

## Inside this Issue

- 1** FEMA P-1000
- 1** FEMA P-366
- 2** NORFMA News
- 2** Idaho FIRM Digitization
- 2** ESA Workshops
- 3** Mitigation Planning Workshop
- 3** Suggested Reading
- 3** Online Training Calendar

Strategic Alliance for Risk Reduction  
FEMA Region 10 Service Center  
20700 44<sup>th</sup> Avenue West, Suite 110  
Lynnwood, Washington 98036  
(425) 329-3699

# News from Region 10

## FEMA P-1000

### Safer, Stronger, Smarter: A Guide to Improving School Natural Hazard Safety

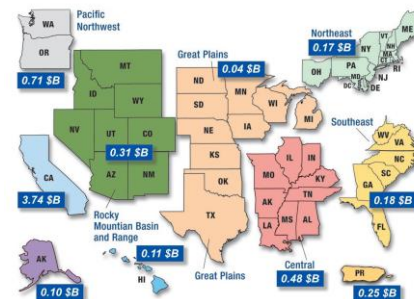
FEMA P-1000 offers actionable advice on how to improve the safety of schools in the United States from various natural hazards, including earthquake, tsunami, flood, hurricane, tornado, and windstorm. It focuses on both operational guidance (what to do before, during, and after an event) and on the physical protection of school facilities (what can be done to the structure and facility to improve safety). It aims to equip school safety advocates and stakeholders, including school administrators, facilities managers, emergency managers, emergency planning committees, teachers and staff at K through 12 schools. It also is designed to provide tools for school safety advocates to communicate clearly with decision makers to ultimately spark action.

To access the Guide in its entirety, visit <https://www.fema.gov/media-library/assets/documents/132592>.

## FEMA P-366

### Hazus Estimated Annualized Earthquake Losses for the United States

FEMA released an updated edition of [Hazus® Estimated Annualized Earthquake Losses for the United States](#) (FEMA Publication 366). The latest test edition of this report was developed by FEMA’s Hazus Team, the National Earthquake Hazards Reduction Program, and the US Geological Survey (USGS) using the Hazus data, US Census data, and updated USGS Probabilistic Earthquake Hazard Maps.



### Comparison of Regional Seismic Risk by Annualized Earthquake Losses

This report serves as an effective tool to promote earthquake awareness, preparedness, implementation of cost-effective mitigation measures, and strategies to help reduce seismic risk in the nation’s most at-risk communities. The update is designed to provide a more accurate estimate of hazard influences to losses, among other highlights. Hazus data helps provide emergency managers with comprehensive, nationwide data for decision-making.

For more information about the updated Hazus Estimated Annualized Earthquake Losses, please email Hazus Outreach at [hazus-outreach@riskmapcds.com](mailto:hazus-outreach@riskmapcds.com).

### 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).

## NORFMA News

### New Members Forum Event

July 13, 6 pm-8:30 pm  
Pyramid Alehouse  
Seattle, Washington

NORFMA is hosting another New Members event. The theme is the White River! This is a free event to all interested in floodplain management. Following the social hour (snacks and food provided), NORFMA members will be presenting:

- Setting the scene, geomorphology of the White River (USGS)
- Lower White River Planning Dialogue Group (Pierce County)
- Lower White River Countyline Levee Setback Project (King County)
- Countyline Project (Herrera Consulting)
- Hydraulic and Sediment Modeling along the Lower White River - Sumner (WEST Consulting).

For more information on this event, contact Jesse Reynolds at [jesse.reynolds@otak.com](mailto:jesse.reynolds@otak.com).

### Annual Conference and Scholarship

September 26-29  
Seaside, Oregon

The theme for this year's annual conference is: *Managing Assets for the Future: Resilient Coastal and Riverine Floodplains*. Registration and the [Call for Abstracts](#) is now open. Abstracts are due July 8.

NORFMA is offering ten Conference scholarships to increase the training opportunities for communities with budget restrictions. Scholarships will cover conference registration, which includes 2018 NORFMA annual membership. [Applications](#) are due by August 7.

For more information about the conference and to access the scholarship form, visit [www.norfma.org](http://www.norfma.org).

### Award Nominations

NORFMA is pleased to announce it will again be honoring a few of its own this year at the annual conference in September. Nominations are now being accepted from NORFMA members for Outstanding Individual and Outstanding Community in Floodplain Management.

Nominations are due by August 1.

To nominate in either category, visit <https://www.surveymonkey.com/r/NORFMA2017Awards>.

### Idaho FIRM Digitization Webinar

July 13, 10 am PT/11 am MT

Idaho Silver Jackets funded a project to digitize most of the paper Flood Insurance Rate Maps (FIRMs) for Idaho counties. This project allows you to view the maps online and overlay aerial imagery which will be helpful for locating structures and if they are within the Special Flood Hazard Area. The online map viewer can be accessed here: <http://fema.maps.arcgis.com/home/item.html?id=26cde124507f4dad9b783d442d6c820b>

The viewer shows the flood hazard zones, cross sections, and base flood elevations. The National Flood Hazard Layer is also included in the viewer to show any digital effective FIRMs. Converting the paper maps into a digital product will help with NFIP regulations as well as future flood mapping efforts. During this webinar, Kelly Stone, Risk Analyst with FEMA Region 10, will be presenting on the viewer and will provide instructions on how to access the data and use the site. Maureen O'Shea, Idaho NFIP State Coordinator, will also be available to discuss the use of this information for various applications.

Registration is free and required. Visit <http://j.mp/starronlinetraining>.

## Featured Training

### Puget Sound Endangered Species Act Habitat Assessment Workshop

July 13 – Olympia, WA  
August 10 – Mount Vernon, WA  
August 14 – Bremerton, WA  
September 7 – Everett, WA

FEMA Region 10 and the National Marine Fisheries Service (NMFS) are teaming up again to offer workshops to discuss habitat assessments and the “Door 3” option to achieve compliance with the 2008 NMFS Biological Opinion (BiOp) on the implementation of the NFIP in Puget Sound.

The target audience includes both local floodplain administrators and other community planners and permit reviewers, as well as biological consultants. These workshops will cover a general overview of the NFIP and the ESA, requirements resulting from the BiOp, and what a habitat assessment needs to contain to show compliance.

Registration is free and required.

For more information, contact [FEMAESATraining@thecounciloak.com](mailto:FEMAESATraining@thecounciloak.com).

## Mitigation Planning Workshop

### G-318 Local Mitigation Planning Workshop

September 27-28  
Anchorage, Alaska

This two-day workshop covers the fundamentals of mitigation planning for communities that must develop or update local, tribal, or special districts Natural Hazards Mitigation Plans that meet requirements established in 44 CFR 201.6 and 201.7, and address community priorities and needs.

*Continued on next page*

**RiskMAP**  
Increasing Resilience Together

**G-318 (cont.)**

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

For information about the workshop, contact *Eva Edwards, Alaska Training Coordinator*, at [eva.edwards@alaska.gov](mailto:eva.edwards@alaska.gov).

## Suggested Reading

### Stop Raising Awareness Already

Many organizations concentrate on raising awareness about an issue, such as the danger of eating disorders or loss of natural habitat, without knowing how to translate that awareness into action, by getting

people to change their behavior or act on their beliefs. It's time for activists and organizations to adopt a more strategic approach to public interest communications.

You can read the whole article from the *Stanford Social Innovation Review* at [https://ssir.org/articles/entry/stop\\_raising\\_awareness\\_already](https://ssir.org/articles/entry/stop_raising_awareness_already).

### Online Training

(All times Pacific)

#### Idaho FIRM Digitization

July 13, 10 am  
Online – 1 CEC

#### CRS: Changes in 2017 Coordinator's Manual

July 18, 10 am  
Online – 1 CEC

#### CRS: Class 4 Prerequisites

July 19, 10 am  
Online – 1 CEC

#### Elevation Certificates

July 20, 10 am  
Online – 2 CECs

#### Tools for Determining Base Flood Elevation

July 27, 10 am  
Online – 1 CEC

#### Developing an Effective Mitigation Strategy

July 28, 10 am  
Online – 1 CEC

#### NFIP Basics

August 3, 10 am  
Online – 1 CEC

#### Floodplain Development Permit Review

August 10, 9 am  
Online – 1 CEC

#### Inspecting Floodplain Development

August 10, 10:30 am  
Online – 1 CEC

#### CRS: Preparing an Annual Recertification

August 15, 10 am  
September 19, 10 am  
Online – 1 CEC

#### CRS: Flood Warning and Response (Activity 610)

August 16, 10 am  
Online – 1 CEC

#### How to Review a “No-Rise” Certification

August 17, 10 am  
Online – 1 CEC

#### Incorporating Climate Adaptation into Natural Hazards Mitigation Planning

August 25, 10 am  
Online – 1 CEC

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

September 20, 10 am  
Online – 1 CEC

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



# RiskMAP

Increasing Resilience Together