

# 2018 IAFSM Conference - Session 1C

## 2017 CRS Coordinator's Manual Changes



National Flood Insurance Program  
Community Rating System

## Coordinator's Manual

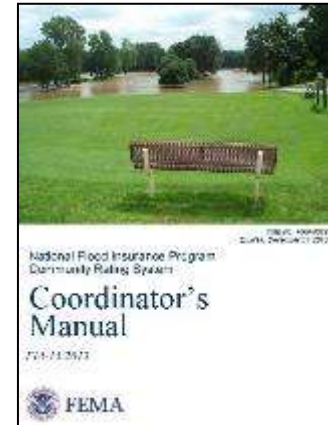


FEMA

# Changes in the 2017 CRS Manual

## What you will see changes in the 2017 Manual

- Bars in the margins for changes
- Appendix D
- No bars for corrections and typos



Higher Regulatory Standards

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One method to offset the impacts of the use of fill is to require compensatory storage, but compensatory storage does not compensate for the adverse impact on other natural floodplain functions. Therefore, it is worth approximately half the credit. This credit is for regulations that require new developments to provide compensatory storage at hydrologically equivalent sites up to a ratio of 1.5 to 1.

(2) Prohibition of buildings (DL2) (maximum credit: 1,000 points). If the regulations prohibit only certain types of buildings, such as residences, the points can be prorated.

- (a) Prohibition of all buildings (DL2a): Full credit for DL2 is for prohibiting all buildings and LOMR-Fs.
- (b) Prohibition of all buildings (DL2b): Partial credit is provided if the community allows LOMR-Fs.

(3) Prohibition of outdoor storage of materials (DL3) (maximum credit: 50 points). Credit can be received under three sub-elements:

# Changes in the 2017 CRS Manual

## Reasons for Changes:

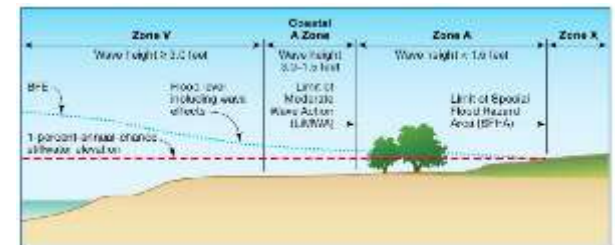
- Consideration of CRS goals
- National consistency
- Community and stakeholder comments
- CRS Task Force considerations
- More attention to special flood-related hazards and residual risk
- Improvements, clarifications and corrections



# Changes in the 2017 CRS Manual

## Largest Changes:

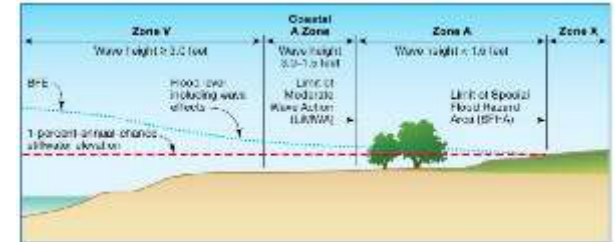
- Special Flood-related Hazards incorporated into the Coordinator's Manual (no more Supplements)
- Section 502 Repetitive loss categories
- Activity 410 CTP credit retirement
- Activity 450 WMP options for coastal communities
- Activity 540 changes in prerequisites
- Class 4 freeboard requirement
- Sea Level Rise Standard



# Changes in the 2017 CRS Manual

## What Hasn't Changed:

- Maximum Credit for an Activity
- Element names



# 2017 CRS Manual Changes

Some credit criteria retired (deleted). Examples:

## Activity 320 (Map Information Service)

- MI (Map Information) requirement to publicize Elevation Certificate availability – retired
- Already provided for with Activity 310 credit

## Activity 350 (Flood Protection Information)

- WEB credit requirement to publicize Activity 320 services on website – retired
- Already provided for with Activity 320 credit



# 300 Series Changes

## Activity 330 (Outreach Projects)

- Emphasis on messages
- Target audiences changed to priority audiences
- Priority audiences – expanded to include Special flood-related hazards and dams and levees



**Table 330-1. CRS topics and example messages.**

Six Priority Topics	Example Messages
1. Know your flood hazard	Your property is subject to flooding by the Roaring River You are in a repetitively flooded area Call 555-1234 to find out the flood hazard for your property
2. Insure your property for your flood hazard <i>NOTE: At least one project must include a message on this topic</i>	Ask your insurance agent if you are covered for flood damage Renters should buy flood insurance for their contents Take advantage of a low-cost Preferred Risk Policy
3. Protect people from the hazard	Turn around, don't drown Know the flood warning signals: one long blast of the siren means a flash flood along Silver Creek Designate a place where your family can rendezvous after an evacuation order is issued
4. Protect your property from the hazard	Replace your flooded furnace with one elevated above the flood level Store your valuables and insurance papers upstairs in a waterproof container We can help you get a grant to elevate your home. Call us at _____
5. Build responsibly	Get a permit from . . . before you build Don't build or grade within 10 feet from the property line so you don't alter the drainage between homes Use only licensed contractors who know the rules
6. Protect natural floodplain functions	Protect our turtle nesting areas: stay off the beach after sunset Report broken silt fences: they help keep our streams clean Don't trash the river—that's where we get our drinking water

**NOTE:** All the messages are examples. Communities should develop messages that are pertinent to their flooding conditions.



# Activity 330 (Outreach Projects)

Messages - With a PPI: Any flood-related topics, and up to four more priority topics, can be used in messages

Examples of additional topics (developed by a community that has a Program for Public Information)	Example Messages
7. Hurricane preparedness *	Know your evacuation route
8. General preparedness *	Inventory and photograph your home's contents and put important papers and insurance policies in a safe place
9. Basement flooding *	Check your downspout—drain away from the house
10. Flood education *	Teach school children about flooding

\* Example topics 7 and 8 could also be listed under CRS topic 3—Protect people from the hazard. By listing them as separate topics in its PPI, the community can receive credit for covering three different topics in each project. Similarly, example topic 9 could be covered under CRS topic 4. All four additional topics (7 through 10) need to be explained in the Program for Public Information.

# 300 Series Changes

## Activity 350 (Flood Protection Information) WEB Credit

- 2015 WEB2 (emergency response) combined with WEB1 (more information on 330 messages)
- WEB3 and WEB4, now WEB2 and WEB3.
- Available credit is unchanged.

# 300 Series Changes

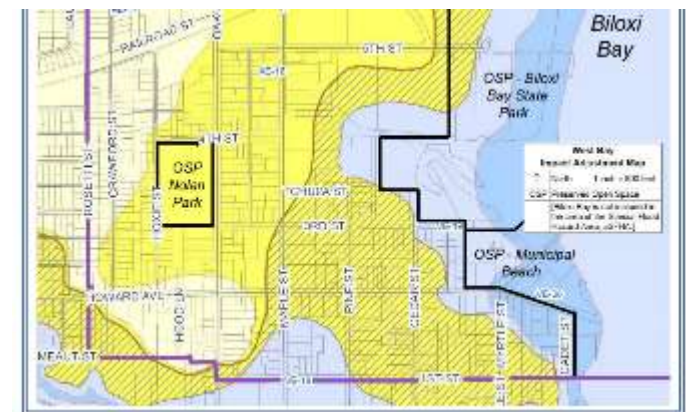
## Activity 370 (Flood Insurance Promotion)

- A Lender is no longer required on the committee
- Coverage improvement plan committee must still have an insurance agent

# 400 Series Changes Mapping and Regulations

## Section 403 - Impact adjustment maps

- “Mays” changed to “Musts”
- 10 acres or more of open water removed
- 10 acres or more of federal or tribal lands removed



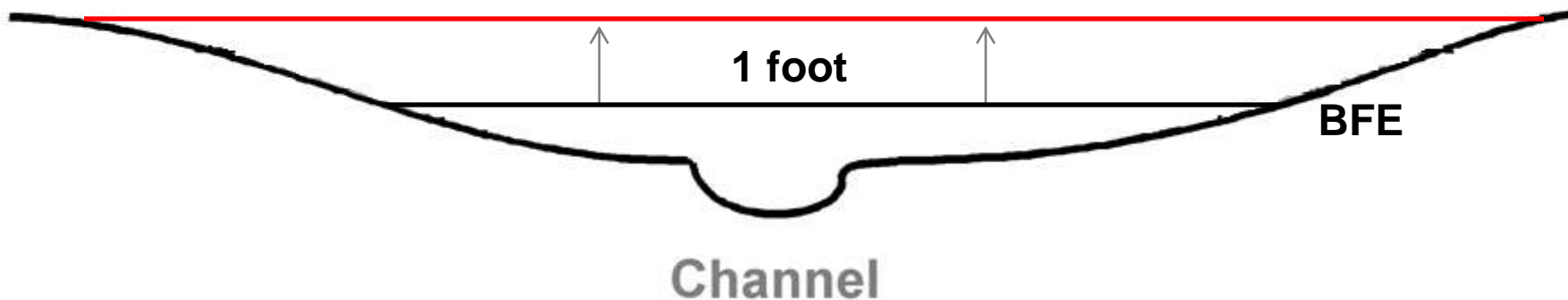
# Activity 410 Changes (Floodplain Mapping)

- Cooperating Technical Partners (CTP) credit is retired and points redistributed
- New Study Credit (NS) – increase max credit from 290 to 350 pts
- Floodway Standards (FWS) – increase max credit from 110 to 140 pts
- Higher Study Standards (HSS) – increase max credit from 160 to 200 pts
  - No more credit for “better topo”
  - No more credit for 500-year floodplain
  - Added credit for future-conditions related to climate change (e.g., SLR)
  - Added credit for mapping freeboard (at least 1ft)

# Activity 410 Changes (Floodplain Mapping)

## Higher Study Standard (HSS)

- For mapping freeboard areas
- Areas must be regulated for Activity 410 credit



# 400 Series Changes Mapping and Regulations

## Activity 420 (Open Space Preservation)

- NFOS5 for public information has been retired
- Credit has been added to NFOS1
- NFOS1 = 190 points

NFOS = natural functions open space

# 400 Series Changes Mapping and Regulations

## Activity 450 (Stormwater Management)

- Watershed Master Plan (WMP credit) changed to add coastal sea level rise option for coastal communities
- Option to meet the Class 4 prerequisite for WMP credit



# 500 Series Changes

## Flood Damage Reduction Activities

### Section 502 – CRS Repetitive Loss Categories

CRS Rep. Loss Category	RL Properties 2013 Manual	RL Properties 2017 Manual
Category A	0	0
Category B	1-9	1-49
Category C	10 or More	50 or More

CRS Floodplain Management Plan – Planning Step 5(c) – full credit needed

- ✓ Examine all RL areas and insurance claims

- OR -

Repetitive Loss Area Analyses (RLAAs) for all RL Properties

- ✓ FMP Step 5(c) not met or
- ✓ When DMA plan not updated every 5 years

# 500 Series Changes

## Flood Damage Reduction Activities

### Activity 530 (Flood Protection)

- Technique Used factor added to OPTION 1 Calculation

$$c530 = 2.4 \times \text{number of protected buildings} \times \text{TU}$$

TU = Technique Used

Table 530-1. Flood protection techniques used.		
Acronym (TU_)	Technique Used	Range
TUE	Elevation	1.0
TUD	Dry floodproofing	0.2 – 0.6
TUW	Wet floodproofing	0.2 – 0.5
TUS	Sewer backup	0.1 – 0.2
TUB	Barrier, levee, or floodwall	0.4 – 0.8
TUC	Channel modification, storm sewer improvements, diversions	0.7 – 0.8
TUF	Storage facilities	0.8



# 500 Series Changes Flood Damage Reduction Activities

## Activity 540 – (Drainage System Maintenance)

- a. Channel Debris Removal (CDR)
- b. Problem Site Maintenance (PSM)
- c. Capital Improvement Program (CIP)
- d. Stream Dumping Regulations (SDR)
- e. Erosion Protection Maintenance (EPM)
- f. Storage Basin Maintenance (SBM)



# Activity 540 - Drainage System Maintenance

## Channel Debris Removal (CDR)

- a) No credit for pipe systems
- b) Focus is on natural systems, and
- c) Natural systems that have been channelized or piped
- d) No change in maximum credit



# Activity 540 - Drainage System Maintenance

## Problem Site Maintenance (PSM) and Capital Improvement Plans (CIP)

- a) All are now stand alone
- b) Credit for CDR is no longer a prerequisite

# Activity 540 - Drainage System Maintenance

## Erosion Protection Maintenance (EPM)

- The element EPM is being retired
- Credit was moved to other coastal elements



# 600 Series Changes

## Warning and Response

- 610 (Flood Warning and Response)
  - Adjustments in Emergency Warning Dissemination (EWD)
  - Adjustments in Flood Response Operations (FRO)

# 600 Series Changes

## Warning and Response

### 620 (Levees) Levee Maintenance (LM) Credit

- Credit for LM as stand-alone credit for non-accredited levees
- Credit for threat recognition, warning, response plans and critical facilities not required for LM credit



# Section 200 Changes

- Prerequisites
  - Class 9 prerequisite for repetitive loss Category C clarification
  - Class 4 freeboard
- Forms – Appendix E and F
  - Updated
- Quick Check
  - Simplified (no points)

# Section 200 Changes

232.b. Cycle Scheduling – “A community keeps its classification for three or five years after its effective date.... Communities with larger total premium discounts and/or better classes may be visited on a three-year cycle.”

- Currently all Class 1-5 communities have 3-year cycle verification visits
- Currently all Class 6-9 communities have 5-year cycle verification visits



# Section 200 Changes

## Section 232 – Verification Visit

### 3-Year Cycle Visits

- ✓ Class 1-4 communities and
- ✓ Top 10% of total premium discount communities (140 communities)

### 5-Year Cycle Visits

- ✓ Class 5-9 communities not in the top 10% of total CRS discount communities

Phased-in as cycle visits occur. No change in your expected next cycle visit.

# Changes in the 2017 CRS Manual

## Summary:

- 300 Series – 320, 330, 350
- 400 Series – 410, 420 430 450
- 500 Series – 502, 530, 540
- 600 Series – 620
- 200 Series – Cycle visits and State-based Credit

# CRSresources.org Updates

2017 updates have been made to CRSresources.org

- Forms & Worksheets
- Scoring guides
- Checklists
- Etc.



# Changes in the 2017 CRS Manual

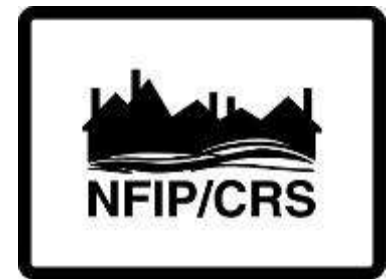
ISO/CRS Specialists will be helping all communities:

- Verification Visits
- Users Groups
- Conferences



# CRS Training Opportunities

- Webinars
- EMI Course
- Field Courses
- See *NFIP/CRS Update Newsletter* for dates



# CRS Webinar Series

## 2017 Webinars

(all times 1:00 p.m. Eastern)

Visit [CRSresources.org](http://CRSresources.org) - *Training & Videos Tab*



# CRS Webinar Series

## Questions?



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