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Strategic Alliance for Risk Reduction
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News from Region 10

Oregon Resilience Meetings

FEMA is supporting two Resilience meetings in Oregon – the first on April 4th in Tillamook County and the second on May 10th in the Upper Rogue Watershed/Jackson County. The Resilience Meeting is the last meeting in the Risk MAP lifecycle and it brings together federal, state, and local stakeholders to identify actions to reduce risks to natural hazards in the community. At a Resilience meeting, attendees utilize existing information, risk assessments, and local capability assessments, to identify and/or refine mitigation strategies while workshopping these ideas with the state and federal expertise in the room. Oregon State Partners DLCDC and OPDR have worked together to create a Resilience meeting agenda that, in addition to delivering the final phase of Risk MAP, allows participating communities to make progress on their hazard mitigation plan update.

If you would like more information about these meetings please contact Cynthia.McCoy@fema.dhs.gov.

ESA Puget Sound Webinar

FEMA Region 10 and STARR II have produced a recorded webinar on compliance with the NFIP and the Puget Sound Biological Opinion. This webinar is specifically for “Door 3” (permit-by-permit) communities who are working to ensure compliance with the Endangered Species Act (ESA) through the review of habitat assessments for development in the Special Flood Hazard Area.

The webinar is presented by Scott Van Hoff and Justin Craven, both with FEMA Region 10, and is available now at youtu.be/2lPcNmsqtE4.

For more about the ESA, visit www.fema.gov/national-flood-insurance-program-endangered-species-act.

Newport Creates Tsunami Safety Refuge



South stairway to Safe Haven

Residents and visitors to the coastal community of Newport, Oregon, are relieved to have a nearby refuge that can keep them safe from the destructive power of a tsunami. Improved access to Safe Haven Hill, which sits 80 feet above sea level, will help facilitate a rapid evacuation from the low-lying South Beach and harbor areas of Newport.

The new stairs, pathways and trails will accommodate large numbers of people with varying physical capacities. As part of the project, the summit area was cleared to provide space for at least 2,500 people. New solar-powered and battery-backup lighting will help people

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RiskMAP
Increasing Resilience Together

Newport (cont.)

reach safety if an earthquake and tsunami should occur during the night. Emergency supplies stored at the summit will make it possible for a large number of people to be able to remain for the estimated 24 hours until it is safe to move to other locations away from the coast.

The improvements at Safe Haven Hill are a great example of how federal, state and local agencies are working in cooperation with their communities to make investments in hazard mitigation. Taking action before a disaster strikes has tremendous potential to save lives and reduce and sometimes eliminate damage to property and the environment.

More information is available from FEMA Hazard Mitigation Assistance: www.fema.gov/hazard-mitigation-assistance, and the Oregon Office of Emergency Management: www.oregon.gov/OMD/OEM/

NORFMA News

HEC-RAS 1D and 2D Workshops

NORFMA is offering three workshops in early May, providing training for water resources professionals to use the HEC-RAS (Hydrologic Engineering Center River Analysis System) for modeling steady and unsteady flow applications. These workshops are taking place in Oregon, Western Washington, and Eastern Washington. To meet various training needs, both 1D and 2D workshops are available. Courses are intended for engineers, scientists and planners in water resources working for local, state and federal agencies and consulting firms. Participants will gain hands-on HEC-RAS experience by participating in

practical computer workshops, learning from "real world" project examples.

For location and registration information, visit www.norfma.org.

Hazus 4.0 Release

On March 20, 2017, the Hazus Team deployed the Hazus Tsunami Module as part of the Hazus 4.0 release. The software can be downloaded for free on the FEMA Flood Map Service Center (MSC) [Hazus Download page](#).

The Tsunami Module represents the first new disaster module for the Hazus software in almost 15 years and is the culmination of work completed on the Hazus Tsunami Methodology Development (FEMA, 2013) by a team of tsunami experts, engineers, modelers, emergency planners, economists, social scientists, geographic information system (GIS) analysts, and software developers. A Tsunami Oversight Committee provided technical direction and review of the methodology development.

The release includes several key highlights:

- Territory Analysis
- New Point Format
- Case Studies
- Two Types of Damage Analysis

To see a full list of changes with this version of Hazus, please read the User Release Notes that are available with the download package of the software. We recommend users do this prior to running Hazus 4.0.

For more information, visit the [Hazus Modernization page](#). The Hazus Outreach Team can be reached via email at hazus-outreach@riskmapcds.com.

Featured Training

Mitigation Planning Coffee Break Series: Developing FEMA Mitigation Planning Grants

April 21, 2017
10am-11am

Did you know that FEMA provides planning grants to develop or update your natural hazard mitigation plan? Of course you did. But did you know that the same planning grants can be used to integrate your mitigation plan into local comprehensive plans, create a stand-alone risk assessment, or develop specific mitigation planning training? This may be new to you.

Join us as you learn about FEMA planning grants offered through the Hazard Mitigation Assistance program, best practices in developing a planning grant scope of work, fundable planning activities, and the processes to develop and apply for a FEMA planning grant, whether through the Hazard Mitigation Grant Program (HMGP) or Pre-Disaster Mitigation (PDM) grant program.

Guest Speakers for April

- Steven Randolph, FEMA Region 10 Hazard Mitigation Assistance Senior Specialist
- Angie Lane, Oregon State Hazard Mitigation Officer
- Susan Cleverley, Idaho State Hazard Mitigation Officer

CECs available for ASFPM CFMs. Registration is free, and required. Visit <http://j.mp/starronlinetraining>.

Remember, your registration is unique to you. Don't share it. Encourage others to individually register.

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Mitigation Planning Coffee Break Portal

Past monthly webinars, future online training, resources, and upcoming in-person training are located at http://www.starr-team.com/starr/RegionalWorkspaces/RegionX/mitigationplanning/SitePages/2017_Coffee_Break.aspx

About the Coffee Break Webinar Series

Each month we spend one hour discussing a different mitigation planning topic. We provide best practices, highlight work from Region 10 tribes, states, and cities, and have guest speakers share their experience with mitigation plans and mitigation planning.

Ask the Help Desk

The FEMA Region 10 Service Center is here to help local community officials and stakeholders with technical, training, mitigation, and mapping questions. Send your questions to RegionXHelpDesk@starr-team.com. RXNewsletter@starr-team.com.

Month	Topic	Recording	Materials
January	Introduction to Natural Hazards Mitigation Planning	January Recording	January Materials
February	Building the Mitigation Planning Team	February Recording	February Materials
March	Effective Public Engagement in Mitigation Planning	March Recording	March Materials

Simpson Strong-Tie Workshops

Back to Basics Workshop (Connectors, Fasteners, Anchor & Lateral System Review)

April 11, 2017 – Sequim, WA
 April 13, 2017 – Seattle, WA
 April 18, 2017 – Kent, WA

This free workshop is focused on providing practical and relevant information pertaining to proper connections and uses of Simpson Strong-Tie products for continuous load path.

Post Installed Concrete Anchorage/Concrete, Steel Repair & Restoration Workshop

April 12, 2017 – Sequim, WA

This free four hour workshop delivers information about our combined Concrete, Steel Repair and Restoration (Repair, Protect, and Strengthen) & Post Installed Concrete Anchorage products, their detailed uses, descriptions, and availability.

To register for these workshops or to find more course listings, please visit www.strongtie.com/workshops.

Mitigation Planning Workshops

May 10-11, 2017
 Lewiston, Idaho

Hosted by the Nez Perce Tribe and FEMA Region 10, this in-person, two-day workshop covers the fundamentals for communities to develop new or updated tribal or local mitigation plans that address community priorities and meet requirements established in 44 CFR §201.6 & §201.7. Participants will learn the planning process, how to engage stakeholders, assess risks and develop effective mitigation strategies. Finally, the basic elements of the plan review, approval, and update cycle are discussed, including tips for implementing and maintaining an approved plan, tracking performance, keeping stakeholders involved, and preventing plans from lapsing or expiring.

[Download course announcement.](#)

Contact Lisa.Davis2@fema.dhs.gov to register.

June 21-22, 2017
 The Dalles, Oregon

This in-person, two-day workshop is hosted by the Oregon Office of Emergency Management and covers the fundamentals of the mitigation planning requirements for communities to develop new or updated local, tribal, or special districts natural hazards mitigation plans that address community priorities and needs as well as meet the requirements established in 44 CFR §201.6 & §201.7.

This workshop describes the planning process, requirements for stakeholder involvement, assessing risks, and developing effective mitigation strategies. It includes the basic elements of the plan review, approval, and update cycle, tips for implementing and maintaining an approved plan, tracking performance, keeping stakeholders involved, and preventing plans from lapsing or expiring.

[Download course announcement.](#)

Contact James.Adams@mil.state.or.us to register.



Online Training

(All times Pacific)

Elevation Certificates

April 12, 10 am
Online – 2 CEC

Tools for Determining BFE

April 13, 10 am
Online – 1 CEC

The Role of the Community CRS Coordinator

April 18, 10 am
Online – 1 CEC

CRS: Repetitive Loss Properties

April 19, 10 am
Online – 1 CEC

Developing FEMA Mitigation Planning Grants

April 21, 10 am
Online – 1 CEC

Introduction to CRS

May 16, 10 am
Online – 1 CEC

CRS and Coastal Hazards

May 17, 10 am
Online – 1 CEC

CRS: Preparing for a Verification Visit

June 20, 10 am
Online – 1 CEC

CRS: Developing Outreach Projects

June 21, 10 am
Online – 1 CEC

Floodplain Development Permit Review

June 22, 9 am
Online – 1 CEC

Inspecting Floodplain Development

June 22, 10:30 am
Online – 1 CEC

To register for online courses, visit STARR's training site online at j.mp/starronlinetraining, or email RXTraining@starr-team.com.

