

Pacific Northwest Coastal Hazards Resources Newsletter

April 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, April 22nd, 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

The PNW Coastal Hazards Resources Newsletter is two years old! Thank you for reading our newsletter! We would love to get your feedback and know more about your reading experience. Please take our very short (**1-2 minutes**) [survey](#). We will share the results with you and incorporate your feedback into future newsletter editions.

New Geologic Hazards Clearinghouse Plan Released on Anniversary of the 2001

Nisqually Earthquake - 23 years ago, the magnitude 6.8 Nisqually earthquake shook the Pacific Northwest. People in Oregon, Washington, and British Columbia experienced shaking that in some places lasted over a minute. The earthquake caused as much as \$1–4 billion in property damage, and provided a stark reminder that Washington State is a geologically active place, and that everyone living in the Northwest should be ready for an earthquake. Read more [here](#).

Interior Announces \$120M to Support Tribal Climate Resilience. The Department of the Interior [announced](#) a new wave of more than \$120 million in funding for tribal climate resilience projects ranging from infrastructure reinforcement to relocation efforts. The money will support [146 projects](#) across 102 tribal communities and nine tribal organizations. It is the largest investment under the [Tribal Climate Awards Program](#), a competitive grant program aimed at building tribal climate resilience, since that program's inception in 2011. This year's funding more than doubles the \$110 million distributed over the last 13 years... Supported projects fell broadly into two applications: adaptation and relocation. Awards ranged from around \$98,000 for studying climate impacts on the Port Madison Reservation in Washington, to just over \$9.8 million for fortifying and restoring a watershed on the Lummi Reservation. Read more [here](#).

Upcoming Webinars, Meetings & Events

April 1, 2024- 5:00 pm PT - Taking Measure: How Earthquake Reconnaissance Has Evolved Over Fifty Years. Speaker: Dr. Judith Mitrani-Reiser, NIST. Cascadia Lifelines Program (CLiP) Webinar Series. Learn more and register [here](#).

April 4 - 9:00 - 10:00 am PT - Cascadia CoPes Hub / RCN Monthly Seminar Series. The Future of Coastal Monitoring Using Satellite Remote Sensing - Sean Vitousek (USGS). Register [Here](#).

Resilient Nation Partnership Network. Stories of Resilience: Voices that Inspire. Join the 2024 Partnership Forum as we use storytelling to discuss climate equity, migration, agriculture, and extreme heat. The virtual series will occur every **Thursday in April from 10:00 - 12:00 p.m. PT.**

- April 4 - "Rising Tides, Rising Divides: Climate and Equity in the Built Environment"
- April 11 - "Building Resilient Agriculture: Lessons from Island Communities"
- April 18 - "Extreme Heat: Reflecting on the Hottest Summer to Date"
- April 25 - "Tribal Migration: Adapting to Climate Hazards"

[Register here](#). Registration is open to all.

April 9, 2024. 10 am PT. U.S. National Science Foundation (NSF) and the Every Page Foundation (EPF) Ocean Decade Champions Panel Session. Attendees will learn about these women leaders' contributions to coastal resilience research, career paths, and projects under the NSF Coastlines and People Program, an endorsed Ocean Decade Action. One of the panelists is Dr. Jamie Donatuto, Community Environmental Health Analyst for the Swinomish Indian Tribal Community. Learn more [here](#). Watch the livestream [here](#).

April 9 - 10:00 - 11:00 am PT. Strengthening Hazard Mitigation in Under-Resourced Communities. Speaker: Rachel Riley, University of Oklahoma. Making Mitigation Work Webinar Series. Natural Hazards Center & Federal Emergency Management Agency. Learn more and register [here](#).

April 10 - 5:50-7:00 pm PT. Reconnecting Our Floodplains Through Aquatic Restoration: A Night for Curious Landowners. Tony Spitzack, Fish Biologist with the Bureau of Land Management. During this event, Tony Spitzack will delve into the historical context of our relationship with streams, the natural changes that occur over time, and the crucial need to reconnect floodplains. Asea landowners and community members are invited to attend. This event will be catered by Sorella Italian. Please [RSVP](#) using EventBrite. The event will take place at the Asea Public Library, 19192 Asea Hwy Asea, OR 97324. Click [here](#) for the Zoom registration.

April 13, 2024 - 10:00 am - 4:00 pm PT - Hatfield Marine Science Day. Newport, OR. Join us for our annual science fair and open house featuring marine science programs and scientists based at Hatfield. The event is free, family-friendly and ideal for lifelong learners. Everyone is welcome! Learn more [here](#).

April 16, 2024 - 7:30 pm PT - Ocean Cultures: Northwest Coast Ecosystems and Indigenous Management Systems. Northwest Aquatic & Marine Educators (NAME) Virtual Speaker Series. Learn more and register [here](#).

April 18, 2024 - 11:00 am PT - FEMA Third Thursday Tips Series. Throughout 2024, the FEMA Region 10 Individual and Community Preparedness Team is partnering with the Region

10 States (Alaska, Idaho, Oregon, and Washington) to cover the monthly themes that can help people 'Prepare in a Year'. April's theme is 'Grab & Go Kit. Register [here](#).

April 25 - 1:00 pm PT. CLIP: Bringing the Oregon Resilience Plan to Life. Speaker: Dr. Shane Brown. Cascadia Lifelines Program (CLiP) Webinar Series. Learn more and register [here](#).

April 27, 2024 from 10:00 am - 1:00 pm PT. Third annual EVCNB Food Can Tsunami. This is an Emergency Preparedness Drill and Food Drive sponsored by Emergency Volunteer Corps of Nehalem Bay (EVCNB) that also benefits the Food Banks in our communities. It's the time to review your GoBag contents, use Yellow Radio skills, and practice walking or driving the route to your evacuation site location. Learn more [here](#).

February 29 to May 9 - 12:00-1:00 pm PT. Upcoming Webinar Series: Incorporating Climate and Environmental Justice into Research and Resource Management. The National CASC is hosting a webinar series on how to integrate principles around climate and environmental justice into research and resource management. Speakers will share research and best practices of environmental and climate justice and will engage audiences in facilitated "coffee hours" where participants can learn from one another. Session 4: **April 11, 2024**, Regional-Scale EJ/CJ Work. Session 5: **April 25, 2024**, EJ Best Practices. Learn more and register [here](#).

Recorded Webinar - Inclusive Emergency Alerts: Recommendations for Language and Disability Access. Natural Hazards Center. Learn more and watch [here](#).

Recorded Forum - Policy Forum on Nature-based Solutions. The Network for Engineering with Nature and the National Academy of Sciences' Gulf Research Program hosted a Policy Forum on Nature-based Solutions on February 7-8, 2024. The event was free and open to the public, bringing together policymakers, regulators, practitioners, academics, and others involved in the funding, policymaking, design, and/or construction of nature-based solutions. Access [here](#).

Workshops & Training

NEW - OEM will be launching this Be 2 Weeks Ready program this June. The new program covers eight units on preparedness. Materials will be available for download from OEM's website and offered in six languages: English, Spanish, Chinese, Russian, Vietnamese and ASL. This program can be done individually or with a Community Host in the community. Community Hosts are determined by Program Coordinators.

Program Coordinator Trainings in April:

This half-day training is intended for anyone in an outreach or training capacity. All trainings will be held virtually via Zoom. In this training, participants will learn the components of the Be 2 Weeks Ready program, how to build their outreach program and to identify the Community Hosts who will assist in sharing this messaging.

- April 2: [Click here to register.](#)
- April 9: [Click here to register.](#)
- April 11: [Click here to register.](#)
- April 16: [Click here to register.](#)

Contact [Kayla Thompson](#), OEM Community Preparedness Coordinator, with any questions.

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

NEW - Week of September 9, 2024 - 2024 D4 Hack Week: Disasters, Demography, Disparities and Decisions. Complete your statement of interest [here](#), by April 15, 2024. Workshop hosted in-person with a remote participation option at the University of Washington (Seattle campus). This is a hands-on workshop intended to integrate environmental, demographic, health, and other societal impacts data and develop innovative new approaches and tools for analysis. Funding support, including travel, lodging, and related expenses will be provided.. Space will be limited. Program details can be found [here](#).

NEW - Risk & Resilience DAT/ARTATHON 2024. Applications due: April 15, 2024.

DAT/Artathon is a free, three-week virtual workshop that brings together individuals working to visualize and tell stories from risk and resilience data. The workshop will take place over six two-hour sessions from June 3 to June 20, 2024. Sessions will take place from 4-6pm US Pacific Time. Learn more and apply [here](#).

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

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](#).

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](#).

April 15-17, 2024. National Tribal Leaders Climate Change Summit (Muckleshoot Casino, Auburn, WA). The Summit will engage Tribal leaders, citizens, staff, youth and collaborators in conversation about navigating the cultural, economic, and social challenges of climate change. This year's theme, "Honoring Traditions, Shaping Futures", reflects our commitment to preserving cultural heritage and forging a sustainable future for future generations. [Learn more and register here](#).

NEW - April 23-25, 2024 - 8th annual Oregon Prepared Workshop. Oregon Department of Emergency Management. Sunriver, Oregon. [Learn more and register here](#).

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

NEW - May 1st - 3rd, 2024. Tribal Leaders Summit (TELS). Spirit Mountain Lodge, Grande Ronde, Oregon. Hosted by the Confederated Tribes of Grande Ronde. Learn more and register [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, MN. **Early bird registration is now open!** After April 8th, prices will increase. [Learn more here](#).

Call for Proposals for the 2024 Tribal Lands and Environment Forum. Deadline for submissions is Friday, May 17, 2024. We want you to share your stories, successes, and projects with all the attendees at this year's TLEF in Eugene, Oregon, August 12-15. We are now accepting proposals for the 2024 Tribal Lands and Environment Forum. Presentations this year will be for in-person presentations and on-demand (pre-recorded) content. We will not be allowing any virtual presenters. This will allow us to focus and better connect with each other when we are in Eugene and share and learn from each other through the recordings. Topics for presentations should be related to our primary media: waste management and minimization, brownfields, underground storage tanks, Superfund sites and federal facilities, and emergency

response. We also welcome proposals dealing with emerging contaminants, habitat restoration and climate change, emerging technologies, and indigenous justice in waste and response work. Be sure and visit nau.edu/tlef2024 often as we add more updates.

NEW - May 18th, 2024. Pacific County MRC Science Conference, at the Cranberry Museum in Long Beach, WA. Read more [here](#).

NEW - May 19- 24, 2024. Affiliated Tribes of Northwest Indians (ATNI) 2024 Midyear Convention. Seven Feathers Casino Resort, Canyonville, Oregon. Hosted by the Cow Creek Band of Umpqua Tribes of Indians. Learn more and register [here](#).

May 21, 2024 - 9:00 am - 4:40 pm PT. CHRN (Coastal Hazards Resilience Network) Annual Meeting. In person at WA Department of Ecology Headquarters, Lacey, WA. Reconvening to chart a path forward for equitable evolutions in coastal resilience. [Join the network](#) to stay updated. To ensure your spot at this event, kindly fill out the [registration form linked here](#) by April 30th.

June 2024. Native Youth Climate Adaptation Leadership Congress (NYCALC). Due: March 15, 2024. Join students from across the country to discuss community adaptation and related environmental issues impacting Native peoples. The Native Youth Climate Adaptation Leadership Congress (NYCALC) is held annually during the last week of June in Shepherdstown, West Virginia. Click [here](#) for more information on NYCALC. You can apply directly to the program [here](#) If you have questions, you can contact Coral Avery with any questions: coral.avery@bia.gov.

NEW - June 4-6, 2024. Capitol Hill Ocean Week. CHOW, convened by the National Marine Sanctuary Foundation, is a multi-day conference that convenes policymakers, scientists, managers, business leaders, conservationists, educators, students, and members of the public to engage in dialogue and debate on significant issues that impact our ocean and Great Lakes and to propose innovative policies and partnerships to address these issues. CHOW 2024 is open to the public and free to attendees. Learn more and register [here](#).

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

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

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

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

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

August 11-16, 2024. Changing Currents: Tribal Water Summit. North Bend, Oregon. Changing Current Water summits are inter-tribal convenings designed to bring together staff

and leadership from Northwest Tribes and Native communities to foster dialogue & collaboration around common water interests and work toward a shared agenda. Learn more [here](#).

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

Funding Opportunities

NEW - Puget Sound RAFT – Recovery Acceleration Funding Tool. Puget Sound RAFT – Recovery Acceleration Funding Tool is now available, centralizing details on numerous funding opportunities for Puget Sound ecosystem and salmon recovery. For more information, visit [here](#) and [here](#).

America's Ecosystem Restoration Initiative: America the Beautiful Challenge 2024 Request for Proposals. Deadline for Pre-Proposals. April 4, 2024. The National Fish and Wildlife Foundation (NFWF), is releasing the America the Beautiful Challenge (ATBC) 2024 Request for Proposals (RFP). The ATBC vision is to streamline grant funding opportunities for new voluntary conservation and restoration projects throughout the United States. Learn more [here](#).

National Fish and Wildlife Foundation and NOAA Release RFP for National Coastal Resilience Fund. Pre-proposals are due Wednesday April 10, 2024. Funded projects will restore, increase, and strengthen natural infrastructure—the landscapes that help absorb the impacts of storms and floods—to ultimately protect coastal communities and enhance fish and wildlife habitat. This year, the fund will invest approximately \$140 million in projects. The complete request for proposals can be found [here](#).

NEW - Request for Proposals: Supporting Natural Climate Solutions in the Pacific Northwest. Letters of Intent Due: April 12, 2024. At a time when climate change mitigation is imperative, the Paul G Allen Family Foundation is seeking projects that implement Natural Climate Solutions (NCS) in the Pacific Northwest (Oregon, Washington, Idaho, British Columbia, and Alaska). More information can be found [here](#).

NEW - Coastal Quest - Small Grants Opportunity for Coastal Nature-Based Solutions. Deadline: April 16, 2024. If you are a community-based or non-profit organization, tribal or indigenous group, or local community leader based in or serving the Pacific Region, this opportunity is for you! Complete a simple application to apply for small grant funding and technical assistance to help you accelerate multi-benefit coastal nature-based solutions in your community. Learn more [here](#).

NEW - Oregon Department of Human Services. Resilience Hubs and Networks Grant.

Deadline: April 30, 2024. Help is available to improve your community's resilience. The Resilience Hubs and Networks Grant is intended to support:

- Places where people come together daily to share resources, support one another and can find resources during an emergency.
- Local networks of people and groups that help strengthen their communities.

Learn more and apply [here](#).

NEW - EPA - Coastal Ecosystems Climate Resilience - Request for Applications. Deadline: May 1, 2024. Learn more and apply [here](#).

NEW - The Habitat Strategic Initiative Lead (HSIL) just released two new RFPs **due on May 22**. One RFP is focused on up to 2-year projects supporting Capacity and Workforce Development in Puget Sound. The other RFP focuses on addressing Puget Sound kelp or eelgrass knowledge gaps by funding research, synthesis, and analysis to support future evaluation and development of management tools, policy, and guidance. Learn more and apply [here](#).

NEW - The 2024 Bullitt Prize. Deadline to Apply: June 1, 2024. The 2024 Bullitt Prize application is now officially open – and will remain open through June 1, 2024. Are you a conservation and environmental justice leader working on a project or action to address a conservation or environmental justice issue in the Pacific Northwest? The Prize is awarded annually based on the following eligibility: an individual or collaborative group, from an underrepresented group, from Washington State or the Pacific Northwest region if their work impacts Washington, are 35 years or younger and have demonstrated academic, professional, or grassroots leadership that advances the environmental movement. The Prize consists of \$100,000, split over two years (\$50,000 in year one, and the remaining \$50,000 in the second year). Learn more [here](#).

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

Oregon Sea Grant Coastal Arts Support Pilot Program ([PDF](#)). Application period: rolling basis from July 2023 through June 2024. This opportunity aims to advance a broader understanding and engagement with Oregon's coastal and marine ecosystems by supporting innovative art projects that align with the [Oregon Sea Grant Strategic Plan and our vision](#).

[mission, and values](#). You can find more information on the [OSG Special Requests webpage](#). Click [here](#) to access the Coastal Arts Support Pilot Program Request for Applications.

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

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

Highlighted Media, Publications, and Online Resources

[Hazards Around the Nation:](#)

Artists and Community Organizations Work Together to Communicate Climate Risks in New Jersey. Four New Jersey community-based organizations (CBOs) recently received funding to work with regional artists to develop community-engaged art projects that communicate climate risks to the public. Read more [here](#).

US town's \$565,000 sand dune project washed away in days. BBC. March 14, 2024. [Read more here](#).

Flood Inundation Mapping and Alert Network (FIMAN). This website provides real-time data on stream elevation, rainfall and weather parameters from over 550 gages across North Carolina. Access [here](#).

It's time for Northeast to prep for floods like those that hit this winter. Climate change is why. AP News. Read more [here](#).

Coastal Equity and Resilience Hub. Working to help coastal communities build resilience to climate change. Coastal flooding, extreme heat, and other climate hazards are growing threats to communities throughout Georgia's coast. Learn more [here](#).

In Florida, Skyrocketing Insurance Rates Test Resolve of Homeowners in Risky Areas. Inside Climate News. March 6, 2024. Read more [here](#).

Residents in Low-Lying Pinellas Mobile Home Park Told to Elevate or Leave. Tampa Bay Times. March 7, 2024. Read more [here](#).

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

Climate Impacts Group, Partners Release Fourth PNW Water Year Assessment. UW, March 13, 2024. Read more [here](#).

Reflections from the Shoalwater Bay Indian Tribe Partnership Gathering. By Chandler Countryman. WA Sea Grant Blog. February 15, 2024. Read more [here](#).

Accelerating coastal erosion forces removal of some Kalaloch cabins. National Park Service. March 11, 2024. Read more [here](#).

Olympic National Park cabins demolished before they fall into Pacific Ocean. By John Ryan. KUOW. March 12, 2024. Read more [here](#).

USGS CoSMoS Washington. The first USGS CoSMoS results for Washington State (specifically for Whatcom County, WA) are out and available for interaction [here](#). If you are unfamiliar with CoSMoS you can learn more about what it is, and plans for roll out in Washington [here](#).

Dune: The 'terraformed' Oregon dunes that inspired Frank Herbert's sci-fi epic. By Nathaniel Sharping. BBC. March 2, 2024. Read more [here](#).

At Oregon State, shifting sands were a research focus long before 'Dune' movie craze. By Steve Lundeberg. Oregon State University. March 21, 2024. Read more [here](#).

Dunes aren't just big piles of sand. Here's why Earth needs them. Washington Post. Like many beaches around the world, the vast sandy ecosystem that stretches along Oregon's central coastline is threatened by sea level rise and more powerful storms. Read more [here](#).

Centering equity, reconciliation and community in coastal adaptation. Seattle Daily Journal of Commerce. March 28, 2024. Coastal adaptation can have far-reaching benefits for communities, prompting critical evaluation of design and planning processes, and leading to important shifts in the systems that shape the built environment. Read more [here](#).

Impact of climate change on Indigenous Peoples. An interview with Amelia Marchand: "I continue this good work for those yet to come". Illuminem. March 6, 2024. Read more [here](#).

Oregon State University receives federal funding to boost Oregon's wildfire smoke resiliency. By Ryan Bonham. March 21, 2024. Read more [here](#).

Lincoln County Long-Term Recovery Group. Coordinating resources and services to support the resilience of local residents impacted by disaster in Lincoln County, Oregon. Learn more [here](#).

Confronting the Wildfire Crisis Video Series. The Forest Service, together with tribes and partners, developed a Wildfire Crisis Strategy to focus on strategic fuels and forest health treatments at the scale of the problem, using the best available knowledge and science as the guide. Watch [here](#).

Sinking Coastal Lands Will Exacerbate the Flooding from Sea Level Rise in 24 US Cities, New Research Shows. Inside Climate News. Read more [here](#).

Climate Change Likely to Drive More Floods in Some Parts of the U.S., Fewer in Others. Researchers at Princeton have found that projected variations in temperature and precipitation are expected to drive increased flooding in the Northeast and Southeast, particularly along the Eastern Seaboard. Flooding will generally decrease in the Southwest and the Northern Great Plains. Read more [here](#).

Cities Are Sinking, and It's Making Them More Vulnerable to Climate Change. The Verge. March 6, 2024. Researchers looked at 32 major cities along the US shoreline, and forecasted future flooding with climate change. In a worst-case scenario without adequate flood defenses, up to one in 50 people and one in 35 properties in those cities could face flooding during high tide by 2050. Read more [here](#).

The world is not moving fast enough on climate change — social sciences can help explain why. The Conversation. March 10, 2024. Read more [here](#).

Practitioner Exchange for Effective Response to Sea Level Rise. PEERS is the first global collaborative led by practitioners working across boundaries to proactively address the risks of sea level rise and related coastal hazards. Learn more and join [here](#).

Lead with Listening: A Guidebook for Community Conversations on Climate Migration. Climigration Network. Available in Spanish and English. The Climigration Network brings together people with lived and learned expertise to advance transformative, community-led approaches to climate displacement and relocation in the US and its territories. Learn more and download the guidebook [here](#).

Trends in US public confidence in science and opportunities for progress. Lupia et al. (2024). PNAS. This research “found that U.S. public confidence in science, the scientific community, and leaders of scientific communities is high relative to other civic, cultural, and governmental institutions for which researchers regularly collect such data.” Read more [here](#).

ASFPM Releases Strategic Planning Guide for State Floodplain Management Programs. An updated and expanded version of the 2010 edition, this resource is intended for those who

make policy decisions and set priorities for state floodplain programs. It can help states align their floodplain management programs with community needs and the 10 guiding principles for effective state floodplain management programs as well as FEMA's Tiered State Framework characteristics. Learn more [here](#).

GAO Makes Recommendations for Enhancing Resilience of Flood Risk Management Infrastructure. With more frequent extreme weather events and rising sea levels associated with climate change putting the nation's flood management infrastructure at risk, the Government Accountability Office (GAO) was asked to review the climate resilience of the federally funded flood risk management infrastructure. Read more [here](#).

New Handout Available for ISAA, Repetitive Loss Data. A new NFIP-CRS handout is available to assist communities in accessing repetitive loss and severe repetitive loss data. The handout describes the steps communities and FEMA need to take to establish an Information Sharing Access Agreement (ISAA), which allows FEMA to share these data with a community. ISAAs are good for three years and communities may request NFIP data anytime within that window. Download the handout [here](#).

National Levee Safety Program to Issue New Guidelines. The National Levee Safety Program, a joint program between USACE and FEMA, released the draft first edition of the National Levee Safety Guidelines. These guidelines, developed with stakeholder input, are intended to serve as a resource of best practices to help achieve nationwide consistency in improving the reliability of levees and resilience of communities behind levees throughout the United States. Read more [here](#).

Climate Nexus's Water Hub Launches "Just Infrastructure" Initiative. Just Infrastructure is the goal of groups across the U.S. working to bring billions of federal dollars to the neighborhoods we live in and to the wild spaces that sustain us. Just Infrastructure celebrates projects taking root, and offers artwork, social media content, fact sheets, and message guides to encourage just implementation of these funds. Learn more [here](#).

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

After 2014 Oso landslide, what did we learn about preventing disaster? The Seattle Times. March 17, 2024. Read more [here](#).

FEMA's National Risk Index overlooks Washington's major disaster threat. Brian MacMillan. Fox13 Seattle. March 14, 2024. Read more [here](#).

Recipe for disaster: Oregon Coast group puts a twist on emergency food preparedness. Oregon Public Broadcasting, March 2, 2024. Read more [here](#).

"Top Chef" Cooking Contest was a HUGE Success. Emergency Volunteer Corps of Nehalem Bay. Read more [here](#).

Partnership educates Clatsop County Hispanic-Latinx residents about natural hazards. Oregon State University. Read more [here](#).

Extension responds to inequities with emergency preparedness events for Lincoln County's Latino and Mesoamerican Indigenous residents. Oregon State University. Read more [here](#).

Compiled onshore and offshore paleoseismic data along the Cascadia Subduction zone. USGS. Learn more [here](#).

Op-Ed: Why We Need to Fix Disaster Insurance Markets this Year and How to Do It. Earth.org. What is needed sounds easy: stronger building codes, zoning, and permitting that requires consideration of climate risk, retreat from the highest risk areas, expanded investments in green and gray protective infrastructure, home hardening, and commitments to resilient landscapes. But in practice, it is hard. Read more [here](#).

State Fiscal Debates to Watch in 2024: Natural Disaster Risk. The U.S. set a new record for billion-dollar climate disasters in 2023. State budgets are increasingly shouldering the costs of more frequent and expensive weather events, and although 46 states have a disaster spending account, most don't have a consistent strategy for funding it. Read more [here](#).

Can Funding Counties Directly Help Them Overcome Their Biggest Problems? Federal funds are most effective if they come directly to counties, empowering them to use them according to their understanding of local conditions. That argument from the National Association of Counties (NACo) is a key takeaway from a recent report. Read more [here](#).

Communities hoping to build disaster resilience request record \$8B in FEMA grants. Smart Cities Dive. March 21, 2024. Read more [here](#).

FEMA Reforms Disaster Assistance to Help Survivors. To help survivors recover faster, FEMA will make significant updates to its Individual Assistance Program. Read the one-pager [here](#).

FEMA Makes Strides in Building Safety with the Release of FEMA P-2343, Improving Building Performance in Very High Seismic Regions. FEMA Access the report [here](#).

FEMA New Release: Children's Building Codes Activity Sheet – Winter Edition. Read more [here](#).

The 2024 Building Codes Adoption Tracking (BCAT) Regional Reports are available now! The BCAT Reports show an annual percentage of communities adopting natural hazard-resistant building codes in high-risk flood, damaging wind, hurricane wind, tornado and seismic areas. Read more [here](#). Report for FEMA Region 10 available [here](#).

Module 5 of the Building Code Video Series Released. FEMA Building Science recently released Building Codes Video Series Module 5: Tracking Building Code Adoption Tracking Nationwide – a YouTube video providing more information on BCAT. Access the 4-minute long video [here](#).

Tsunami Maritime Guidance. A Resource for Tsunami Hazard Planning and Preparedness for Maritime Communities. The National Tsunami Hazard Mitigation Program. Read more [here](#).

Job, Scholarship, and Fellowship Opportunities

[Oregon:](#)

NEW - Marine Debris Project Assistant - Oregon Sea Grant - Applications due: April 12, 2024. We are currently seeking a student to work with Oregon Sea Grant educators and researchers to assist with marine debris related projects, including outreach and education events, and activities associated with a marine debris research project to determine if filters in washing machines significantly reduce microfibers in coastal waterways. We hope to have the student start mid to late May and work through the summer. We anticipate an average of 30 hours a week. The majority of the work will be done at the coast but some work can be accomplished remotely and some will occur on weekends. Link to the full job description [here](#).

NEW - Oregon State University Extension Internships. Applications due: April 15, 2024. Our internship program provides a meaningful service-learning experience in one of OSU Extension's 36 county locations. Interns will benefit from this unique internship environment and will grow from the mentoring offered by Extension staff and as they learn from the communities they serve. Students from any school are eligible. These interns can be high school or college students and they are PAID positions for up to 10 weeks this summer. Learn more and apply [here](#).

NEW - Oregon State University, Hatfield Artist-in-Residency program. Applications due: April 15, 2024. This program aims to foster cross-disciplinary collaboration and create a platform for exploring environmental themes through artistic expression. Artists accepted into the program gain access to the studio and exhibition space in the Gladys Valley Marine Studies Building, a \$500 monthly stipend, and unique opportunities to build interdisciplinary collaborations with marine researchers, educators and students. You can find full details and a link to apply online [here](#).

[Washington:](#)

NEW - HR and equity manager - Washington Sea Grant. Open until filled. This role will support and manage our growing team and ensure a welcoming, inclusive environment for all staff. [Apply here](#).

NEW - WA Applied sustainability Intern - Washington Sea Grant. The Washington Applied Sustainability Internship (WASI) program is an undergraduate summer internship program designed to link dedicated engineering, chemistry, sustainability and environmental sciences students with business and industry in Washington. **Applications due: April 19th.** [Apply here.](#)

NEW - Washington Sea Grant Hershman Fellowship. The Washington Sea Grant Hershman Fellowship offers a unique educational opportunity for soon-to-graduate or recently finished graduate students engaged in studies pertaining to ocean and coastal policy issues. **Applications open April 8 2024, closes May 10 2024.** [Apply here.](#)

NEW - Washington Sea Grant Keystone Fellowship. The Keystone Fellowship is an exciting opportunity for recent master's or doctoral students in ocean, coastal or policy studies to collaborate on science and policy initiatives, prioritizing environmental justice, equity, and inclusion in their work. The WSG Fellowships Team will be available to discuss the fellowship and answer questions during several virtual drop-in office hours. Learn more [here.](#) **Applications are open April 1, 2-24, closes by 5 p.m. Friday May 17, 2024** and must be submitted [here.](#)

NEW - PhD Intern - Earth Systems Predictability and Resiliency. Pacific Northwest National Laboratory. **Applications due: April 3 2024.** Our research focuses on understanding and mitigating operational risks at the interface of human and natural environments. This includes predicting the impacts of natural hazards and extreme climate events on Earth and human systems, along with the impacts of wildfire, flooding, sea level rise and storm surges. [Apply here](#)

NEW - Chemical Tracer Analyst - Ocean Associates Inc. (OAI) is seeking an applicant to provide Chemical Tracer Analysis support to the National Oceanic and Atmospheric Administration (NOAA), National Marine Fisheries Service (NMFS), Northwest Fisheries Science Center (NWFSC) in Seattle, WA. Read more and apply [here.](#)

NEW - Artist-at-Sea Program Manager - Schmidt Ocean Institute. Seattle, WA. The Artist-at-Sea Program Manager will identify artists, be responsible for art residencies aboard research vessel Falkor (too), design, curate, and implement gallery shows and exhibits, including installation, and seek new opportunities for the Artist-at-Sea Collection. The Program Manager will work in collaboration with the Schmidt Ocean Institute communications programs, and report to the Director of Communications. Learn more and apply [here.](#)

NEW - Deputy IT Manager - Schmidt Ocean Institute. Seattle, WA. The Schmidt Ocean Institute's (SOI) Deputy IT Manager supports the information technology (IT) needs of the Institute, which includes the operation of the global-class research vessel Falkor (too). This position involves the secure installation, management, and troubleshooting of IT infrastructure and equipment that belongs to the Institute, as well as assisting and integrating equipment brought aboard the vessel that belongs to visiting scientists. Learn more and apply [here.](#)

NEW - General Manager with the Nooksack Indian Tribe. Learn more and apply [here.](#)

Pacific Northwest/ Other:

NEW - Senior Coastal Resilience Product Development Specialist - CSS Inc. Beaufort, NC. Join an interdisciplinary research team of contract and federal employees. We are seeking a qualified individual to develop science communication products focused on impacts from coastal inundation, vulnerability, and resilience. The position will work on projects related to sharing data on coastal/climate impacts including sea-level rise, inundation, social and economic vulnerability, and habitat change. 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](#)



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