

Pacific Northwest Coastal Hazards Resources Newsletter - Jan 2025

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



Hello everyone,

Happy New Year!

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 **Friday January 24, 2025**. 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

FEMA Strengthens Tribal Nation Recovery After Disasters with Updated Declarations Guidance. FEMA is seeking public comments on updates to its Tribal Declarations Interim Guidance, which outlines the process for evaluating requests for

assistance from Tribal Nations in relation to disaster declarations. The 30-day public comment period will remain open until **January 2, 2025**. Learn more [here](#).

The third series of king tides, the highest high tides of the year, is coming up January 11-13, 2025. 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. 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!

Sea-level rise flood hazard products now available for Humboldt County! The USGS Coastal Storm Modeling System (CoSMoS) models all the relevant physics of a coastal storm (e.g., tides, waves, and storm surge), which are then scaled down to local flood projections for use in community-level coastal planning and decision-making. Projections of multiple storm scenarios are provided under a suite of sea-level rise scenarios. Products are available as geospatial data downloads from the USGS ScienceBase Catalog, and via two interactive web tools. Learn more [here](#).

Survey: Coastal Training Program needs assessment. [The Padilla Bay Coastal Training Program](#) is conducting a needs assessment to ensure the training program remains relevant and impactful. By completing this brief, anonymous survey (approximately 15 minutes), you will directly contribute to identifying new and in-demand training topics. [Please click here to access the needs assessment survey](#). Participants who complete the survey by January 13th, 2025 will be entered into a drawing for a \$105 credit towards a future Coastal Training Program class!

Equitable Coastal Resilience Survey, WA Department of Ecology. The Washington State Department of Ecology's [Coastal Zone Management \(CZM\) Program](#) is seeking participation in an important survey focused on strengthening equitable coastal resilience across Washington's 15 coastal counties. Survey insights will directly inform two key initiatives: a strategic plan for the state's interagency [Coastal Hazards Organizational Resilience Team \(COHORT\)](#) and an action and implementation plan for the CZM Program. The survey is expected to take 15 - 20 minutes. Responses will remain confidential and will be used internally by Ecology and COHORT to help ensure that state resources and programs align more closely with community's resilience priorities. We would appreciate your responses by **Friday, January 10th**. Take the survey [here](#).

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. A link will be available on the Strategic Planning webpage in January [here](#). For more information or questions, please contact [Bobbi McAllister](#).

Teen CERT, Certification, May 16th, 2025, Please Help! The Lincoln County School District, Oregon, is doing one district wide Teen CERT Skills Certification Event in the Spring for all four high school Teen CERT programs. It will be an all-day event (approx 8:30 am - 3:30 pm) on May 16th in Newport (location TBD). They will have about 100-125 students. They are looking for about 16 people (i.e., CERT or

MRC volunteers or EM staff) to help with the event. You can sign up to help [HERE](#) via SignUp Genius or contact [Sue Graves](#), Safety Coordinator, Lincoln County School District.

2024 Coastal Resilience Program Competition Results. The National Sea Law Grant Center awarded two institutions a one-year research grant through its 2024 Coastal Resilience Program competition. One project is in Oregon and is titled “Evaluating Oregon’s Statewide Land Use Planning Goal 18: Beaches & Dunes.” The team is composed of the Environmental Law Institute and Sea & Shore Solutions. [Learn more here.](#)

Big Blue Film Festival 2025. January 24 & 25, 2025. Hatfield Marine Science Center’s Big Blue Film Fest is back! The festival will showcase 34 ocean-themed films at the confluence of marine sciences, humanities and the arts, and tickets are now available [here](#).

FEMA's Stories of Resilience: Voices That Inspire. Stories of Resilience connects communities across the country through personal narratives with one goal: building a more resilient nation. FEMA wants to learn more about your journey towards climate and natural hazard resilience. Sharing your wins and challenges can help others learn from your experience. To learn more about this opportunity and how to get involved, [visit this website](#).

Upcoming Webinars, Meetings & Events

January 9, 2025, 9:00 am PT - Quantifying Coastal Total Water Levels: Importance, Contributing Processes, and Predictions. Cascadia CoPes Hub and [Cascadia Coastal Hazards RCN](#) seminar series. Register [here](#).

January 9, 2025 - 11:30 am PT. Department of the Interior Environmental Justice Steering Committee's Environmental Justice Technical Assistance Webinar Series. This webinar will focus on the post-award management process. [Click here to register](#) for the live event.

January 15, 2025 - 10:30 - 11:30 am PT. Case Study on Damage Assessment Using Remote Sensing (Hurricane Ida). Virtual. Partners in Emergency Preparedness. Learn more and register [here](#).

January 15, 2025 - 12:00 pm PT. EPA Tools & Resources Webinar: Fifth National Climate Assessment: Resources and Interactive Atlas. This webinar will provide an introduction and overview of the 5th National Climate Assessment. It will walk through the major findings presented in the Overview chapter and provide a demonstration of how to navigate the online report and resources. It will also highlight some of the new features of NCA5, such as Art × Climate, which is the first art gallery to be featured in the NCA. It will guide users to resources including podcasts, recorded webinars, and Spanish translations of the NCA5 chapters. The webinar will also specifically highlight and demo the NCA Interactive Atlas, which provides access to the data compiled for NCA5 and enables users to do custom analysis and mapping. [Register here](#) for the webinar.

January 21, 2025 - 10:00 a.m. to 11:00 am PT. Prepared for Anything: The Role of Business Continuity in Organizational Resilience. Making Mitigation Work Webinar Series. Natural Hazards Center. Learn more and 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 this webinar [here](#). Learn more about ClimRR [here](#).

Workshops & Training

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. Read more [here](#).

NEW - January 14-15, 2025. AWR-347: Climate Adaptation Planning for Emergency Management (Virtual). National Disaster Preparedness Training Center. Click [here to register](#). Waitlist only

NEW - January 21-22, 2025. AWR-331: Winter Weather Hazards: Science and Preparedness (Virtual). National Disaster Preparedness Training Center. Click [here to register](#). Waitlist only

NEW - January 22-23, 2025. AWR-228: Community Resilience (Virtual). National Disaster Preparedness Training Center. Click [here to register](#). Waitlist only

NEW - January 22-23, 2025 - 9am - 12 pm PT. Alternatives to Bulkheads: Course #5 - Techniques for Erosion Control, including Construction Materials and

Maintenance. Virtual - \$105. Coastal Training Program Washington. Learn more and register [here](#).

NEW - January 28, 2025. AWR-308: Building Disaster Resilience for Caregivers (Virtual). National Disaster Preparedness Training Center. Click [here to register](#).
Waitlist only

NEW - January 29-30, 2025. AWR-345: Uncrewed Aircraft Systems in Disaster Management (Virtual). National Disaster Preparedness Training Center. Click [here to register](#). Waitlist only

January 16 and February 13. OEM is hosting the next round of Be 2 Weeks Ready Program Coordinator trainings. 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. 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](#)

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 4, 2025. 8:00 - 10:00 am PT. Certified Floodplain Manager Program Information Session. The Association of State Floodplain Managers (ASFPM) hosts quarterly workshops for those interested in learning more about the CFM program and how to become certified. During the live virtual workshop, you'll gain insights about preparing for the exam and be able to ask questions about getting and maintaining your certification. Learn more and register [here](#).

NEW - February 5 - 6, 2025. PER-344: Social Media Tools and Techniques (Virtual). National Disaster Preparedness Training Center. Click [here to register](#).

February 10-11, 2025. Navigating Coastal Hazards Workshop. Astoria, Oregon. Registration closed December 27th. Email cascadia.copes@oregonstate.edu to join the waitlist.

NEW - February 13, 2025 - 9 am - 5 pm PT. Adaptation Planning for Coastal Communities (in-person at the Padilla Bay National Estuarine Research Reserve) - \$50. Coastal Training Program Washington. Learn more and register [here](#). Waitlist only.

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](#).

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 - March 5-7, 2025. Recovery from Disasters: Local Community Roles (Salem, OR) This course covers foundational concepts in disaster recovery and the latest guidance on recovery planning. Learn more [here](#) and register [here](#).

NEW - March 14, 2025. Mobilizing Faith-Based Community Organizations in Preparing for Disaster (Salem, OR). This course covers emergency planning and brings together emergency managers and first responders with Faith-Based Community Organization (FBCO) leaders in a shared learning environment. Learn more [here](#) and register [here](#).

NEW - March 17 - April 4, 2025 - Alternatives To Bulkheads: Course #6 - Sea Level Rise Issues (self-paced) -\$50. Coastal Training Program Washington. Learn more and register [here](#).

NEW - April 22-24, 2025 - Hazard Mitigation Partners Workshop. FEMA is now accepting abstracts for the 2025 Hazard Mitigation Partners Workshop, to be held in Rosemont, Illinois. This year's theme is Stronger Tomorrow, Together and topics will focus on building mitigation champions, driving community resiliency, providing technical assistance for grant programs, and supporting overall mitigation. Visit FEMA's Call for Abstracts page [here](#) for submission details and guidelines. The **deadline Jan. 15, 2025.**

NEW - July 13-16, 2025. 50th Annual Natural Hazards Research and Applications Workshop. Natural Hazards Center. Theme: The Next 50 Years: Charting a Course for the Hazards and Disaster Field. **Workshop proposals deadline: January 31, 2025.** [Join the Workshop Q&A Session on January 14,](#)

2025 at 10:00 PT ([register here](#)), and share your ideas using this [online submission form](#). Learn more [here](#).

Community Education In Action: Understanding Climate Change Through A Just Transition. 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](#).

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](#).

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 (SRA) Annual Conference. Melbourne, Australia. 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. [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](#).

NEW - April 14-18, 2025 - Seismological Society of America Meeting (Baltimore, MD). Learn more [here](#).

NEW - April 15-17, 2025 - Partners in Emergency Preparedness Conference (Tacoma, WA). Learn more [here](#).

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. [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 (ULI). Denver, CO.

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. 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 - May 19-22, 2025. National Voluntary Organizations Active in Disaster.

Theme: "Going the Distance." Louisville, KY. [Learn more here](#).

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](#).

NEW - November 9-13, 2025. Coastal & Estuarine Research Federation (CERF). Richmond, Virginia. 2025 Call for Session, Workshop, and Design Team Proposals. **Closes: Friday, 17 January 2025, 8:59 PM PT.** [Learn more here](#).

Funding Opportunities

NEW - National Environmental Justice Thriving Communities Technical Assistance Center ("TCTAC"). This resource connects communities with expertise to advance environmental justice through federal grant development and community-based initiatives. The database features providers from private entities, non-profits, and universities, offering diverse skills to support community capacity building. [Access here](#).

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](#).

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](#).

Climate Resilient Riparian Systems Grants. Applications Due: January 15, 2025.

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](#).

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. Please visit [our website](#) to review the request for proposals and to apply.

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. For more information, visit the [landslide external grant webpage](#).

2025 Community Science Heat Monitoring Grants. Applications Due: January 17, 2025. 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 - Oregon Sea Grant announces the 2026-2028 Biennial Research Competition. Preliminary Proposals are due Sunday, February 2, 2025 by 11:59pm PT. This call invites preliminary proposals from researchers who are affiliated with any Oregon institution of higher education for two-year research projects that address cutting-edge socioeconomic and biophysical science related to important marine and coastal issues. Learn more and apply [here](#).

NEW - USDA Smith-Lever Special Needs Competitive Grants Program. Deadline: February 13, 2025. This program supports innovative, education-based approaches to addressing disaster preparedness and specific responses related to natural and human-made disasters. Learn more [here](#).

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: February 28.** Learn more and apply [here](#)
and [here](#).

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. 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](#).

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](#).

NEW - Bureau of Reclamation opens \$95M for FY 25-26 WaterSMART Aquatic Ecosystem Restoration Projects. First round of applications are **due Tuesday**

April 15th, 2025. This funding opportunity supports efforts to enhance water supply reliability and address water resource challenges. As part of this initiative, the Aquatic Ecosystem Restoration Projects (AERP) program focuses on restoring and protecting aquatic ecosystems. AERP collaborates with States, Tribes, and local entities to study, design, and construct projects that improve fisheries, wildlife, and aquatic habitats, promoting environmental health and community resilience. Apply [here](#).

BLM Aquatic Resource Management. Applications due date: February 14th, 2025. 500K Aquatic Resource Management grant for a variety of activities, including but not limited to restoring riparian, wetland, and aquatic habitats to support biodiversity and ecosystem function or resilience. Apply [here](#).

Transformational Habitat Restoration and Coastal Resilience Grant.

Applications are due by April 16, 2025. NOAA is announcing the availability of up to \$100 million in funding for transformational projects that restore coastal habitat and strengthen community resilience. This funding has been made available through the Biden-Harris Administration's Bipartisan Infrastructure Law. NOAA will accept proposals with a federal funding request of between \$750,000 and \$10 million for the entire award. Typical funding is anticipated to range from \$4 million to \$6 million. Learn more [here](#).

Funding Opportunity: \$75 Million Available for Fish Passage from NOAA NMFS.

NOAA is looking to provide funding for projects that reopen migratory pathways and restore access to healthy habitat for fish around the country. NOAA will accept proposals between \$750,000 and \$8 million for the entire award, with typical funding anticipated to range from \$3 million to \$5 million. **Applications are due by February 10, 2025.** Learn more [here](#).

Grant Opportunity: Regional Resiliency & Vulnerability Assessments for Ocean and Coastal Acidification. The [NOAA Ocean Acidification Program](#) is requesting

proposals for collaborative projects that synthesize ocean and coastal acidification information at a regional scale. This announcement specifically addresses priorities for how ocean and coastal acidification - in the context of changing ocean conditions - affects dependent human communities (the human dimensions of ocean and coastal acidification). **The deadline is March 5, 2024.** Read more [here](#).

Request for Proposals: Multi-media Outreach Project. The BIA Branch of Tribal Community Resilience and the Institute for Tribal Environmental Professionals are seeking videographer(s), animator(s), and/or graphic designer(s) to produce a series of 3-5 minute videos, infographics, and 2-3 minute animations to accompany a report, The Estimated Unmet Need of Coastal Tribes in the Lower 48 States Facing Relocation Due to Climate Impacts. The purpose of these outreach materials is to enhance the awareness and understanding by Congress and broader audiences about the challenges faced by coastal Tribes in the lower 48 states as they address climate-related relocation and protection-in-place issues. **Deliverables are due by March 14, 2025.** Learn more [here](#).

Request for Proposals: Coastal Tribal Climatic Impacts Analyses. The BIA Branch of Tribal Community Resilience and the Institute for Tribal Environmental Professionals are seeking a contractor to develop regional summaries of climate change projections for approximately 30 federally recognized Tribes currently located along the shores of the Atlantic and Pacific Oceans, Puget Sound, Gulf of Mexico, and the shores of the Great Lakes. These regional summaries would accompany a report, The Estimated Unmet Need of Coastal Tribes in the Lower 48 States Facing Relocation Due to Climate Impacts. The purpose of the projections would be to support Tribal climate change adaptation planning efforts and provide supplemental information for the report describing anticipated climate change impacts for coastal Tribes and associated timeframes that the impacts might take place. **Deliverables are due by March 20, 2025.** Learn more [here](#).

Highlighted Media, Publications, and Online Resources

Hazards Around the Nation:

Expanding and Connecting Tribal-Led Climate Change Capacity To Serve Indigenous Community Needs In Alaska. NOAA Sea Grant. [Read here.](#)

Why Seas are Surging: What one tide gauge reveals about America's climate future. The Washington Post. December 20, 2024. [Read here.](#)

Map Shows US Cities That Could Be Underwater in 2050. A map shows the growing threat to coastal cities around the United States due to rising sea levels. Newsweek. December 8, 2024. [Read here.](#)

This county has an ambitious climate agenda. That's not easy in Florida. Grist. December 9, 2024. [Read here.](#)

I Saw The Hurricane Helene Response Up Close. This Is How Disaster Relief Actually Works. Volunteers, not FEMA, are the bedrock of disaster response. How do we best support them? Jess Craig. Vox. November 17, 2024. [Read here.](#)

Climate Change & Coastal Hazard Science & Resilience:

Remembering the 1964 Christmas floods: Oregon's historic winter storms, 60 years later. Chris Pietsch, Eugene Register-Guard. December 17, 2024. [Read here.](#)

Photos/video: King Tide Flooding From Around the Pacific Northwest. KOIN. December 15, 2024. [Read more here.](#)

Importance of Climate Change Literacy in the Northwest. USDA Northwest Climate Hub. [Read more here.](#)

Biden-Harris Administration, NOAA invest nearly \$1 million for coastal resilience in frontline communities through Investing in America agenda.

National Oceanic and Atmospheric Administration. In December, the Department of Commerce and NOAA announced \$999,846 in funding will be awarded over three years to existing NOAA [Climate Adaptation Partnerships \(CAP\)](#) teams and regions, including emerging CAP partnerships. The funding will be used to bring members of frontline coastal communities together to develop plans to address the worst impacts of climate change and coastal flooding. These funds are made possible by the Biden-Harris Administration's [Bipartisan Infrastructure Law](#). [Read here.](#)

Improving US Coastal Resilience and Protection. How can the US Army Corps of Engineers work with communities and agencies to create more effective coastal protection projects? State of the Planet, Columbia Climate School. December 11, 2024. [Read more here.](#)

Braid Theory – an AltaSea Anchor Tenant – Part of NOAA's Fast-Track Innovations Grant on Coastal Resilience and the Growing Blue Economy. The Department of Commerce and the National Oceanic and Atmospheric Administration (NOAA) announced in December that it is recommending The Continuum, which includes AltaSea anchor tenant Braid Theory, will receive \$13.9 million to help bring to market solutions that will grow the blue economy, while strengthening coastal resilience. Funded by the Inflation Reduction Act, these investments will help small businesses scale quickly to “spur the development of technologies and services that address a wide range of maritime issues.” Business Wire. December 13, 2024. [Read more here.](#)

Building Coastal Resilience Through Collective Philanthropy. The UBS Climate Collective brings together local communities, environmental experts, and innovative philanthropists to work hand in hand towards protecting vital coastal ecosystems, building resilient livelihoods, and scaling solutions to meet the growing climate crisis. Reuters. December 9, 2024. [Read more here.](#)

Biden Signs Coastal Habitat Conservation Act. On Wednesday, December 11, President Joe Biden signed the [Coastal Habitat Conservation Act](#), which codifies the U.S. Fish and Wildlife Service's (USFWS) Coastal Program and provides funding to protect, enhance, and restore priority habitats along the nation's coasts. Seafood Source. December 13, 2024. [Read more here.](#)

Growing Support for Nature-Based Solutions. National Wildlife Federation just released its analysis of nature-based project selections for FEMA's FY2023 Building Resilient Infrastructure and Communities (BRIC) National Competition. [Read more.](#)

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. Additional information is available at this [webpage](#).

HUD Releases Guidance on Determining the FFRMS Floodplain. This document provides step-by-step instructions for reviewers to determine the floodplain

boundaries and flood elevation under the FFRMS, as well as what the regulatory requirements are as a result. [Read more.](#)

FEMA Launches DIY Quoting Tool for Flood Insurance. The new Direct-to-Consumer (D2C) online quoting tool lets users generate accurate flood insurance quotes in just minutes. [Read more.](#)

FFRMS Fact Sheets Available. FEMA has developed a set of fact sheets that provide information on the agency's newly implemented Federal Flood Risk Management Standard. The four fact sheets explain how it applies to grants funded by the Grant Programs Directorate, Hazard Mitigation Assistance, Individual Assistance, and Public Assistance programs. Visit the FFRMS page [here](#) for more information and to download the fact sheets.

Urban Waters Federal Partnership: Partnership Approaches in Equitable Climate Resilience Planning. Urban Waters Federal Partnership releases recent product of the Urban Waters Federal Partnership, [Urban Waters Federal Partnership: Partnership Approaches in Equitable Climate Resilience Planning](#), showcasing these successes in four locations bolstered by the unique features of the Urban Waters Federal partnership. Through the power of partnership, the members of the 21 Urban Waters locations work together to identify opportunities and resources that blend with local strengths to make equitable resilience possible in their respective watersheds. Read more [here](#).

Adaptation Gap Report 2024: Come hell and high water (UNEP). Explore UNEP's annual assessment on progress in adaptation planning, implementation and finance, which highlights the enormous gap between adaptation finance needs and flows. Read [here](#).

Did COP29 advance the UNFCCC Global Goal on Adaptation? (SEI) The authors argue that COP29 will leave a very small legacy with limited advancements in the pursuit of an adequate adaptation response. Read [here](#).

FEMA's Building Code Summer Activity Sheet. The activity sheet is geared toward upper elementary school children and teaches them the importance of building further from water to avoid potential damage/flooding. This activity sheet along with [other children's resources](#) aim to target our younger stakeholder group. Access [here](#).

Earthquake & Tsunami Science & Disaster Resilience:

Built for the Big One: Come earthquake or tsunami, OSU's marine center is ready. Katherine Cusumano. Oregon Stater. [Read here](#).

The California Tsunami Danger is Real-The 7.0 Earthquake is a Wake-up Call to Prepare. Fear, anxiety and confusion swept across the West Coast early Thursday when a [rare tsunami warning](#) was issued for parts of Northern California and southern Oregon following a [magnitude 7 earthquake](#) that hit about 55 miles off the shore of Eureka. Evacuations were ordered. Sirens went off. Service was suspended on the Bay Area's commuter rail through its underwater Transbay Tube. But in about an hour, [the warning was canceled](#). The Los Angeles Times. December 6, 2024. [Read more here](#).

The new issue of the NTHMP TsulInfo Alert newsletter is now available. This jam-packed issue includes articles about the 2nd Global Tsunami Symposium, the UNESCO-IOC Tsunami Eyewitness & Survivors Project, the joint ITIC – NEIC poster on the 2004 Indian Ocean tsunami, the World Tsunami Awareness Day event at UN Headquarters in New York, literature about the 2004 Indian Ocean tsunami, the retirement of Jeff Lorens, the Crescent Workshop at University of Oregon, the new TsunamiReady Community in Puerto Rico, outreach events in American Samoa and Northern California, staffing changes and the new Vertical Evacuation Structure

Manual from WA Emergency Management Division, changes in outreach based on a public survey in the USVI, the first tsunami evacuation drill at schools in Guam, the December 5th earthquake and tsunami event in Northern California, new tsunami research, and upcoming NTHMP meetings and tsunami related conferences. [Read the newsletter here.](#)

As Disasters Multiply, FEMA Makes It Easier For Tribes To Get Aid. The agency announced Tuesday it is changing its guidance for tribal disaster declarations. Washington Post. December 3, 2024. Read more [here.](#)

Empower Yourself with Essential Financial Strategies in New Homeowner's Guide and Renter's Guide to Prepare Financially for Earthquakes. FEMA's Building Science team has released these two guides to help homeowners and renters protect their assets and financial well-being in earthquake-prone areas. Read the Homeowner's Guide [here](#) and the Renter's Guide [here.](#)

Job, Scholarship, and Fellowship Opportunities

Oregon:

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 - Coastal Conservation Manager. Oregon Shores Conservation Coalition. **Application Deadline: January 5, 2025.** This frontline role in our conservation

advocacy program is vital to addressing land-use threats and promoting coastal resilience. The Coastal Conservation Manager will work closely with the Marine Conservation Manager to lead advocacy campaigns, develop policy recommendations, mobilize public participation, and build coalitions. Learn more and apply [here](#).

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 - Community Science and Engagement Manager. Oregon Shore Conservation Coalition. Application Deadline: January 12, 2025. This position manages the CoastWatch mile adoption program and coordinates community science projects and large-scale beach cleanups. 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](#).

CICOES Postdoctoral Scholars Program 2025 (CICOES Consortium Universities –UW, OSU, UAF–or a NOAA Sponsored Lab–AFSC, NWFSC, PMEL).

Applications due January 20, 2025. 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. Learn more [here](#).

Puget Sound Climate Preparedness Collaborative Project Manager. In July 2024, the King County Executive Climate Office received a 3-year \$2M NOAA Climate Resilience Regional Challenge grant on behalf of the Puget Sound Climate Preparedness Collaborative. The [Collaborative Project Manager](#) will play a key role in implementing grant activities, including development of a Small Communities Cohort Program. This full-time position will be based in Seattle and will extend through the end of 2027, with the possibility of extension based on continuing availability of funds and ongoing operational needs. **The position closes January 8, 2025 at 11:59 PM Pacific Time.**

Wetland Scientist/Ecologist with Terracon. We are looking for a professional with skills and experience primarily in wetland science (experienced in and able to conduct wetland assessments and delineations) and potentially additionally ecology and biology, in order to support projects in our developing Environmental Planning Group, where wetland projects form a large part of the portfolio and also includes environmental compliance and habitat assessment projects. **Apply by January 17, 2025.** Learn more and apply [here](#).

NEW - Duwamish Valley Resilience Section Manager with Seattle Public Utilities. As the Duwamish Valley Resilience Section Manager, you'll guide a transformative program that blends infrastructure innovation, evaluation and potential implementation of targeted retreat, shoreline restoration, contamination remediation and community empowerment. The section leads long-term infrastructure planning, near-term emergency management planning and oversight, and the City's involvement in the Lower Duwamish Waterway Superfund Cleanup. This role will oversee interagency collaboration, community engagement, master planning, and capital program development to enhance climate resilience while prioritizing equitable development and environmental justice. **Apply by January 14, 2025.** Learn more and apply [here](#).

Pacific Northwest/Other:

Engagement Specialist for the Alaska Center for Climate Assessment and Policy (ACCAP), University of Alaska Fairbanks (Alaska). The candidate will bring their lived-experience in Alaska to the ACCAP core team and help realize our commitment to meeting the needs of Alaska Native organizations and communities. The candidate should understand different world views and possess the ability to bridge and communicate across cultures. **Applications close January 8, 2025.** Learn more and apply [here](#).

Postdoc: Coastal Sea Level Variability and Ocean Dynamics, Jet Propulsion Lab (California). 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 and apply [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. 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](#).

Coastal Management Fellowships. Applications due by Friday, January 24, 2025. The NOAA Office for Coastal Management is recruiting candidates for the 2025 Coastal Management Fellowship Program. This program provides on-the-job education and training opportunities in coastal resource management and policy for postgraduate students, while offering project assistance to state and territory coastal zone management agencies and other key NOAA partners. The six fellowship positions, starting in August 2025, are available with the following host organizations: Maine Coastal Program/Maine Department of Marine Resources; Massachusetts Office of Coastal Zone Management; New Hampshire Coastal Program; North Carolina Division of Coastal Management; Oregon Coastal Management Program; U.S. Virgin Islands Coastal Zone Management Program. Eligibility requirements, project descriptions, and application guidance can be found on [this website](#).

International climate protection fellowship. Deadline: February 1, 2025. This programme provides the unique opportunity for prospective leaders and postdocs from non-European developing or transition countries to work on a research or practice-

oriented project in Germany for 12–24 months, collaborating with leading institutions and experts in the field. 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](#).

NEW - Knauss Fellowship Opportunity Now Open. The fellowship provides a one-year, paid experience for highly qualified early career professionals to work on issues related to coastal, marine and Great Lakes science and policy in offices within the executive or legislative branches of government in Washington, D.C. Graduate students interested in marine, coastal, and Great Lakes science and policy should explore the information about the fellowship as soon as possible and **talk to their local Sea Grant program (or the National Sea Grant Office) at least one month prior to the February 19, 2025 deadline.** Learn more [here](#).

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](#).

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](#).

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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