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News from Region X

New Mitigation Planning Guidebook

Integrating the Local Natural Hazard Mitigation Plan into a Community's Comprehensive Plan



The Region X Mitigation Planning Team is pleased to release Integrating the Local Natural Hazard Mitigation Plan into a Community's Comprehensive Plan: A Guidebook for Local Governments (FEMA Region X). We want to thank the many individuals at the State and local levels in Region X that provided excellent feedback and a local perspective, as well as STARR who facilitated the process from start to finish. We hope to have it available in the FEMA Library soon. Please feel free to pass it along.

FEMA developed this guidebook to explain and demonstrate how to integrate natural hazard mitigation concepts into local comprehensive plans. The guidebook describes the benefits of integration, provides examples of how it can be accomplished, reviews existing state authorities and regulations, and highlights successful best practices in Region X communities.

The guidebook can be downloaded from the Tools and Resources section of www.starr-team.com.

Bret Holt is a Mitigation Planner with FEMA Region X.

Floodplain Management and Control – 2013 Competitive Grant

The Washington Department of Ecology will be making a solicitation for project proposals for a new grant program in the coming weeks. The program is a state-wide competitive grant program that will distribute roughly \$11 million in grant funds. The projects proposed must provide flood hazard reduction in the community as well as provide ecosystem benefits to salmon recovery efforts, water quality improvements, channel migration zone protection, as well as other ecosystem benefits. There is a requirement of a 20% match in non-state funds. Additional details will be provided in the formal release. Watch the Ecology website for updates and the formal announcement. Announcements of the request for proposals (RFP) will also be made through other media and organizations. The submittal period will run at least 60 days.

For updates and information, visit www.ecy.wa.gov.

Spread the Word!

If you have an announcement, story or event to share in the the Region X Newsletter, email us at RXNewsletter@starr-team.com.



Requirements for Dry Floodproofing Non-Residential Buildings

Dry floodproofing is one option for communities to consider for non-residential structures when elevating above the base flood elevation or when relocating outside of the Special Flood Hazard Area is not practicable.

Documentation at the time of construction for these requirements isn't new for local floodplain administrators, but as of December 1, 2013, this information will also be part of the required documentation to submit **when obtaining or renewing a flood insurance policy** to determine if the structure qualifies for non-residential floodproofing credit.

Additional resources can be downloaded from our Tools and Resources at www.starr-team.com.

Dry Floodproofed Non-Residential Building Requirements

- ✓ A completed Floodproofing Certificate and associated documentation by a registered professional engineer or architect certifying the building's design, specifications and plans and all of the following:
 - Walls are watertight and substantially impermeable to passage of floodwater to the floodproofed design elevations (44 CFR 60.3(c)(3))
 - Utilities and sanitary facilities must be located at or above BFE, completely enclosed within the building's watertight walls, or made watertight and capable of resisting damage during flood conditions
 - Written certification that all components and systems when installed meet the requirements of ASCE 24-05.
 - Structural components must be capable of resisting specific flood-related forces
 - Engineer of Record's design and the construction are in accordance with acceptable standards of American Society of Civil Engineers (ASCE 24-05) (44 CFR 60.3 (c)(4))
- ✓ A Comprehensive Maintenance Plan for the entire structure to include but not limited to the following:
 - Exterior envelope of structure
 - All penetrations to the exterior of the structure
 - All shields, gates, barriers, or components, designed to provide floodproofing protection to the structure
 - All seals or gaskets for shields, gates, barriers or components
 - Location of all shields, gates, barriers and components as well as all associated hardware, and any materials or specialized tools necessary to seal the structure
- ✓ An Emergency Action Plan (EAP) for the installation and sealing of the structure prior to a flooding event that clearly identifies what triggers the EAP and who is responsible for enacting the EAP

Featured Training

Disturbing Lessons from the Severe Flooding in Queensland, Australia - January 2011

December 11 – 1:00 PM

FEMA Region X is hosting a presentation on the challenging decisions faced when a very large flood hits a basin with dams that are designed for flood protection but the flood exceeds the designed level of protection. What decisions are the dam operators faced with and how do they prioritize what to do?

Presenter: Larry Schick

Registration is free, and required.

For more information visit <http://j.mp/starronlinetraining>.

Upcoming Events & Training

(All times Pacific)

NORFMA HEC-RAS Workshop

December 4-6
Tacoma, Washington
www.norfma.org

Floodplain Development Permit Review

December 4, 9am
January 14, 9am
Online* – 1 CEC

Inspecting Floodplain Development

December 5, 10am
January 16, 10am
Online* – 2 CECs

NFIP Basics

December 11, 9am
Online* – 1 CEC

Disturbing Lessons from the Severe Flooding in Queensland, Australia

December 11, 1pm
Online*

Elevation Certificates

December 12, 10am
Online* – 2 CECs

NORFMA CRS Users Group

December 16, 1:00pm
Tacoma, Washington
www.norfma.org

Determining Base Flood Elevation

December 17, 9am
Online* – 1 CEC

Alaska HAZUS Overview

January 7-9
Anchorage, Alaska
Kelly.Stone@fema.dhs.gov

Elevation Certificates for A Zones

January 9, 10am
Online* – 2 CECs

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



Happy Holidays!

