2017 CRS Coordinator’s Manual Changes
What you will see changes in the 2017 Manual

- Bars in the margins for changes
- Appendix D

- No bars for corrections and typos
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
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>
<thead>
<tr>
<th>Six Priority Topics</th>
<th>Example Messages</th>
</tr>
</thead>
</table>
| 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 | 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 |
| **Note:** At least one project must include a message on this topic |
| 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.

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

* 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
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)
Higher Study Standard (HSS)
• For mapping freeboard areas
• Areas must be regulated for Activity 410 credit
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
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
Section 502 –

CRS Repetitive Loss Categories

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Category A</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Category B</td>
<td>1-9</td>
<td>1-49</td>
</tr>
<tr>
<td>Category C</td>
<td>10 or More</td>
<td>50 or More</td>
</tr>
</tbody>
</table>

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
Activity 530 (Flood Protection)

- Technique Used factor added to OPTION 1 Calculation

\[ c_{530} = 2.4 \times \text{number of protected buildings} \times TU \]

TU = Technique Used

Table 530-1. Flood protection techniques used.

<table>
<thead>
<tr>
<th>Acronym (TU_ )</th>
<th>Technique Used</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>TUE</td>
<td>Elevation</td>
<td>1.0</td>
</tr>
<tr>
<td>TUD</td>
<td>Dry floodproofing</td>
<td>0.2 – 0.6</td>
</tr>
<tr>
<td>TUW</td>
<td>Wet floodproofing</td>
<td>0.2 – 0.5</td>
</tr>
<tr>
<td>TUS</td>
<td>Sewer backup</td>
<td>0.1 – 0.2</td>
</tr>
<tr>
<td>TUB</td>
<td>Barrier, levee, or floodwall</td>
<td>0.4 – 0.8</td>
</tr>
<tr>
<td>TUC</td>
<td>Channel modification, storm sewer improvements, diversions</td>
<td>0.7 – 0.8</td>
</tr>
<tr>
<td>TUF</td>
<td>Storage facilities</td>
<td>0.8</td>
</tr>
</tbody>
</table>
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
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)
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.
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 - Training & Videos Tab](http://www.CRScourses.org)
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