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# News from Region 10

Washington State RiskMAP Program 2018

Washington State | Partners | RiskMAP Phases | Project Viewers | Current Projects | Risk Assessments | Current Maps & Data | Flood Risk Portfolio

WA State developed a watershed-based risk portfolio which ranks all 67 HUC8 watersheds in the State using three predominate risk factors:

- Population's in the floodplain
- Percent Floodplain Extent
- Policies and Claims

This portfolio helps guide project sequencing as part of Washington's Business and Strategic Planning...

- Risk MAP Business Plan update 2016 (pdf)
- Risk MAP Strategic Plan 2016 (pdf)

## Story Map Feature: Washington State Risk MAP Program

By Jerry Franklin, Washington State Risk MAP Coordinator

Washington State, like its fellow Region 10 states, faces an array of natural hazards including floods, landslides, wildfires, earthquakes, tsunamis, and volcanoes. Risk MAP helps build public awareness about these types of hazards while encouraging local communities to take action to reduce our exposure to these natural disasters.

To convey all things Risk MAP in Washington, the Washington Department of Ecology developed a new Risk MAP ArcGIS online mapping application. This 'app', built with the ArcGIS Online StoryMap tool, provides stakeholders with the latest hazard information without needing to have expensive software or GIS expertise.

The WA State Risk MAP Online Mapping Application is open to the public, and can be viewed online at <https://arcg.is/0eyqTm>.

Users can zoom to areas of interest, where more data details become visible, providing quick access to information such as flood hazard zones, base flood elevation cross sections, and coastal transects.

Risk MAP uses state-of-the-art tools and techniques to produce quality data at the parcel scale and estimates damages to each structure in the floodplain under multiple scenarios, not just flooding. A number of regulatory and non-regulatory products can be accessed via this application. In addition to floodplain risk analysis, non-regulatory Risk MAP products include maps and assessments of a community's exposure to volcanic and seismic events, and areas that may be susceptible to sea level rise. Additionally, users can download the reports and GIS data produced, and see who to contact with questions.

*For more information about Washington's Risk MAP Story Map application, contact Jerry Franklin at [jerry.franklin@ecy.wa.gov](mailto:jerry.franklin@ecy.wa.gov).*

# Updated NFIP/I-Codes Quick Reference Guide

October 2018 edition now available

The FEMA Building Science Branch is pleased to announce the release of a recently updated publication *Quick Reference Guide: Comparison of Select NFIP and 2018 I-Code Requirements for Special Flood Hazard Areas*.

FEMA has determined that the flood provisions in the 2018 edition of the International Codes® (I-Codes) meet or exceed the minimum National Flood Insurance Program (NFIP) requirements at 44 CFR §60.3.

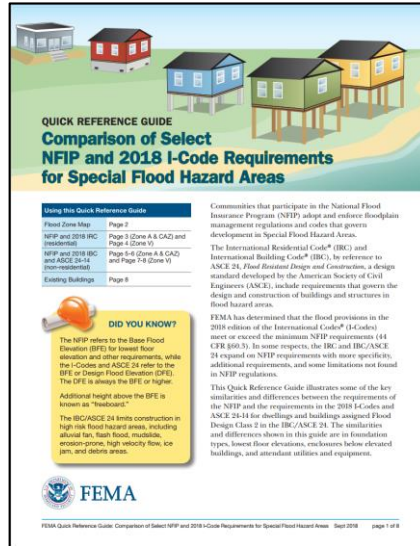
The updated Quick Reference Guide illustrates the similarities and highlights the differences between the NFIP minimum requirements, and the requirements of the 2018 I-Codes® and ASCE 24-14, Flood Resistant Design and Construction (ASCE 24), a standard referenced by the I-Codes, for dwellings and buildings assigned Flood Design Class 2 in the IBC/ASCE 24.

In some respects, the IRC (International Residential Codes) and IBC (International Building Codes) expand on NFIP requirements with more specificity, additional requirements, and some limitations not found in NFIP regulations. The guide contains illustrations comparing the requirements for foundation types,

lowest floor elevations, enclosures, and placement of attendant utilities and equipment.

This guide is available from the Building Code Resources webpage: <https://www.fema.gov/media-library/assets/documents/25986>.

Questions? Contact the FEMA Building Science Helpline: [FEMA-BuildingScienceHelp@fema.dhs.gov](mailto:FEMA-BuildingScienceHelp@fema.dhs.gov) or by calling 866-927-2104.



our nation’s resiliency. The kit consists of key messages and templates that you can leverage to communicate the crucial role insurance plays in disaster recovery.

By partnering with other federal and state agencies, local and tribal governments, territories, academia, the private sector, and non-governmental organizations (NGOs), we can increase the number of insured Americans. We can create a stronger, more resilient nation — one action, one community at a time.

The Kit is available in both English and Spanish, and can be downloaded from FEMA’s website at <https://www.fema.gov/media-library/assets/documents/166428/>

If you have questions or feedback about this starter kit, contact [FIMAMoonshots2022@fema.dhs.gov](mailto:FIMAMoonshots2022@fema.dhs.gov)

## New Handout: How to Request Map Changes

In an effort to increase the number of completed Letter of Map Change (LOMC) applications submitted by homeowners, a 2-page guide titled “How to Request a Map Amendment” is available online.

This guide describes criteria for eligibility for a Letter of Map Amendment or Letter of Map Revision based on Fill and the process for applying. The guide is intended for the public, and provides definitions of key NFIP terms, clear instructions on who is eligible to apply, what should be included in an application, and what happens after a determination letter is received from FEMA. This resource will aid homeowners in better understanding their flood risk – and receiving an accurate flood insurance premium.

This guide can be downloaded at <https://www.fema.gov/media-library/assets/documents/172215>.

## FEMA Moonshots Kit

Unifying emergency management across the nation

The decision about whether or not to buy flood insurance should not be based on a line on a map. Flooding can happen anywhere, not just in designated high-risk areas.

Insured survivors are able to recover quicker and more fully from a flood or other catastrophic event than their uninsured neighbors. That is exactly why FEMA is committed to closing the insurance gap across the nation.

Doubling the number of properties with flood insurance from 4 million to 8 million is one of FEMA’s “Moonshots”, and this stakeholder starter kit was developed to help local governments carry this message into their communities and advance

### Newsletter Ideas?

Want to spread the word about an upcoming event or recent success story? Let us know what you 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).

## Featured Trainings

### L276: Benefit-Cost Analysis: Entry Level Training

December 10-12  
Anchorage, AK

Hosted by Alaska Division of Homeland Security and Emergency Management (DHS&EM) and FEMA Region 10, this course is an introduction to the fundamental concepts of benefit-cost analysis (BCA). Participants will learn how to obtain BCA data and conduct analyses using the latest version of the Benefit Cost Toolkit.

### Ask the Help Desk

The Region 10 Service Center is here to help local community officials and stakeholders with technical, training, mitigation, and mapping questions.

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

The primary audience for this course is federal, state, local, and tribal hazard mitigation staff; applicants or sub-applicants, grantees, and personnel who are involved in the grant application development process and provide technical assistance.

Upon completion of this course, participants will understand BCA theory; identify eligible hazards and complete a BCA module; use supplemental tools and techniques in the BCA Tool in response to different scenarios; and explain key Damage-Frequency Assessments (DFA) concepts.

Tuition is free for those accepted; there are no travel or salary stipends available. To apply, please use the following application form: [FEMA Form 119-25-1 Application](#).

*Please direct any questions to [mva.dhsem.training@alaska.gov](mailto:mva.dhsem.training@alaska.gov), or contact the course coordinator, [brent.nichols@alaska.gov](mailto:brent.nichols@alaska.gov).*

## NORFMA News

**CRS Users Group Quarterly Meeting**  
January 17, 1-3 pm  
Tacoma Mall Plaza

The next CRS Users group meeting has been rescheduled for January 17<sup>th</sup>, 2019. It will be held at the Pierce County Planning & Public Works offices in Tacoma, WA, and will feature a discussion of lessons learned from two communities who have recently completed their CRS Cycle Verification Visits. Skype is available for those who cannot attend these quarterly meetings in person.

*RSVP to Dennis Dixon at [ddixon@co.pierce.wa.us](mailto:ddixon@co.pierce.wa.us).*



### Online Training

(All times Pacific)

#### NFIP Basics

December 6, 10 am  
Online - 1 CEC

#### CRS: Preparing an Annual Recertification

December 18, 10 am  
Online - 1 CEC

#### CRS: Flood Insurance Promotion (Activity 370)

December 19, 10 am  
Online - 1 CEC

#### CRS: Introduction to CRS

January 15, 10 am  
Online - 1 CEC

#### CRS: CRS and Coastal Hazards

January 16, 10 am  
Online - 1 CEC

#### Floodplain Development Permit Review

January 17, 9 am  
Online - 1 CEC

#### Floodplain Development Inspections

January 17, 10:30 am  
Online - 1.5 CEC

#### Determining BFEs

February 14, 10 am  
Online - 1 CEC

#### CRS: The Role of the CRS Coordinator

February 19, 1 pm  
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).