaged in subduction zone science. The goal of this survey is to create an inventory of researchers interested in mutually beneficial partnerships that leverage

the expertise of both sides, advancing knowledge and addressing challenges in subduction zone science. The survey will generate a searchable database to facilitate connections and collaborations centered on SZ4D Activities. Access to the database is limited to participants who complete the survey. [Take the survey here.](#)

NOAA Atlas 15 Extreme Precipitation Pilot Dataset Released for Review.

Feedback will be accepted through December 31, 2024. NOAA's National Weather Service' Office of Water Prediction [released an early look](#) at the data used to produce Atlas 15 Volumes 1 and 2 to get stakeholder feedback before expanding nationwide. Volume 1 uses trends in observations and Volume 2 uses climate model output data to estimate future conditions. NOAA's [Precipitation Frequency Atlas of the United States](#) (Atlas) provides the statistical likelihood of an extreme precipitation event at a particular location in any given year, which [...] assumed a stationary climate. Read more [here](#).

Upcoming Webinars, Meetings & Events

December 3, 2024, 11:00 am - 12:30 pm PT. Tsunamis in the Salish Sea. Speaker: Dr. Carrie Garrison-Laney. In-person event at the [Community Resource Center of Stanwood Camano](#), Washington. Registration required. [Learn more and register here](#).

December 3, 2024, 12:00 pm PT. Moving Towards Preparedness For Extreme Weather Events: Enhancing the preparedness and resilience of communities before disasters strike: the case of Texas, Florida, and Puerto Rico. Hosted by the National Adaptation Forum. Learn more and register [here](#).

December 3, 2024, 2:30 pm PT. Oregon Climate Alliance. Join the Office of Workforce Investments' staff and guest speaker Kif Scheuer, Strategy and Project Lead with Farallon Strategies, as we briefly outline the national American Climate

Corps initiative, highlight some State models throughout the Nation, and share our vision for an Oregon Climate Alliance. Learn more and register [here](#).

December 4, 2024, 10:00 am PT. Resilient Nation Partnership Network Resilience Exchange: Collaborating with Philanthropic Organizations to Advance Resilience. [Learn more and register here](#).

December 4, 2024, 6:00 pm PT. Building Climate Resilience for the Oregon Shore. Speaker: Peter Ruggiero, Oregon State University. Event co-sponsored by the Oregon Beaches Forever campaign (a partnership between Oregon Shores and Surfrider Foundation) and by the King Tides Project (a collaborative effort by our CoastWatch program and the state's Oregon Coastal Management Program). [Register here](#).

December 5, 2024, 9:00 am PT - Climate Change and Alaska's Seismic Resilience. Speaker: Dr. Majid Ghayoomi - University of New Hampshire. Cascadia CoPes Hub and [Cascadia Coastal Hazards RCN](#) seminar series. Register [here](#).

December 5, 2024, 6:30 pm PT - Prescribed Fire on the Oregon Coast: Meadows, Wildlife Habitat Restoration & Management. Pacific Maritime Heritage Center, 333 SE Bay Blvd, Newport, OR. Join the MidCoast Watersheds Council for an informative talk on the role of prescribed fire in habitat restoration and management on the Oregon Coast in-person or via Zoom. [Zoom registration here](#).

December 9, 2024, 6:00 pm PT. Oregon King Tides Project Information Session. The webinar will go over the history of the project in Oregon, how it informs about sea level rise, how to participate and how to navigate the [website](#). The Oregon Coastal Management Program (OCMP), the CoastWatch Program of the Oregon Shores Conservation Coalition, and local partners, including the Oregon Coast Visitors

Association, Oregon Sea Grant and others support this project. Learn more and register [here](#).

December 10, 2024, 10:00 - 11:00 am PT. Rethinking Housing Resilience: Lessons from Post-Disaster Research and a Way Forward. Speaker: Tracy Kijewski-Correa, University of Notre Dame. The Natural Hazards Center, in partnership with the Federal Emergency Management Agency, is pleased to present the Making Mitigation Work Webinar Series. [Learn more and register here](#).

December 10, 2024, 10:00 - 11:00 am PT. NANOOS LiveOcean Webinar. The Northwest Association of Networked Ocean Observing Systems (NANOOS) is hosting a webinar highlighting the UW Coastal Modeling Group's [LiveOcean](#), a computer model simulating ocean water properties. LiveOcean makes 3-day forecasts of currents, temperature, salinity, and biogeochemical fields like oxygen and phytoplankton. Join Dr. Parker MacCready, LiveOcean Project Lead, to learn more about the model, how it can be accessed and utilized, and have the opportunity to provide feedback. Register [here](#).

December 10, 2024, 12:00 - 2:00 pm PT. Nature-Based Solutions as an Adaptation Strategy to Extreme Weather. Hosted by the National Adaptation Forum. Speakers: Merissa Zuzulock, Climate Resilience Integration Branch Chief, Federal Emergency Management; Whitney Boone, Acting Chief Policy Analyst, Office of Policy Analysis, Department of Interior; Douglas Mason, Assistant Director of Nature Based Solutions, White House Office of Science and Technology Policy - Moderator. Learn more and register [here](#).

December 12, 2024, 10:00 -11:00 am PT. Practices for Effective Engagement and Ethical Use of Information in Assessing Climate Adaptation Barriers and Needs Experienced by Northwest Coastal Tribes. Join the Climigration Network, American Society of Adaptation Professionals, and Harvard Law School's Environmental &

Energy Law Program for a conversation with the [Tribal Coastal Resilience Portfolio](#) of the Northwest Climate Resilience Collaborative. This presentation will provide a brief summary of the [recently completed assessment](#) of the state of climate adaptation among Northwest coastal Tribes, but focus primarily on the research team's practices for promoting effective Tribal engagement and ensuring ethical use of Tribal information in completing the assessment and its ongoing work. Register [here](#).

December 12, 2024 - 1:00 pm PT. Resilience at Tualatin Valley Water District, Oregon. Speaker: [Mike Britch](#). Hosted by the Cascadia Lifelines Program (CLiP). [Register here](#).

Past Webinars

FEMA Webinar on Incorporating Future Climate Projections into Hazard Mitigation Plans.

FEMA's Analysis and Capacity Division hosted a one-hour webinar on using the Climate Risk and Resilience Portal (ClimRR) to incorporate future conditions data in hazard mitigation plan updates on Oct. 1. You can watch the recorded webinar [here](#). Learn more about ClimRR [here](#).

ARISE-US: Financing Climate Resilient Infrastructure. ARISE-US, the Institutional Investors Group on Climate Change (IIGCC), InnSure and the Coalition on Disaster Resilient Infrastructure (CDRI) partnered to bring a one-off webinar on Oct. 22 on how IIGCC's Physical Climate Risk Assessment Methodology (PCRAM) can help deliver financing and risk transfer for infrastructure projects. [Watch the recording here](#).

RNPN: September Resilience Exchange Overview. In September, the RNPN hosted the virtual September Resilience Exchange event focused on the "Next Generation of Resilience." Young professionals explored how community, history, network and infrastructure resilience, and equity could affect the future of natural hazard resilience. The RNPN will release the recording on the [FEMA YouTube channel](#) soon.

Workshops & Training

NEW - December 6, 9:30 a.m. ET. Climate Adaptation Forum: Making Cents of It All: Financing for Climate Adaptation and Resilience. There is a registration cost. Learn more and register [here](#).

December 10, 2024 - 9:00 am - 3:00 pm PT. Climate Resilient Riparian Restoration Workshop. Edmonds, WA. Join the Puget Sound Conservation Districts, Department of Ecology, Conservation Commission, and Bonneville Environmental Foundation for this workshop focused on restoration practices that encourage a more resilient ecosystem in the face of a changing climate. Hear from restoration and forest ecologists, climate experts, resource planners, and landowners about what is changing, what we need to plan for, and adaptive management approaches. The workshop is free and in-person the Edmonds Plaza Room (650 Main Street, Edmonds, WA 98020). Sign-up for the workshop [here](#).

NEW - December 12, 2024 - 3:00 pm PT. NOAA: Seven Best Practices for Risk Communication. Learn more and register [here](#).

Save the date! January 8-9, 2025. The U.S. Geological Survey will host an in-person meeting focused on subduction zone science at the University of Washington in Seattle. Sessions will highlight new research, data, and scientific questions related to USGS priorities in subduction zones within the U.S. and globally. Topics will include earthquake rupture processes and recurrence, ground motions, volcanic systems, cascading hazards, onshore/offshore structure, and societally relevant hazards science. Additional information on session topics, schedule, and a call for talks and posters will come in Fall 2024. Please stay tuned for future emails regarding registration and meeting details, and share this announcement with colleagues!

NEW - OEM is hosting the next round of Be 2 Weeks Ready Program

Coordinator trainings on January 16 and February 13. This is a free training that will take place on Zoom. You only need to attend one session. This training is intended for anyone who has a training, networking or outreach role and would like to lead Be 2 Weeks Ready in their community. Be 2 Weeks Ready is a community-based program that helps people prepare for emergencies alongside their friends, family, neighbors, and coworkers. We use the term “community” to refer to any group made up of individuals. One person can be a part of many different communities and can help those communities Be 2 Weeks Ready. As a Program Coordinator, you will determine which communities you will bring this program to and identify community hosts who will help you share the program with others. You can learn more about the program [here](#). [January 16 training](#) - [February 13 training](#)

NEW - February 4 - 5, 2025. Resilient America: National Practice Forum on Nature-Based Solutions. The Network for Engineering With Nature (N-EWN) in partnership with the National Academy of Sciences (NAS) Resilient America Roundtable and the University of California Santa Cruz (UCSC) Center for Coastal Climate Resilience is convening a national forum focused on the practice of nature-based solutions. In-person event at the NAS Beckman Center in Irvine, California. Register [here](#).

NEW - February 10-11, 2025. Navigating Coastal Hazards Workshop. Astoria, Oregon. Hosted by the Cascadia CoPes Hub and partners, participants from Washington, Oregon, California, and British Columbia will continue to build on connecting the dots between current coastal needs and new research activities through roundtable discussions, posters, and panels. Learn more and register [here](#). Due to space limitations, attendance will be capped. Filling out this form does not guarantee registration. We will contact those whose registration has been accepted to confirm their participation. **Registration is due on Friday, December 27th, 2024.**

Invitations to participate will go out no later than January 8, 2025 where confirmation of attendance will be required by January 13, 2025. Read the first workshop report [here](#).

NEW - February 19-20, 2025. The 32nd FEMA National Dam Safety Program Technical Seminar (NDSPTS) will be at the Emergency Management Institute in Emmitsburg, Maryland. The new deadline for abstract submission is Dec. 4th! Learn more [here](#) and submit [here](#).

NEW - February 26-27, 2025. National Association of Flood and Stormwater Management Agencies: NAFSMA will bring together flood managers, city and county officials, OES professionals at the State and county level, as well as first responders, and to learn from the lessons of others and gain insight into how to prepare and manage flood evacuations. The second day will focus on success stories of real time forecasting and discussing where public agencies need to go with this technology to reduce risk for our communities..Learn more [here](#).

NEW - Community Education In Action: Understanding Climate Change Through A Just Transition. Get ready for an exciting adventure with Front and Centered, ClimeTime, and our dynamic community partners, including Africans on the Eastside, Asian Pacific Islander Coalition of Yakima, Community Health Worker Coalition for Migrants and Refugees, EarthCorps, Islandwood, Kitsap Black Student Union, Pacific Education Institute, Puget Sound Educational Service District, Urban League of Metropolitan Seattle, and UW Institute for Science+Math Education! Community Education In Action promotes collective action through co-design and co-learning. Unleash your creativity and craft inspiring learning resources to address climate change through the lens of environmental and climate justice! These workshops are intergenerational, with content appropriate for middle school students to grandparents. Materials, prizes, and English-Spanish translation will be available. Food will be

provided during the in-person workshops in Tacoma and Pasco. Multiple dates and locations, learn more [here](#).

NEW - California Governor's Office of Emergency Services: Tribal and Community-Based Organizations Gain Access to Public Grants and Philanthropic Funding. Philanthropy California and the California Governor's Office of Emergency Services have teamed up to build resilience in the state. They will provide virtual and in-person grant writing training. They will also host events and give one-on-one technical assistance. This work will support nonprofits, community-based groups, and Tribal Nations as they work to build resilience. Learn more [here](#).

Upcoming Conferences

January 15-17, 2025. West Coast Ocean Alliance Annual Summit Proposals. WCOA is holding a 2.5 day in-person Annual Summit at Quinault Beach Resort in Ocean Shores, WA. The full RFP is linked [here](#).

January 27-30, 2025. Coastal GeoTools, Wilmington, NC. This conference focuses on geospatial data, tools, technology, and information for coastal resource management professionals. Conference Theme: Enhancing Resilience through Relationships, Information, and Technology. Learn more [here](#).

NEW - February 2-5, 2025. DRI International: Global Resilience Conference. DRI International, the leading non-profit that helps organizations prepare for and recover from disasters, hosts an annual event designed for the business continuity community, by the business continuity community. It addresses the topics business continuity management (BCM) professionals care about most and providing a first-rate educational experience that informs and inspires. Learn more [here](#).

February 4-6, 2025. National Working Waterfront Network. San Diego California.

This conference brings together people from across North America to connect with one another and showcase initiatives that protect and promote working waterfronts.

Working waterfronts include waterfront lands, waterfront infrastructure, and waterways that are used for water-dependent activities, such as ports, marinas, small recreational boat harbors, and fishing docks. Learn more [here](#).

February 6-7, 2025. Society for Risk Analysis Annual Conference. Melbourne, Australia.

The Society for Risk Analysis (SRA) is the world's largest research organization focused on risk. It provides an open forum for interdisciplinary discussions on risk analysis, encompassing risk assessment, characterization, communication, management, and policy. SRA addresses risks at various levels, including individuals, public and private organizations, and society as a whole. It embraces both the negative and positive consequences of risk. With its diverse membership, SRA offers a relevant scientific platform to discuss leading issues in risk analysis, research, and the application of risk theory to support communication, perception, assessment, decision-making, and governance in our societies. [Learn more here.](#)

February 11-13, 2025. North Coast & Cascades Science Days. Science Days, a

free, virtual celebration of science and stewardship in our parks, is returning for a second year! We welcome anyone curious about science in our region's national parks to join us for three days of presentations and conversations. Learn more [here](#).

Save the date! April 16-18, 2025 - Oregon Prepared, Sunriver Oregon. The

Oregon Prepared Conference provides participants with training and information on programs, current issues, lessons learned and best practices related to all phases of emergency management. It also offers several days of networking opportunities.

Learn more [here](#).

March 11-13, 2025. Save the Date: Ocean Visions Biennial Summit 2025.

Vancouver, Canada. This action-oriented event will bring together scientists, policymakers, innovators, funders, students, and others to explore solutions and strengthen partnerships to restore our ocean and stabilize the climate. Learn more [here](#).

March 17 - 20, 2025. The Pacific Risk Management ‘Ohana (PRiMO) Conference.

Theme: Building Coalitions and Local Solutions for Resilience. Hawai‘i Convention Center, Honolulu, Hawai‘i. The Pacific Risk Management ‘Ohana (PRiMO) is a regional platform that recognizes the value of collective action and is committed to enhancing cooperation, coordination, and collaboration to strengthen and sustain resilient island communities. PRiMO brings people and organizations together to channel their efforts more effectively toward our common goals. [Learn more here](#).

Save the date! April 15-17, 2025 - Partners in Emergency Preparedness Conference. Tulalip Resort, Washington. [Learn more and register here](#).

May 15, 2025. 2025 Resilience Summit - Urban Land Institute. The Resilience Summit is ULI’s flagship climate adaptation event; convening industry leaders in real estate and resilience from around the world to address the challenges and harness the opportunities posed by climate risks. Hosted in Denver, CO, the 6th annual Resilience Summit will uplift opportunities for resilience in an increasingly difficult financial and climatic environment. Learn more [here](#).

May 18-22, 2025. Association of State Floodplain Managers (ASFPM) Annual National Conference. New Orleans. “Extraordinary Lessons Below Sea Level: 20 Years of Innovation.” Learn more [here](#).

NEW - June 2-6, 2025. United Nations: Global Platform for Disaster Risk Reduction. Geneva, Switzerland. The UN General Assembly recognizes the Global

Platform as the global multi-stakeholder forum to review progress on the implementation of the Sendai Framework for Disaster Risk Reduction. Learn more [here](#).

Save the date: June 16-18, 2025. MR 2025 Conference - Columbia University & Global Center for Climate Mobility. New York City, NY. MR2025 (MR can be both for ‘Managed Retreat’ or ‘Mobility Resilience’ this year), which will be on the theme of “Mobility Adaptation, and Wellbeing in a Changing Climate”. More information to come soon, check out previous conferences [here](#).

Funding Opportunities

NEW - EPA Launches New Website to Support the Development of Climate-Resilient Projects. The U.S. Environmental Protection Agency is announcing the launch of a new website, the [Climate Resilience and Adaptation Funding Toolbox](#). CRAFT is a user-friendly resource for technical assistance providers working with federal funding applicants and recipients to develop, apply for, and implement climate-resilient investments. Access the website [here](#).

Seeding Justice - Columbia River Restoration Fund is offering non-competitive funding for Tribal Nations of the Columbia River Basin. \$2 million was allocated for Tribes with funding priorities including: upholding Columbia River Basin Tribe’s sovereignty and leadership in watershed restoration, protection and conservation efforts in the Basin; strengthening advocacy, organizing, and coalition building efforts that empower and support all Basin communities to access, protect, and restore the River and its watershed; and expanding culturally-rooted ways of caring for and engaging with the Basin through hands-on programs and experiences. For more information and proposal support, contact Amelia Marchand at amelia.m@thepnwl.org or visit [this website](#).

USDA Rural Development publishes funding opportunities, Notices of Solicitation of Applications (NOSAs) or Notices of Funding Availability in the Federal Register. [Click here](#) to access current and past NOSAs and NOFAs Notices for fiscal year 2024 including the Disaster Water Grants Program. Read the ‘Disaster Resiliency and Recovery Resources: A Guide for Rural Communities’ [here](#).

NEW - 2024-2025 NACCHO Climate and Health Demonstration Sites.

Applications Due: December 5, 2024. The National Association of County and City Health Officials (NACCHO) supports local efforts to track, prevent, and mitigate the health effects of climate change such as local adaptation planning, preparing communities for extreme weather, and all-hazards disaster planning. To this end, NACCHO, with support from the Centers for Disease Control and Prevention, intends to award up to two (2) entities for up to \$16,000 each to support climate change and health adaptation initiatives at the local level. Local government entities or other local organizations (e.g., community-based organizations) working in climate change and health, or a state, tribal, or territorial government entity proposing a local project with a letter of support from the local government entity are eligible to apply. Small and rural health departments will be given preference in this application process. Small and Rural Local Health Departments Encouraged to Apply. To learn more, access the application, and to join NACCHO’s November 5th informational webinar, [click here](#).

NEW - Philanthropy Northwest & the EPA Environmental Justice Thriving Communities Grantmaking Program. Funding will be awarded to organizations for assessment, planning, and project development activities addressing the unequal impacts of environmental justice issues in local communities throughout the Pacific Northwest. There are three types of awards with multiple application rounds: **Type 1 (Assessment)**: up to \$150,000 - **Deadline: February 28, March 31 & April 30**; **Type 2 (Planning)**: up to \$250,000 - **Deadline: February 28 & March 31**; **Type 3**

(Development): up to \$350,000 - **Deadline: December 15 & February 28.** Learn more and apply [here](#) and [here](#).

Oregon Sea Grant Funding. Upcoming Quarterly Deadline: December 31, 2024.

Oregon Sea Grant has opened the eligibility requirements for Program Development Grants. This pilot effort applies for Program Development submissions from September – December 2024 and provides the opportunity to anyone residing in Oregon who can receive a personal services contract from OSU and is / can be set up in the Federal SAM system to be eligible to apply for Oregon Sea Grant (OSG) program development funds up to \$6,700 (direct costs), funds permitting. Awards over \$6,700 (direct costs) will be made only through colleges and universities due to administrative restrictions. Learn more [here](#).

Seismic Rehabilitation Grants Accepting Applications. Business Oregon. The Seismic Rehabilitation Grant Program is accepting **applications until January 10, 2025 at 5:00 pm.** All of the forms needed to apply can be found on the [program web page](#).

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. Learn more [here](#).

NEW - Climate Resilient Riparian Systems Grants. Applications Due: January 15, 2025. The Environmental Protection Agency awarded Ecology funds to develop a grant program and facilitate subawards of these funds toward improving the climate resiliency of riparian systems in Puget Sound. Ecology is working in partnership with riparian restoration and protection experts to start a new Climate Resilient Riparian Systems Lead grant program. The goal of the program is to promote programs that

catalyze sustainable, effective, reach-scale riparian restoration and permanent protection in Puget Sound. The Climate Resilient Riparian Systems Lead program focuses on protecting and restoring riparian areas that have been damaged or are struggling to support the plants, animals, and waters of Puget Sound. The new program will support riparian restoration programs that work with communities and landowners to improve the overall function of river and stream riparian systems. Learn more [here](#).

NEW - 2024-25 CRESCENT Seed Grant Program and request proposals for funding. **Deadline: Wednesday, January 15, 2025.** Any researchers in the US who are part of an institution or organization that is eligible for regular National Science Foundation funding are invited to apply. The CRESCENT Seed Grant Program has the dual goals of broadening community participation and increasing the breadth of scientific investigations related to the center's scientific goals. Achieving these goals relies, in part, on inviting the community to participate in addressing top priorities and key challenges identified through three major pillars: i) science, ii) geoscience education and inclusion, and iii) partnerships and applications. Each year, the members of each Pillar, Working Group, and Special Interest Group identify their current research needs and provide priority topics for the seed grant program. Proposals that respond to one or more of the priorities in each of these pillars as outlined in the Request for Proposals will be considered for funding. Please visit [our website](#) to review the request for proposals and to apply.

NEW - Landslide Grants 2025. Grant Application Deadline: January 15, 2025. The U.S. Geological Survey (USGS) is soliciting project proposals for Fiscal Year (FY) 2025 competitive grants to support landslide risk reduction efforts including communication, planning, coordination, mapping, assessments, and data collection. Interested organizations can apply online at grants.gov under Funding Opportunity Number G25AS00032. The USGS Landslide Hazards Program encourages submissions that will advance landslide hazard mapping and assessments, improve

landslide hazard planning and coordination, or improve dissemination and effectiveness of landslide hazard information in mitigating losses. A description of landslide risk reduction Guidance Criteria is in the Program Announcement found on grants.gov. For those interested in the FY 2025 landslide grant opportunity and would like to receive regular grant updates during the FY2025 open application period, please send a blank email to sslaughter@usgs.gov with the subject line “landslide grants 2025”. For more information, visit the [landslide external grant webpage](#).

NEW - 2025 Community Science Heat Monitoring Grants. Applications Due: January 17, 2024. NOAA recently announced an opportunity to apply for the 2025 community science collaborations on extreme heat monitoring. Any U.S. community is eligible; rural communities, territories, and Tribal communities are especially encouraged to apply. Funded through the Inflation Reduction Act, selected communities will receive \$10,000 and technical support to collect heat data in their community through community-led campaigns. Learn more [here](#).

NEW - Climate Smart Communities Initiative. Applications Due: March 3, 2025. The grants can help communities at any step in the planning process, and include funding, as well as training and technical support. The funding, anticipated at \$100,000 per award, can be used over a twelve-month period to advance activities ranging from risk assessments and community engagement to project prioritization and initial implementation. To be eligible for consideration, the community must be located in the United States and facing significant climate-related challenges, based on environmental as well as socioeconomic considerations. The application and the work must also be done as a collaboration between a community-based organization; a local, regional or Tribal government partner; and a climate adaptation professional. A unique aspect of the CSCI is its ability to connect communities and practitioners through its Registry of Climate Adaptation and Resilience Professionals. For more details and to apply, visit their [website](#).

Open Call: Bring a PangeaSeed Public Art Project to Your Community.

PangeaSeed works with diverse ocean advocates to facilitate collaboration between artists and scientists, and produce impactful work. For the first time, they are offering an opportunity for cities to submit applications to bring public art for oceans to their communities! Apply to bring PangeaSeed's expertise and unique interdisciplinary approach to their community. Learn more and apply [here](#).

Funding opportunity related to the Flood Control Assistance Program (FCAAP).

FCAAP funding helps communities develop comprehensive flood hazard management plans, as well as implement recommended activities from those plans. The Washington State Department of Ecology (ECY) recently expanded the range of eligible activities and added federally recognized Tribes as eligible applicants for this grant program. ECY will be funding planning grants that fall into three categories: (1) Developing a new comprehensive flood hazard management plan (CFHMP), including studies and activities leading to a new CFHMP; (2) Updating an existing CFHMP, including studies and activities leading to an updated CFHMP; and (3) Completing activities from an existing CFHMP, as described in the funding guidelines. Learn more [here](#).

Highlighted Media, Publications, and Online Resources

Hazards Around the Nation:

Smart Growth America: Reinvesting in Florida – Fighting Floods With Community-Based Solutions. Smart Growth America partnered with the Florida-based organization Incubate Neighborhood Center (INC) to raise awareness about the impacts of intensifying storms and flooding on housing affordability, infrastructure, and

economic development. Their [video](#) highlights how flooding has affected Fort Pierce and the wider St. Lucie County area.

Environmental Defense Fund: How Can We Support New York City's Housing Cooperatives in Adapting to Climate Change? A new blog post co-authored by the Environmental Defense Fund and Cornell University looks at climate impacts on New York City's cooperative housing and policy recommendations. Read more [here](#).

American Flood Coalition: Seeking to Streamline Access to Federal Funding.

The American Flood Coalition launched the Flood Resilient Communities Cohort, a group of five under-resourced communities in the Carolinas, to identify and advance flood resilience projects using federal infrastructure funding. Learn more [here](#).

Mecklenburg County Offers Voluntary Buyout Program For Homes Damaged By Helene. The Mecklenburg County Board of County Commissioners approved a resolution that would allocate \$8.5 million in stormwater fees to buy or offer RetroFIT Floodproofing Program grants to floodproof homes impacted by Helene. Read more [here](#).

The flood that forced a housing reckoning in Vermont. The interconnected climate and housing crises are putting some Montpelier residents one disaster away from homelessness. Read more [here](#).

Tribes help tribes after natural disasters. Helene is no different. Tribal nations long ago learned to stitch together a patchwork of support to help each other cope with disasters like Hurricane Helene. Read more [here](#).

From Hurricanes to Homelessness: Black Renters at Risk as Evictions Soar. As climate change worsens, Black communities are increasingly caught in a dangerous cycle of flooding, destruction, and eviction. Read more [here](#).

After Hurricane Helene, Therapists Dispense ‘Psychological First Aid’. By helping storm victims process their trauma early, psychologists hope those harmed can move through this disaster without developing post-traumatic stress disorder in the months and years ahead. Read more [here](#).

Canada - HEMBC publishes toolkit for patient relocation in emergencies. Health Emergency Management B.C. (HEMBC) has published a new Inter- and Intra-Health Authority Relocation toolkit with resources to facilitate patient relocation from a site or community-level event, through all stages of preparation, evacuation, transportation, reception, and repatriation. The toolkit embeds a patient-centered, culturally safe, and risk-based approach throughout these phases with considerations for those who are most vulnerable. Read more [here](#).

Climate Change & Coastal Hazard Science & Resilience:

UW Climate Impacts Group contributes to new WA State Climate Resiliency Strategy. The newly released Washington State Climate Resilience Strategy, supported by the University of Washington Climate Impacts Group, offers a science-driven roadmap to a more resilient future. Created in collaboration with 10 state agencies, the plan tackles regional challenges like dwindling snowpack, rising seas, and extreme heat to safeguard communities, livelihoods, and ecosystems. By updating this strategy every four years, Washington is committed to staying prepared, protecting public health, and building a brighter, more resilient tomorrow for all. Read more [here](#).

27 Acres Returned to the Confederated Tribes of Siletz Indians at Cape Foulweather. McKenzie River Trust. The Siletz Tribe reclaims ancestral homelands on the Oregon coast with support from governments and community partners. Read more [here](#).

Recording - Climate Adaptation Barriers and Needs Experienced by Northwest Coastal Tribes. A recording of the webinar is now available [here](#). Please subscribe to this [mailing list](#) if you would like to receive project updates and information about future events.

The tiny potato at the heart of one tribe's fight against climate change. Grist. October 19, 2024. Wetlands absorb carbon from the atmosphere. The Coeur d'Alene's restoration would do more than just that. Read more [here](#).

National Oceanic and Atmospheric Administration: New Local Sea Level Viewer Launches to Aid Coastal Communities. A new tool, the [Sea Level Calculator](#), provides easy access to the best available data for specific locations. In addition to the raw data, users can easily access information about past, current, and future flooding, displayed in easy-to-understand charts and maps, designed for use by both the private and public sectors. Learn more [here](#).

NOAA Releases Updated Employment in Coastal Inundation Zones Dataset. The National Oceanic and Atmospheric Administration (NOAA) is releasing updated Employment in Coastal Inundation Zones data and new maps on NOAA's Digital Coast website and GeoPlatform. The data depicts the number of businesses and jobs potentially impacted by hurricane storm surge, 100-year flood zones, sea level rise, and tsunamis. This first-of-its-kind, authoritative information is reported as aggregated state- and county-level statistics. Specific industries at risk are also identified. The data can also be used to generate estimates of economic effects to coastal economies and the nation's blue economy. Learn more [here](#).

Project DrawDown: Share Your Story in the Global Solutions Diary! Project Drawdown has just launched its [Global Solutions Diary](#), a community-generated video library featuring everyday stories about climate change solutions and justice. To learn

more, visit drawdown.org/diary and submit your video for a chance to be featured on its interactive map and in upcoming talks, workshops, webinars, and more. For any questions, please contact stories@drawdown.org.

Environmental Defense Fund: Announcing the Launch of "Insurance for Good".

Insurance for Good is a recently launched non-profit serving as the community of practice working to harness risk transfer for the common good. It partners with communities and the public sector to curate shared resources, deliver capacity-building programs, incubate open-source and innovative risk transfer approaches, and partner for improved policy and regulation that achieves social and environmental goals. Insurance for Good works to create equitable recoveries, increase resilience, speed the energy transition, and leverage nature-positive approaches. Learn more [here](#).

FEMA: 2023 FEMA Resilience Year in Review. FEMA is excited to share the [2023 FEMA Resilience Year in Review](#) report. It highlights the significant strides FEMA Resilience has made to enhance the nation's preparedness and resilience. The report gives an overview of the direct support to the nation's communities as we face escalating climate challenges. It also details Resilience's work promoting equity, expanding climate resilience programs and improving community readiness.

With the 100-Year Flood Model Seemingly Obsolete, What Now? What should be put in the 100-year flood model's place in order to support the design of infrastructure that can better withstand extreme flooding events in the future? Read more [here](#).

USFWS Publishes Coastal Program Carbon Study. The USFWS Coastal Program evaluated the carbon co-benefits delivered by habitat conservation (i.e., improvement and protection) completed between 2010 and 2020. The purpose of the carbon study is to demonstrate the important role that habitat conservation projects have in removing atmospheric carbon dioxide and more broadly mitigating a significant cause

of climate change. [The Coastal Program Carbon Study – Co-Benefits Evaluation](#) provides an abbreviated description of USFWS methods, results of the carbon study, and suggestions for data interpretation. Find the published reports [here](#).

Earthquake & Tsunami Science & Disaster Resilience:

Eugene woman who survived sneaker wave with granddaughter last year in Yachats returns with warnings (11/14/2024 Yachats News and [KLCC](#)). Ann Dwyer of Eugene and her granddaughter nearly lost their lives by a sneaker wave in October 2023 on a beach near the mouth of the Yachats River. Read more [here](#).

CREW: New Podcasts Help Listeners Discover Their Earthquake Hazard and Retrofit Options. Check out episodes [9](#) and [10](#) of the [Ready to Recover](#) podcast, which explain how to assess earthquake hazards at any address, identify building vulnerabilities, and explore retrofitting solutions for improved safety. The episodes are available at [podcasts.crew.org](#) or through popular podcast apps.

New Report Shows How Human-Caused Warming Intensified the 10 Deadliest Climate Disasters Since 2004. A decade of attribution research shows that “burning fossil fuels causes climate change and climate change causes death and destruction.” Read more [here](#).

Climate-Fueled Extreme Weather Is Hiking up Car Insurance Rates. Home insurers have raised premiums after extreme weather events. Now car insurers in the U.S. are doing the same thing. Read more [here](#).

The Depths of Their Discontent: Young Americans Are Distraught Over Climate Change. A new study of 16,000 young people aged 16 to 25 found clear majorities across all regions and political affiliations deeply concerned about the impacts of a warming planet. Read more [here](#).

Conversa Corps: Aid Arena - Bridging the Gap Between Federal, State and Local Responders. Aid Arena, a digital platform operated by Conversa Corps and powered by Slack, strengthens disaster response and community resilience. During Hurricane Helene, federal, state, and local responders used Aid Arena to coordinate in real-time, streamlining communication essential for rescue operations, logistics, and aid delivery, including meals, water, and shelter. Learn more [here](#).

Environmental Protection Agency: New EPA Website Guides Safe Indoor Air Quality Practices During Emergencies. The EPA's new Emergencies and Indoor Air Quality website provides important information on how natural disasters and emergencies impact indoor environments and occupant health in homes, schools, and commercial spaces. Read more [here](#).

Union of Concerned Scientists: The Electricity Distribution System Can Stay Resilient in Extreme Weather. In recent years the [frequency of extreme weather](#) events has skyrocketed, and many events have included power outages that threaten people's safety and even lives. Read more [here](#).

FEMA: Region 6 Releases Updated Guidebook for Local Officials. In May 2023, FEMA Region 6 published a new edition of the [Risk Communications Guidebook for Local Officials](#). The Guidebook is a planning tool for engaging communities throughout each phase of Risk MAP.

ARISE-US: Disaster Displacement Addendum. The new Disaster Displacement Addendum to the Disaster Resilience Scorecard for Cities has been released. This free tool, developed by the United Nations Office of Disaster Risk Reduction with several collaborators, is designed to help local governments and stakeholders assess how well disaster displacement measures are integrated into broader disaster risk reduction policies. It is available in multiple formats, including an accessible PDF and

an interactive Excel tool, both of which can be accessed via the provided link. Learn more [here](#).

Evaluating a National Disaster Insurance Program. The National Association of REALTORS (NAR) engaged Milliman, Inc. to conduct an actuarial analysis on the feasibility of creating a new federal insurance program that would cover all natural catastrophe perils, including floods, earthquakes, hurricane winds, tornadoes, hail, and wildfires. Here's what it would cost. Read more [here](#).

Job, Scholarship, and Fellowship Opportunities

Oregon:

NEW - Climate Workforce Project Manager. Applications on a rolling basis. EarthAdvantage. Hybrid/ Portland. Manage the implementation of a multi-year, multi-million dollar residential clean energy workforce training program that will develop a rural home energy rater workforce across Oregon and the Northwest. \$75,000 - \$100,000 annual compensation. Learn more and apply [here](#).

NEW - Planning and Sustainability Director (Director II). Application due January 6, 2025. City of Portland. The City of Portland is seeking a dynamic, visionary, and strategic leader to serve as the Bureau of Planning and Sustainability (BPS) Director. This is an exciting opportunity to lead the City's efforts in long-range planning and community development, with a strong emphasis on racial, economic, and climate justice. Learn more and apply [here](#).

NEW - Dean of the College of STM and Health Sciences. Eastern Oregon

University (EOU) seeks qualified candidates for the position of Dean of the College of Science, Technology, Math, and Health Sciences (STMHS). The position of dean is a full- time, 12-month, position and reports directly to the Provost and Sr. Vice President for Academic Affairs. Learn more and apply [here](#).

NEW - Meierjurgen Faculty Fellow in Earth Sciences. Application due December 30, 2024.

University of Oregon. The Department of Earth Sciences invites applications for a three-month residential fellowship as a Meierjurgen Faculty Fellow for one term during the academic year 2025-2026. The Meierjurgen Fellowship provides the opportunity for faculty on sabbatical and visiting researchers from other universities and institutes to collaborate with those in the Department of Earth Sciences. This endowment-funded position provides for salary, travel, and/or living support for a term. PhD in geology or related field. Learn more and apply [here](#).

Washington:

2025 UNOLS-MATE Marine Technical Internship Program. Application due

January 6, 2025. This is an incredible opportunity to work onboard research vessels at-sea and in the shipyard, and be exposed to a wide range of marine technologies, equipment and marine technical professionals. Read more [here](#) and apply [here](#).

Senior Planner, Washington State Department of Commerce (Multiple locations in western WA). Application due by December 4, 2024.

This position works within the Growth Management Services (GMS) Unit of LGD and provides technical assistance to counties and cities in Washington State through the review of comprehensive plans, critical areas ordinances and development regulations on a statewide basis ensuring the GMS Plan Review system does not develop a backlog of review work. In addition, this position will assume one or more GMA related technical specialties and provide assistance related to the specialty to other GMS planners and

counties and cities. This position requires a strong working knowledge of Washington State's Growth Management Act. Learn more [here](#).

Resilience Specialist (multiple Vacancies) Tellus Civic Science. Multiple openings for contractor positions with NOAA Office for Coastal Management to support the Climate Resilience Regional Challenge. More information [here](#).

Wildfire Resiliency Planner (Okanogan, WA). **Applications due December 2, 2024.** Okanogan Conservation District is seeking a highly motivated, detail oriented, and skilled individual to join the district as a Wildfire Resiliency Planner focused on providing direct technical and financial assistance to private residents of Okanogan County for implementing projects that reduce wildfire risk, improve wildfire resiliency, and/or help with recovery from recent wildfires. Learn more [here](#).

CICOES Postdoctoral Scholars Program 2025 (CICOES Consortium Universities –UW, OSU, UAF—or a NOAA Sponsored Lab—AFSC, NWFSC, PMEL). The Cooperative Institute for Climate, Ocean, and Ecosystem Studies (CICOES) seeks applications for Postdoctoral Scholars with research interests in climate, oceanography, and/or ecosystem science including human dimensions and policy. We anticipate offering up to three Postdoctoral Scholar appointments. Postdocs are appointed at any one of the CICOES consortium universities: University of Washington (UW), Oregon State University (OSU), and University of Alaska Fairbanks (UAF) and may be located at one of our National Oceanic and Atmospheric Administration (NOAA) sponsored laboratories: the Alaska Fisheries Science Center (AFSC), the Northwest Fisheries Science Center (NWFSC), and/or the Pacific Marine Environmental Laboratory (PMEL). Learn more [here](#).

Pacific Northwest/Other:

New - NOAA Coastal Resilience Fellowship Program. **Application due: February 28, 2025.** Successful applicants will support [Climate Resilience Regional Challenge](#) grant recipients as they implement projects that build climate resilience within coastal communities. Each project includes a focus on serving marginalized, underserved, and underrepresented communities. Project descriptions for each of the 33 fellowship opportunities are posted [here](#).

Washington has four fellowship openings:

King County fellows will support the **Small Communities Cohort Program**, which is designed to directly support work on community-identified climate preparedness priorities in up to 12 smaller and less-resourced jurisdictions and Tribes in the Puget Sound Basin. Apply [here](#).

Washington State Department of Ecology has one **Climate Resilience, Equity, and Engagement Fellow** working on coastal resilience projects in partnership with communities and Tribes that are most vulnerable to the impacts of sea level rise and other coastal hazards. Apply [here](#). The other WA Department of Ecology will be a **Climate Resilience Outreach and Storytelling Fellow**, that will support the Washington State Coastal Climate Resilience Partnership by working with project partners and their communities to document, co-create, and share stories through various multimedia. Apply [here](#).

AOOS Data and Product Manager (Alaska). The Alaska Ocean Observing System (AOOS) is recruiting a full-time position to serve as the Data & Product Manager. In addition to working with [Axiom Data Science](#) on core data management activities, this position will integrate closely with other AOOS staff, an AOOS data management advisory committee, and other data product developers and collaborators to improve implementation of the overall AOOS Data Management and Cyberinfrastructure (DMAC) Sub-system. Learn more [here](#) and [here](#).

AOOS Water Level Watch Coordinator (Alaska). The Alaska Ocean Observing System (AOOS) is recruiting a full-time 5-year term position to serve as the [Alaska Water Level Watch](#) (AWLW) Coordinator. This is largely a project management and coordination position; but we also seek candidates with technical skill sets and experience, including the ability to learn new technical aspects related to coastal hazards in Alaska. The AWLW is a cooperative collaboration of partners working together on increasing water level and other coastal hazards observations in Alaska. The AWLW Coordinator will eventually lead the AWLW, integrating closely with AWLW collaborators and partners and data product developers. Learn more [here](#) and [here](#).

JPL Postdoc: Coastal Sea Level Variability and Ocean Dynamics (CA). The Jet Propulsion Lab (JPL) is recruiting a postdoc to work on physical oceanography research projects for the NASA Sea Level Change Team and the NASA Modeling Analysis and Prediction Program. The postdoc will be conducting analysis of NASA ocean model output, in situ observations, and altimetry data (including SWOT) in coastal zones across the Pacific. Learn more [here](#).

NOAA Climate & Global Change Postdoctoral Program. **Deadline January 10, 2025.** Each appointed fellow is hosted by a mentoring scientist at a U.S. university or research institution (including Federal laboratories and FFRDCs) to work in an innovative climate-related research area of mutual interest to advance NOAA's science mission. This mission is to understand and predict climate, weather, oceans, and coast changes and illustrate relevance to the [NOAA FY22-26 Strategic Plan](#). This is open to all climate and global change related disciplines, including social and interdisciplinary sciences. Learn more [here](#).

Summer research experience related to Earth Sciences and Indigenous Knowledges. **Applications Due: January 21, 2025.** The National Science Foundation (NSF) Significant Opportunities in Atmospheric Research and Science

(SOARS) program is an undergraduate-to-graduate program created to broaden participation in earth sciences with multiple summer research opportunities, mentoring by expert scientists, engineers, and science professionals; and a supportive learning community. There is no requirement for prior experience with research or programming / coding. Additionally, NSF SOARS includes year-round support, funding to attend conferences, and an engaged network. Successful Protégés are eligible to participate in the program for up to four (4) years. This year, several students out of the cohort will have the opportunity to work on projects related to Rising Voices, Changing Coasts (<https://www.rvcchub.org/>), an NSF-funded project led by Haskell Indian Nations University that brings together Indigenous knowledge-holders and university-trained scientists to improve our understanding of the impacts of climate change (e.g., storms, sea-level rise, heat, fires, floods, ecosystem change) on communities in four coastal regions (Louisiana, Puerto Rico, Hawaii, and Alaska). On the NSF SOARS application form, applicants interested in these projects can select “Indigenous Ways of Knowing” as one of their Research Interests. Learn more and apply [here](#).

NSF CoPe Rising Voices Changing Coasts Summer Internship. Priority Deadline: February 16, 2025. Recruiting Native graduate and undergraduate students to address climate impacts in Alaska, Hawai'i, Puerto Rico and Louisiana. Learn about the role of research in supporting Indigenous communities' adaptive response to climate change. Meet Indigenous and non-Indigenous climate scientists and learn about their work in coastal communities. Develop your professional network and find future professional development opportunities. Located for 4 weeks at Haskell Indian Nations University in Lawrence, KS and 1 week onsite. This form is for the year 2025 of the Rising Voices Changing Coasts internships at Haskell Indian Nations University. Apply [here](#).

We Swim Together Scholarship Program. Eric Stensgar Memorial Scholarship. Applications Due: May 14, 2025. A \$2,500 scholarship is available to empower and

support our Native students on their educational journey. Let's rise together and honor our heritage through knowledge and opportunity. Learn more and apply [here](#).

2025 NMFS-Sea Grant Fellowship. Applications due by January 23, 2025. This Joint Fellowship Program in Population and Ecosystem Dynamics and Marine Resource Economics places Ph.D. students in research-based fellowships that provide support for three years. The program is designed to fulfill workforce development needs identified by the NOAA National Marine Fisheries Service (NMFS) and since 19990, has provided opportunities for 177 Ph.D. students. Learn more and apply [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](#)



Coastal Hazards Newsletter

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