

Pacific Northwest Coastal Hazards Resources Newsletter

February 2024

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



Good morning everyone,

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

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

If you have anything to add to the next newsletter please share with [Felicia](#) by **Monday, February 19, 2024**. If you want to receive the newsletter, please subscribe to the OCHR Mapper listserv [here](#) or to the CHRN listserv [here](#). If you have an event that is happening from now until the next issue, please send your message directly to the [OCHR Mapper listserv](#), the [CHRN listserv](#), or to [Felicia](#).

Other comments and suggestions are appreciated, as well.

Sincerely,

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

Announcements

FEMA: National Engagement – Draft "Climate Adaptation Planning Guidance for Emergency Managers" for Review. FEMA is seeking feedback on the draft guide "[Climate Adaptation Planning Guidance for Emergency Managers](#)." The guide helps emergency managers incorporate climate adaptation into emergency management planning efforts. A line-numbered version of the draft guide is available to allow individuals to provide comments on specific areas within the document. Use the [feedback form](#) (Excel spreadsheet) to capture any recommendations. Please provide any comments or recommendations by close of business on **February 9**. Send feedback or any questions via email to NPD-Planning@fema.dhs.gov.

FEMA Seeking Leaders for Youth Preparedness Council Application. Do you know a young leader who is passionate about making a positive impact on their community? The Federal Emergency Management Agency (FEMA) is looking for students in grades eight through 11 interested in supporting disaster preparedness to join the Youth Preparedness Council (YPC). The online application is now open, and closes March 4, 2024 at 11:59 p.m. PT. Learn more about the YPC and application requirements [here](#).

FEMA Seeks Volunteers for Virtual BRIC National Review Panels. FEMA is seeking volunteers from state, local, tribal and territorial governments and other federal agencies to participate on the [Building Resilient Infrastructure and Communities \(BRIC\)](#) virtual national review panels. Participation in these panels will strengthen the BRIC review process by ensuring it is transparent, equitable and inclusive. The agency is accepting [Expression of Interest](#) forms until **Feb. 15**. These volunteers will leverage their mitigation experience and expertise to determine how sub-applications meet [BRIC qualitative evaluation criteria](#). The virtual panels will run from April 8 to May 3 on Zoom. Panelists will serve 30 hours on one weekly panel from 7 a.m. to 2 p.m. PT, as well as participate in a three-hour training. FEMA anticipates that panel participants will commit eight hours a day over the course of five business days. All reviews will be conducted virtually, and there is no compensation for participating on the panels. For more information, visit the BRIC homepage on [FEMA.gov](https://www.fema.gov).

Consortium for Equitable Disaster Resilience: Research Study Invitation. The Consortium for Equitable Disaster Resilience (CEDR) invites you to take part in a research study. This study seeks to identify what barriers prevent underserved populations from getting the help they need to recover from disasters. This project involves two main groups: 1) members of grassroots community organizations, and 2) stewards of disaster aid (those who hold, authorize and channel disaster funds). If you complete the study, we will compensate you with a \$100 electronic cash gift card at the end of the study. In all, the study will take less than 2.25 hours.

This time will be spaced over eight weeks with three different phases. [If you wish to take part, please click this link.](#)

3 Sided Cube: The Impact of AI to Reduce Risks of Disasters Survey. The number of disaster events is projected to reach 560 a year – or 1.5 disasters a day – by 2030. Every \$1 invested in making infrastructure disaster-resilient saves \$4 in reconstruction ([UNDRR](#)). The aim for this [survey](#) is to get a pulse on the use of artificial intelligence (AI) in forecasting, risk mitigation, preparedness, and response to disasters.

Save the Date: Coastal Hazards Resilience Network Annual Meeting. Tuesday May 21st, located at the Washington Department of Ecology Headquarters in Lacey, WA. Join us as we spotlight perspectives from communities actively involved in the frontline of climate hazard planning and adaptation. This event will connect leaders who are engaging with their communities, identifying local needs and priorities, and supporting adaptation and building resilience to coastal and climate hazard impacts. For questions email nlin461@ecy.wa.gov

Help shape the Ocean Decade Vision 2030 process: take part in the review of the 10 White Papers! A milestone initiative of the United Nations Decade of Ocean Science for Sustainable Development 2021-2030 ('Ocean Decade'), [Vision 2030](#) is a strategic ambition setting process which aims to identify a common measure of success for each of the Ocean Decade Challenges. Led by 10 Working Groups, one per Challenge, the White Papers are the result of several months of collaborative work initiated in early 2023. They outline a comprehensive and visionary strategic ambition based on user needs, priority datasets, residual gaps in science, as well as scientific knowledge, resources or infrastructure, partnerships, capacity development, technology solutions and infrastructure required for each Challenge to ensure that it can be fulfilled by 2030. [Download the white papers](#) and provide feedback [here](#).

Upcoming Webinars, Meetings & Events

February 1, 2024 - 9:00-10:00 am PT - Cascadia CoPes Hub/ RCN Virtual Seminar Series. Vertical Evacuation Structures – Successes and challenges in the Pacific Northwest”. Speakers: Kevin Goodrich, City Administrator, City of Westport; Cinamon Moffett, Research Facility Coordinator, OSU Hatfield Marine Science Center; Laura Gabel, Geologist, Oregon Department of Geology and Mineral Industries (DOGAMI). Register [here](#).

February 1, 2024 - 10:00-11:00 am PT - Results from the 2023 National Household Survey on Disaster Preparedness. FEMA will host a webinar to discuss key findings from the recently released results from the [2023 National Household Survey on Disaster Preparedness](#). This webinar is designed for emergency managers and other decision makers to learn more about gaps and opportunities to increase individual preparedness in their communities. [Register here](#).

February 1, 2024 - 11:30am-12:30pm PT - Protecting Houses of Worship Resource Webinar. The webinar will focus on the CISA [Security Self-Assessment](#) tool and tips for strong Nonprofit Security Grant Program (NSGP) applications. The webinar will be more of a technical assistance webinar rather than an informational one. The target audience is anyone who is interested in the NSGP and for those who have expressed interest in DHS Faith-Based Community Resources. [Register here](#). Further information on protecting houses of worship can be found at [Protecting Houses of Worship | Cybersecurity and Infrastructure Security Agency CISA](#).

February 6, 2024 - 2:30-3:00 pm PT. CONVERGE Indigenous Sovereignty in Disasters Training Module. This is a 30-minute demonstration webinar featuring the module. You can [learn more and register for the webinar here](#). This module focuses on how settler colonialism impacts vulnerability to hazards and how Indigenous sovereignty—or the right of Indigenous Peoples to govern themselves—can help build disaster resilience. You can [register for and access the free module here](#).

February 7, 2024 - 2:00 pm PT - King Tides and Coastal State Parks: Rangers Share Their Stories. In-person. Oregon State Parks and CoastWatch are teaming up to provide an informational session in the observation building at the historic and scenic Shore Acres State Park, Coos Bay, Oregon. No registration. [Learn more here](#).

February 22, 2024 - 12:00 pm PT - Indigenous Perspectives on Earth, Water and Sky. A Sense of Place Webinar Series - YAKANAL: Rekindling Our Ancestral Relationship to Place. Featuring Isabel Hawkins, PhD and Shelly Valdez, PhD. YAKANAL engages Indigenous youth in cultural exchanges and cultural preservation programs of local impact, offering unique opportunities to share rich cultures and traditional knowledge. [Register here](#). Space is limited.

Recorded Webinar - A Groundbreaking New Approach to Tsunami Detection and Warning. Presented by: Louise Comfort of the University of Pittsburgh and Lee Freitag of Woods Hole Oceanographic Institution. OCTO (Open Communications for the Ocean) Webinar. January 10, 2024. [Access here](#).

March 7, 2024 - 12:00 - 1:00 pm PT - CHRN Lunch & Learn with Dr. Jamie Donatuto. Dr. Jamie Donatuto will share about their role as the Community Health Analyst for the Swinomish Indian Tribal Nation working on tribal health-related impacts of climate change. [Learn more and register here](#).

Workshops & Training

February 1, 2024 - 8:00 am - 10:00 pm PT. CFM Boot Camp. Interested in becoming a Certified Floodplain Manager, but aren't sure where to start? This is a completely free, live virtual workshop where you'll be able to gain insights about preparing for the exam as well as ask questions about the process of getting and maintaining your certification. Nearly 675

aspiring CFMs attended the first boot camp in November, so be sure to secure your spot for February. [Learn more and register.](#)

February 5-8, 2024. FEMA's Hazard Mitigation Partners Workshop. The Hazard Mitigation Partners Virtual Workshop will bring together over 800 federal, states, local communities, tribes and territories, as well as private sector entities, private non-profit organizations, and individuals who work in emergency management, floodplain management and hazard mitigation positions. [Learn more here.](#)

NEW - CERT Basic Training. This training will encompass basic first aid, triage, fire safety, search and rescue basics, mental health for disaster events, and how to be a community volunteer in the event of disasters and other events.

January 30, 31, and February 1 - FEMA Region 10 location in Bothell, WA 98021

Email fema-r10-communityprep@fema.dhs.gov to register for this course, and you will receive more information including the address.

February 7, 8, and 9 - Evergreen State College. This event is looking for volunteers, [click here to learn more.](#)

March 2, 3, and 23 - Lewis County Fair Grounds

March 22, 23, and 24 *Bilingual English/Spanish* - City of Everett Fire Department. Email celso.rangel@ofm.wa.gov to register for the three above courses, and you will receive more information.

NEW - Starting February 13, 2024 - Running Transformational Resilience Coordinating Networks. The International Transformational Resilience Coalition is offering a free 10-week Community of Practice on organizing and facilitating Transformational Resilience Coordinating Networks. This opportunity is open to “emergent leaders” interested in utilizing a public health approach to strengthen the capacity of all residents for mental wellness and transformational resilience for persistent climate-generated and other toxic stresses, emergencies, and disasters. [Learn more about this opportunity including the schedule of topics](#) and [register to participate.](#)

Registration is open for the Washington Coastal Training Program classes scheduled for January 2024 - April 2024. Some classes are **not Washington specific** and are **virtual**. All classes are eligible for Certification Maintenance (CM) credits through the American Planning Association and the Academy of Board Certified Environmental Professionals. Members of the Society of Wetland Scientists may also apply class hours toward recertification. [Look at the list of classes here.](#)

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

Upcoming Conferences

February 1-2, 2024. NHERI Computational Symposium. Natural Hazards Engineering Research Infrastructure. Los Angeles, California. Cost and Registration: \$175 until October 20, closes November 20. [Learn more and register here.](#)

NEW - February 7-8, 2024. National Academies: National Nature-Based Solutions Policy Forum. Virtual option. [Register here.](#)

February 12-15, 2024. Social Coast Forum. Charleston, SC. Presentations and discussions at the Social Coast Forum 2024 will focus on applying social science data, tools, and practices to build climate resilience in coastal communities. [Learn more here.](#)

NEW - February 13-15, 2024 North Coast & Cascades Science Days. Free, three-day virtual symposium featuring new and ongoing science in the North Coast & Cascades Network! Sessions will bring together research across boundaries of park, ecosystem, and discipline, deepening understanding of our region's natural and cultural interconnectivity. [Learn more here.](#)

February 18-23, 2024. Ocean Sciences Meeting. New Orleans, LA. [Learn more and register here.](#)

March 3-6, 2024. Disaster Recovery Institute International Conference. New Orleans, LA. [Learn more and register here.](#)

March 12, 2024 - 10:00 am - 3:00 pm PT. Effective Estuary Restoration Symposium. Organized by Pacific Marine and Estuarine Fish Habitat Partnership. This one-day virtual symposium will bring together experts in the field of estuary restoration along the U.S. West Coast to explore effective estuary restoration topics. This is the first of three annual symposiums that will explore a wide range of pressing topics in estuary restoration. [Learn more and register here.](#)

NEW - March 12-14, 2024. New Jersey Coastal & Climate Resilience Conference. Sponsored by the New Jersey Coastal Resilience Collaborative. [Learn more and register here.](#)

NEW - March 21, 2024 - CARIBE WAVE 24 Tsunami Exercise <http://caribewave.org>

March 28, 2024 - 9 am - 5 pm PT. Symposium on Climate Change and Clinical Practice. Seattle, WA. This free symposium will bring together stakeholders from across the spectrum of clinical practice and health care operations to consider the implications of the climate crisis on our health systems. [Learn more here.](#)

April 2-4, 2024. 2024 Partners in Emergency Preparedness Conference. Marriott Tacoma Downtown. Learn about getting better prepared and how community partners are supporting preparedness initiatives. The Conference is asking for **25 volunteers** to help with logistics and

will be waiving the conference fee and providing meals for volunteers. Join the mailing list to stay updated: [Mailing List](#). [Learn how to volunteer](#).

NEW - April 3-6, 2024. Coastal Cultures Conference 2024: Gullah/Geechee & Biodiversity. [Learn more and register here](#).

April 9-12, 2024. 2024 Earthquake Engineering Research Institute (EERI) Annual Meeting, Seattle, WA. The meeting theme is "Uniting Earthquake Science and Engineering for a More Resilient Future." [Learn more and register here](#).

NEW - April 10-12, 2024 From Ice Sheets to the Coast: Sea-Level Rise Impacts | University of Houston, Texas. Learn more [here](#).

April 15-17, 2024. National Tribal Leaders Climate Summit. [Learn more and register here](#).

April 29 - May 3, 2024. Seismological Society of America Meeting (Anchorage, AK). [Learn more here](#).

May 6-9, 2024. National VOAD Conference. Phoenix , AZ. The National Voluntary Organizations Active in Disaster (VOAD) Conference is an annual event that brings together a diverse array of non-profit organizations, government agencies, and other stakeholders dedicated to disaster response and recovery efforts. [Learn more here](#).

May 14-16, 2024. National Adaptation Forum: 6th National Adaptation Forum. Saint Paul, Minnesota. [Learn more here](#).

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

NEW - July 26-August 1, 2024 - NTHMP 2024 Summer Meeting. Pago Pago, American Samoa. Learn more [here](#).

NEW - October 6-10, 2024 - Restore America's Estuaries (RAE) Coastal & Estuarine Summit. Washington, D.C. Region. Call for presentations. Submission will be accepted starting February 1, 2024. For more information, visit the [2024 RAE Coastal & Estuarine Summit webpage](#).

Funding Opportunities

EPA's Community Change Equitable Resilience Technical Assistance. EPA has launched a technical assistance program to help disaster prone and disadvantaged communities prepare to apply for Community Change Grants. The Community Change Equitable Resilience program will provide free design and project development assistance, community engagement, and

partnership development workshops. Requests for technical assistance are now being accepted on a rolling basis until 50 recipients have been identified. For additional information including how to request this technical assistance, please visit [this website](#). For more information on the Community Change Grants program overall, please see the [Frequently Asked Questions](#) page and [Community Change Grants NOFO](#) page.

Tribal Capacity Building Pilot Program Funding. Deadline to Apply: February 5, 2024.

California Strategic Growth Council has released the [Notice of Funding Availability \(NOFA\)](#) and [Application](#) for SGC's newest grant program, the Tribal Capacity Building Pilot Program. The pilot program provides funding and technical assistance to California Native American tribes to build staff capacity to advance tribes' climate-related work. SGC will award between \$150,000 and \$250,000 to each tribe selected for the pilot two-year grant term. Please feel free to reach out to the CACE team directly at CACE@sgc.ca.gov with questions and/or concerns.

FEMA's FY23 Hazard Mitigation Assistance Grant Programs. Deadline: February 29, 2024 at 12 pm PT. FEMA [announced](#) 2023 funding opportunities for two Hazard Mitigation Assistance grant programs. For this grant cycle, \$800 million is available for the [Flood Mitigation Assistance \(FMA\)](#) grant program and the \$1 billion is available to the [Building Resilient Infrastructure and Communities \(BRIC\)](#) grant program. Sub-applicants are encouraged to contact the state, territory or tribal applicant as they may have earlier deadlines. Eligible applicants must apply via [FEMA Grants Outcomes](#).

NEW - The National Dam Safety State Assistance Grant Program is making an approximate \$26 million available. Deadline: February 29, 2024. This grant is available for any state or territory with an enacted dam safety program. These grants establish and maintain effective state programs to ensure dam safety and protect human life and property. [Learn more eligibility requirements](#).

NEW - 2024 Coastal Resilience Program Competition. Deadline: Letters of Intent must be received by 3 p.m. PT on Friday, March 8, 2024. Full proposals must be received by 3 p.m. PT on Friday, June 7, 2024. The National Sea Grant Law Center (Law Center) is accepting applications from eligible applicants to conduct research on the effectiveness of laws and policies related to a wide range of coastal resilience issues including sea level rise, flooding, amplified storm surge, increased frequency and intensity of storms, land use, or other environmental factors, and whether those policies are achieving desired policy changes. Matching funds will not be required. Eligibility: The following entities are eligible and encouraged to participate in this funding opportunity: Sea Grant Programs, institutions of higher education, government agencies, and non-profit organizations that have the ability and capacity to conduct rigorous, non-partisan law and policy research. [Learn more and apply here](#).

FEMA Announces Second "Safeguarding Tomorrow RFL" Grant Program. Deadline: Tuesday April 30, 2024 by 12 p.m. PT. FEMA announced its second Safeguarding Tomorrow through On-going Risk Mitigation Revolving Loan Fund program "Safeguarding Tomorrow RLF" grant program funding opportunity for \$150 million. This opportunity will provide capitalization

grants to eligible applicants to award low-interest loans to communities to reduce their vulnerability to disasters, foster greater resilience and reduce disaster impacts. The funding notice is available at [Grants.gov](https://www.grants.gov) Eligible entities must apply for funding using the [Non-Disaster \(ND\) Grants Management System \(ND Grants\)](#).

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

Swift Current, a sub-program of FEMA's Flood Mitigation Assistance program. **Deadline: January 15, 2025.** This program aims to speed up the award of FMA funding to reduce the damage-repair cycle of repetitively flooded or substantially damaged properties. Another \$300 million is available in this, the second round of Swift Current funding. Examples of eligible projects include property acquisition and demolition, elevation, and relocation. For this round, FEMA expanded criteria so more places could benefit. [Read more](#).

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

NEW - NOAA: Resilience Financing Resources on the Digital Coast. Find materials to understand project funding and financing basics; case studies of lessons learned; tips for exploring funding and financing options; and links to a webinar series with discussions on stormwater credit trading, revolving loan funds, and more. [Explore here](#).

NEW - River Network: "Tapping Into Federal Funding" Hub. River Network's new federal funding hub has information, resources and other materials to help you understand key federal programs whose infrastructure dollars are flowing to communities to build climate resilience. [Explore here](#).

Highlighted Media, Publications, and Online Resources

[Hazards Around the Nation:](#)

Massive waves slammed a U.S. Army base. How it happened is mysterious. January 25, 2024. The Washington Post. [Read more here](#).

State officials won't let these homeowners build a sea wall. How their lawsuit could reshape California's coastlines. January 7, 2024. Mercury News. [Read more here.](#)

Community-Driven Relocation: Recommendations for the U.S. Gulf Coast Region and Beyond. National Academies of Sciences, Engineering, and Medicine. [Read more here.](#)

Beach Re-Nourishment Continues Along Alabama Coast. Those projects, which also include raising the sand dune heights, planting vegetation and building sand fences, are partially funded by FEMA (Federal Emergency Management Administration), the NFWF (National Fish and Wildlife Foundation) Gulf Environmental Benefit Fund (GEBF), and from state and local dollars. [Read more here.](#)

For climate resilience, housing is 'the name of the game' in this fast-growing US city. Population is booming in Jacksonville, Florida, but to avoid putting people at increased risk, the city is eyeing paradigm shifts in development patterns. December 11, 2023. Smart Cities Dive. [Read more here.](#)

Fugro: Supporting Coastal Resilience Efforts in Florida With High-Resolution Data of the Coastal Seafloor. Geodata developed under the FSMI will help inform critical climate adaptation strategies, including infrastructure development and maintenance; habitat mapping; environmental restoration; emergency response; coastal hazard studies; and more. [Read more here.](#)

Tetra Tech: Voluntary Home Buyout Program (VHBP). To increase community resilience, Monroe County, Florida, participated in a HUD-funded VHBP and acquired 19 storm-damaged, flood-prone properties. The parcels were converted to deed-restricted public open space, allowing ecosystems to adapt while reducing negative impacts to lives and property. [Read more here.](#)

San Diego Regional Climate Collaborative: San Diego Region Coastal Resilience Roadmap. Through six guiding principles, this Coastal Resilience Roadmap takes a deep dive into the past, current and future actions that the San Diego region has taken to address sea level rise and its adjacent impacts. [Read more here.](#)

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

How Washington's king tides amp up flood risks amid global sea level rise. December 11, 2023. The Seattle Times/Washington Sea Grant. [Read more here.](#)

OWSC Releases New Strategic Plan. The Office of the Washington State Climatologist has released a new strategic plan to guide their future work. Among several key priorities, the strategic plan emphasizes engaging with decision makers and communities and co-producing applied research. [Read more here.](#)

Smoke Ready Gorge. In the Columbia River Gorge, the air can be smoky all year. Smoke Ready Gorge was created to protect our health and prepare for future smoke events. [Access the website here.](#)

UW research helps California forest managers assess smoke hazards from prescribed burns. January 16, 2024. UW News. [Read more here.](#)

EPA puts nearly \$11 million toward OSU, other community wildfire smoke preparedness programs. January 26, 2024. KTVZ. [Read more here.](#)

The New Wildfire Reality: Mapping a Response. January 23, 2024. Esri Blog. [Read more here.](#)

How 3 Indigenous women are leading the way on climate change. These experts bring knowledge and justice to the climate conversation. December 28, 2023. High Country News. [Rea more here.](#)

Black voters are more concerned about climate change than the national average, with implications for policy and messaging. Manann Donoghoe, Justin Lall, and Andre M. Perry. December 13, 2023. Brookings. [Read more here.](#)

Americans abandoning neighborhoods due to rising flood risk, study finds. By Saul Elbein. December 18, 2023. The Hill. [Read more here.](#)

El Niño shows us the true face of climate change. January 24, 2024. UW College of the Environment News. [Read more here.](#)

What climate scientists are predicting for the globe in 2024. January 2, 2024. Washington Post. [Read more here.](#)

Study: Climate migration will leave the elderly behind. Coastal populations will get older — and more fragile — as young people flee rising seas, according to new academic research. Jack Bittle. January 12, 2024. Grist. [Read more here.](#)

Understanding the Intersection of Climate Risk, Food System Resilience, and Racial Equity: A County-Level Data Tool. Launched by the Urban Institute, this pilot data tool is designed to give changemakers key data they need to demonstrate the intersections between climate risk, food systems, and racial equity and effectively target resources to communities that face the starkest challenges in climate risk and recovery. [Access here.](#)

Stories of Flood Resilience and Recovery with Flood Insurance. FEMA and the [National Flood Insurance Program \(NFIP\)](#) recently published three new success story videos. These videos document the real-life experiences of individuals who have recovered from major

flooding events in Missouri, Michigan and Washington. These videos, available in both English and Spanish, can be viewed through the [NFIP Resource Library](#) and [YouTube](#).

NOAA Land Cover Atlas. This online data viewer provides user-friendly access to coastal land cover and land cover change information. The tool summarizes general change trends (such as forest losses or new development) and provides tables, maps, and reports to enhance communication and decision-making. [View here.](#)

NOAA Ocean Podcast - Perspectives on Coastal Decision Making. In this episode, a panel of government experts share their unique perspectives and experiences regarding the science of coastal decision making, and how the future could look if effective decision making is adopted. [Listen here.](#)

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

Thousands of properties in Seattle are prone to landslides — here's how to protect your home. KING 5/Earth and Space Sciences. [Read more here.](#)

How Westport and its neighbors are leading the way on tsunami preparedness. January 19, 2024. The SeattleTimes. [Read more here.](#)

U.S. Department of Commerce Invests \$1.2 Million to Support Tribal Disaster Planning in Southwest Washington State. U.S. Secretary of Commerce Gina Raimondo announced the Department's Economic Development Administration (EDA) is awarding a \$1.2 million grant to the Shoalwater Bay Indian Tribe, Tokeland, Washington, to prepare local infrastructure for natural disasters. This grant will support the development of a Master Community Relocation Plan to move Tribal facilities away from potential natural disaster conditions and ensure the Tribe's economic stability. [Read the full announcement here.](#)

Cascadia Region Earthquake Workgroup (CREW) Ready to Recover Series new podcast. This podcast focuses on **disaster recovery challenges and solutions for small businesses**, including issues that are relevant for a wide audience — from disaster preparedness specialists and community planners, to insurance professionals and small-business owners. [Listen here.](#)

Japan's 2011 megaquake left a scar at the bottom of the sea — scientists finally explored it. National Geographic/Pacific Northwest Seismic Network. [Read more here.](#)

New USGS map shows where damaging earthquakes are most likely to occur in the U.S. The research-based map is the first to display an updated, comprehensive National Seismic Hazard Model for all 50 states. Read USGS News Release [here.](#) Read the full report [here.](#)

Most states could see earthquake damage in the next century. See those at most risk. Nearly three-quarters of U.S. states could experience damaging shaking from earthquakes in the next century. January 21, 2024. Washington Post. [Read more here.](#)

Senators call for changes to ‘inefficient’ disaster recovery funding program. December 18, 2023. Smart Cities Dive. [Read more here.](#)

FEMA disaster resilience loan program grows to \$150M this year. January 8, 2024. Smart Cities Dive. [Read more here.](#)

What could FEMA’s new disaster resilience zones mean for communities? January 16, 2024. Smart Cities Dive. [Read more here.](#)

Homeland Security and Emergency Management: Textbook Companion Website. This website, which is affiliated with Shoreline Risk and authors Damon Coppola, George Haddow and Jane Bullock, is a massive and regularly curated compendium of media, academic, government and other resources on emergency management and homeland security. [Explore here.](#)

American Society of Civil Engineers: ASCE Releases "Pathways to Resilient Communities:" A New Toolkit for Local Policymakers. This new resource is meant to act as a plain-language guide for federal, state and local leaders as they seek out standards, best practices, data, and strategies to implement to safeguard communities across the country from increasingly severe weather events. [Read more here.](#)

FEMA Reforms Disaster Assistance Program to Help Survivors Recover Faster. FEMA is reforming its federal assistance policies and expanding benefits for disaster survivors to cut red tape, provide funds faster and give people more flexibility. FEMA developed these new forms of assistance based on direct feedback from survivors and in response to threats the nation faces due to our changing climate. The changes will create more equitable outcomes for all communities by increasing accessibility and eligibility for post-disaster support. Learn more [here](#) and [here](#).

FEMA and American Red Cross Release New Prepare with Pedro Game for Children. FEMA and the American Red Cross are excited to announce the arrival of their new youth preparedness game, [Prepare with Pedro: An Adventure in Emergency Preparedness](#) and its companion piece, the [Super-Prepared Penguin Expansion Pack](#). These games are the latest addition to the [Prepare with Pedro](#) program, which provides free youth preparedness resources that teach children ages 5–10 how to prepare for and stay safe during disasters. You can download and print the [Prepare with Pedro: An Adventure in Emergency Preparedness game](#), the [Super-Prepared Penguin Expansion Pack](#) and [score sheet](#) at home. You can also order it for free from the [FEMA Warehouse](#). To explore more Prepare with Pedro resources, visit [Ready.gov](#)

Job, Scholarship, and Fellowship Opportunities

Oregon:

Oregon Coast STEM Hub Director. Full consideration date: February 1, 2024 (closing date: 03/01/2024). [Full position description and application information here.](#)

Oregon Sea Grant Project & Events Coordinator. Full consideration date: February 2, 2024 (closing date: 02/09/2024). [Full position description and application information here.](#)

Hatfield Visitor Center Coordinator. Full consideration date: February 5, 2024 (closing date: 03/01/2024). [Full position description and application information here.](#)

MSI-MACO Summer 2024 Internships - All applications due midnight Sunday, February 25, 2024 or until internship is filled. The Marine Studies Initiative/Marine and Coastal Opportunities office is pleased to offer a variety of internships every year, focusing on interdisciplinary topics of the ocean and coasts. These are 10 weeks in length, starting June 17, 2022, and ending August 23, 2024. Start and end dates may slightly vary, depending on the internship. View our 2024 Internships below and [learn more here.](#)

Washington:

LEON Environmental LLC. Multiple environmental consulting position open. [Apply here.](#)

Riparian Systems Technical Lead. Deadline: February 5, 2024. The Shorelands & Environmental Assistance (SEA) program within the Washington Department of Ecology is looking to fill a Riparian Systems Technical Lead (Environmental Specialist 5) position. [Apply here.](#)

Water Quality Management Unit Supervisor. Deadline: February 7, 2024. The Water Quality program within the Department of Ecology is looking to fill a Water Quality Management Unit Supervisor (WMS Band 1) position. This position is located in our Headquarters Office in Lacey, WA. [Apply here.](#)

California:

Project Manager/Conservancy Project Development Analyst II. Deadline: February 3, 2024. The State Coastal Conservancy is hiring a Conservancy Project Development Analyst II to assist with disbursing state funding and managing projects to acquire and protect natural and agricultural lands, restore, and enhance habitats and ecosystems, design and build trails and other recreational facilities, plan and implement climate adaptation projects, provide environmental education, and improve public access for historically underserved communities. [Apply here.](#)

Pacific Northwest/ Other:

Program Coordinator (Full Time Remote - US). The American Society of Adaptation Professionals ("ASAP"). ASAP is the premier professional association and social impact

network for the climate change adaptation and climate resilience community. The Program Coordinator will be an integral member of the ASAP Team with a critical role in enabling peer learning, collaboration, and capacity building for ASAP Members by supporting activities across ASAP's program areas. [Apply here](#).

Application period is now open for the [2025 Sea Grant Knauss Fellowship](#). **Deadline: February 15, 2024.** The fellowship provides a unique educational and professional experience to graduate students interested in ocean, coastal, and Great Lakes resources and the national policy decisions affecting those resources. The fellowship matches highly qualified graduate students with hosts in the legislative and executive branches of government located in the Washington, D.C. area for a one-year paid fellowship. Make sure to check out the [website](#) for prospective fellows for more details and valuable information.

Rising Voices Changing Coasts Summer Internship. **Deadline to Apply: February 16, 2024.** RVCC is recruiting Native students for a 8-week summer internship opportunity in which undergraduates and graduate students participate in understanding and addressing climate impacts in one of RVCC hub sites; Hawaii, Alaska, Louisiana, or Puerto Rico. Interns will receive stipends totaling \$3,840.00 and run from May 19 - July 2024. It involves four weeks at Haskell Indian Nations University, week and a half on site in Alaska, and two weeks at home finishing writing projects. For questions contact Paulette Blanchard, PhD at pblanchard@haskellfoundation.org. [Apply here](#).

Marine Research Associate IV (Coastal Resources Center). **Deadline to Apply: February 16, 2024.** University of Rhode Island is looking for a lead for the Coastal resources Center and RI Sea Grant extension team's coastal resilience portfolio. [Apply here](#).

Postdoc opportunity with the Northwest Climate Adaptation Science Center. **Applications accepted on a rolling basis.** The Northwest CASC is hiring a postdoctoral ORISE fellow with experience analyzing climate data. The fellow will be helping develop the next version of the Climate Change Vulnerability Index (CCVI), a tool used by state and other wildlife management partners to conduct climate change vulnerability assessments for species. The preferred position location is in Corvallis, Oregon, with the possibility of remote work. Learn more [here](#).

Northwest Climate Adaptation Science Center (NW CASC) Fellowship Program - The program is now accepting proposals from graduate students and postdocs for their 2024-2025 Research Fellowship Program, which supports research related to climate adaptation for Northwest natural and cultural resource management and provides training in developing decision-relevant science. **The deadline to submit proposals is March 11.** [Learn more and apply here](#). Join us for a **virtual info session** about our Research Fellowship Program and application process from **10-11 a.m., Feb. 8.** [Register here](#).

Quick Links

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

[Oregon Coastal Futures Project](#)

[Oregon Coastal Atlas](#)

[Oregon Coastal & Ocean Information Network](#)

[Washington Coastal Hazards Resilience Network](#)

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

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

[PNW Tribal Climate Change Network](#)



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