

## Inside this Issue

- 1** Shake Simulator and Tsunami Walk
- 2** NFHL Geospatial Updates
- 2** Mitigation Planning Workshop
- 2** NORFMA News
- 3** Online Training Calendar

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# News from Region 10

## Shake Simulator and Tsunami Walk

After conducting Discovery in Cordova, AK FEMA became aware of the City’s desire to better understand its risk of tsunami. FEMA and the State of Alaska (DCRA, DHS&EM, and DNR) partnered to produce and publish tsunami inundation maps for 13 different earthquake-generated tsunami scenarios. Based on these scenarios, a “worst case” tsunami inundation hazard map was developed for the City. FEMA used the worst case scenario to conduct a risk assessment and identify vulnerable infrastructure and properties for future mitigation projects.

While presenting the results of this risk assessment during the webinar-based Risk MAP Resilience Meeting, Cordova identified that it could further use this information to develop tsunami evacuation routes (Risk MAP Metric 1: Action Identified). FEMA, its community engagement and risk communication contractor, and Alaska DHS&EM partnered to develop these maps, resulting in an updated State Tsunami Evacuation Map template with tsunami messaging and new tsunami maps and brochures that identify evacuation routes and safe areas for Cordova in both English and Tagalog (Risk MAP Metric 2: Action Advanced).

Cordova asked for outreach assistance when FEMA delivered the Evacuation Maps. FEMA shared its experience with the Race



the Wave event in Cannon Beach, Oregon and Cordova was excited about the idea.

Cordova has an annual summer event called the “Copper River Wild! Salmon Festival” featuring various distance running events and a food and music festival. This is the biggest event in Cordova and is well attended. Cordova Emergency Management hosted the children’s run/walk with a theme on tsunami preparedness. Children sat in the earthquake simulator, provided and operated by Alaska DHS&EM, to experience and learn about an earthquake. They then walked up the hill, following tsunami evacuation signs. Along the route, there were two stations, a simulated “school”, which is where Cordova would evacuate during a real event, and a reading station, where children were reading books about earthquakes and tsunamis. Upon completion, participants were given emergency-kit type prizes and official tsunami evacuation route maps.

FEMA attended this event July 15-16th to support messaging, fun run logistics, and public outreach at the event booth and race course.

## 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](mailto:RegionXHelpDesk@starr-team.com).

## NFHL Geospatial Updates

Several geospatial links, including the link to the NFHL, have been updated. The use of the “https” links is now required by FEMA, therefore the “http” links will no longer function. Users will need to update the NFHL in all mapping applications including GeoPlatform maps. The new NFHL URL will also need to be added to ArcGIS desktop, Pro, and other related software. The following are the updated links (the WMS and WFS URLs are for use in GIS Applications):

- Information on GIS Web Services:  
<https://hazards.fema.gov/femaportal/wps/portal/NFHLWMS>
- GeoPlatform Map:  
<https://arcg.is/0WHLv0>
- NFHL REST Service:  
<https://hazards.fema.gov/gis/nfhl/rest/services/public/NFHL/MapServer>
- NFHL WMS Service:  
<https://hazards.fema.gov/gis/nfhl/rest/services/public/NFHLWMS/MapServer>
- NFHL WFS Service:  
<https://hazards.fema.gov/gis/nfhl/services/public/NFHL/MapServer/WFSServer>

In order to stay compliant with federal security standards, and with new “https” updates, Google Earth™ version 7.3 or higher will need to be utilized. The new .kmz file will need to be downloaded when updating to

Google Earth™ version 7.3 or higher. You can access Google Earth™ here:  
<https://hazards.fema.gov/femaportal/wps/portal/NFHLWMSkmzdownload>

FEMA has integrated the preliminary/pending data into a GeoPlatform map. Separate preliminary and pending maps can now be accessed using the GeoPlatform. This does not include any data that does not match the standard database schema. The links are located below.

- Preliminary REST Service:  
[https://hazards.fema.gov/gis/nfhl/rest/services/PrelimPending/Prelim\\_NFHL/MapServer](https://hazards.fema.gov/gis/nfhl/rest/services/PrelimPending/Prelim_NFHL/MapServer)
- Pending REST Service:  
[https://hazards.fema.gov/gis/nfhl/rest/services/PrelimPending/Pending\\_NFHL/MapServer](https://hazards.fema.gov/gis/nfhl/rest/services/PrelimPending/Pending_NFHL/MapServer)

*For more information or if you have questions please contact the FEMA Region Service Center Helpdesk at [RegionXHelpDesk@starr-team.com](mailto:RegionXHelpDesk@starr-team.com).*

## Mitigation Planning Workshop

**G-318: Mitigation Planning Workshop**  
November 1-2, 2017  
Camp Murray, Washington

FEMA Region 10 will host the free G-318: Mitigation Planning Workshop at the Washington Emergency Management Department’s training facilities at Camp Murray. FEMA encourages tribes and local jurisdictions to sign up if they need a refresher on mitigation planning or are completing a first time mitigation plan. As always, state and other federal agency staff are welcome to attend.

This in-person, 2-day workshop covers the fundamentals of the mitigation planning requirements for communities to develop new or updated Local or Tribal Mitigation

Plans that address community priorities and needs and meet requirements established in 44 CFR 201.6. This workshop describes the planning process, the requirements for stakeholder involvement, assessing risks and developing 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.

For those interested, you can obtain certification credits by attending this course.

*For more information about this workshop, contact Stacie Imuta, FEMA Region X Training and Exercise Specialist at [Stacie.imuta@fema.dhs.gov](mailto:Stacie.imuta@fema.dhs.gov).*

## NORFMA News

**Annual Conference**  
September 26-29, 2017  
Seaside, Oregon

The NORFMA annual conference is quickly approaching and it’s shaping up to be another great conference with a broad range of topics. On Tuesday, there will be two training courses: NFIP 101 and NFIP Coastal Construction. Some of the topics for the various workshops and concurrent sessions throughout the week include: Local and regional mapping and modeling examples and principles; Projects covering multiple benefits, ecosystem function; lessons learned from recent flooding events; mitigation tools and planning for future flooding; and updates from states & FEMA Region X.

*Continued on next page*

**RiskMAP**  
Increasing Resilience Together

**NORFMA (cont.)**

Additionally, there will be workshops on CRS, a Field Trip on Friday, and for those who have registered with ASFPM, a CFM exam on Friday. Remember, the annual conference provides CECs for your CFM certification. There is still time to register for the 2017 NORFMA annual conference. We hope to see you in Seaside!

*NORFMA or to register for the conference, visit [www.norfma.org](http://www.norfma.org).*



**Newsletter Ideas?**

Want to spread the word about an upcoming event or recent success story? Let us know what you to want to see in future issues!  
Articles can be up to 500 words and may include pictures. Email [RXNewsletter@starr-team.com](mailto:RXNewsletter@starr-team.com).

*For more information about*

**Online Training**

(All times Pacific)

**CRS: Preparing an Annual Recertification**

September 12, 10 am  
September 14, 10 am  
September 19, 10 am  
Online – 1 CEC

**CRS: Floodplain Management Planning (Activity 510)**

September 20, 10 am  
Online – 1 CEC

**Tribal Mitigation Planning**

September 22, 10 am  
Online – 1 CEC

**Floodplain Development Permit Review**

October 12, 9 am  
Online – 1 CEC

**Inspecting Floodplain Development**

October 12, 10 am  
Online – 1 CEC

**CRS: Introduction to CRS**

October 17, 10 am  
Online – 1 CEC

**CRS: Developing a Program for Public Information (PPI)**

October 18, 10 am  
Online – 1 CEC

**Elevation Certificates**

October 26, 10 am  
Online – 1 CEC

**Addressing Social Equity/Vulnerable Populations through Mitigation Planning**

October 27, 10 am  
Online – 1 CEC

**Integrating Natural Hazard Mitigation Plans into Local Comprehensive Plans**

November 17, 10 am  
Online – 1 CEC

To register for online courses, visit STARR’s training site online at [j.mp/starronlinetraining](http://j.mp/starronlinetraining), or email [RXTraining@starr-team.com](mailto:RXTraining@starr-team.com).