

## List of Changes in the 2017 CRS Coordinator's Manual

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Credit Description	2013 Sub-Section	2013 Element	2013 Maximum Credit	2017 Sub-Section	2017 Element	2017 Maximum Credit*	Change
Section 210 - Class 9 Prerequisites	211a			211a			Clarification. 510, 512 Floodplain Management Plans, full credit for Step 5.c. required
Section 210 - Class 6 Prerequisites	211b			211b			No change
Section 210 - Class 4 Prerequisites	211.c			211.c			Change in FRB credit requirement. At least 1 foot of freeboard required throughout SFHA, including unnumbered zones
Section 210 - Class 4 Prerequisites	211.c			211.c			No change for WMP prerequisite, however change made in 450 to address the nature of watersheds in coastal municipalities; clarified that 1 foot of freeboard is required throughout SFHA and not just 100 points
Section 210 - Class 4 Prerequisites	211.c			211.c			Clarifications on 600 Series-related prerequisites
Section 210 - Class 4 Prerequisites	211.d			211.d			(4)(b)(i) for BFEs removed since required for Class 4 freeboard prerequisite
Section 230 - State-based Credit	231.d			231.d			Changed from Uniform Minimum Credit (UMC) to State-based Credit
<b>310 (Elevation Certificates)</b>	<b>310</b>	<b>c310</b>	<b>116</b>		<b>c310</b>	<b>116</b>	Better explanation of permit list and provide sample spreadsheet; explain diagrams 1A and 1B, clearer on "up to 38 points"
<b>320 (Map Information Service)</b>	<b>320</b>	<b>c320</b>	<b>90</b>		<b>c320</b>	<b>90</b>	Removed requirement to publicize the available of elevation certificate; better description of the requirement to "volunteer" information to the inquirer
<b>330 (Outreach Projects)</b>	<b>330</b>	<b>c330</b>	<b>350</b>		<b>c330</b>	<b>350</b>	
Activity Description	331.a			331.a			Several clarifications and Informational materials changed to informational projects.
Activity Description	331.a			331.a			People potential impacted a levee, dam or special flood-related hazard included as a "priority audiences" for OP and FRP. Revised Table 330-1. New example to be added to highlight credit for high water mark signs/campaigns
Program for public information (PPI)	332.c	PPI	%	332.c	PPI	%	Communities with PPI may select any additional 4 messages of their choosing. Clarifications for updating PPIs.
<b>350 (Flood Protection Information)</b>	<b>350</b>	<b>c350</b>	<b>125</b>		<b>c350</b>	<b>125</b>	Credit criterion (4) deleted. Redundant credit in WEB2 eliminated and moved to WEB1.
<b>370 (Flood Insurance Promotion)</b>	<b>370</b>	<b>c370</b>	<b>110</b>		<b>c370</b>	<b>110</b>	Clarification on when insurance data must be reassessed. Dropped requirement for a lender to participate on committee; one insurance agent still required.
<b>Section 403 (Impact Adjustment Maps)</b>	403.b	maps		403.b	maps		Large open bodies of water and federal/tribal lands are removed from area of the SFHA and Activity 420 and 430 credit areas



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<b>410 (Floodplain Mapping)</b>	<b>410</b>	<b>c410</b>	<b>802</b>		<b>c410</b>	<b>850</b>	
New study	412.a	NS	290	412.a	NS	350	More credit available; points moved from retired CTP credit
Leverage for non-FEMA cost sharing (multiplier)	412.b	LEV	%	412.b	LEV	%	All leverage credit still available
State review bonus	412.c	SR	60	412.c	SR	60	20% bonus applied after impact adjustment
Higher study standards	412.d	HSS	160	412.d	HSS	200	More credit available; points moved from retired CTP credit; mapping of freeboard added as HSS; better topography and mapping of 500-year floodplain no longer credited under HSS
Floodway standard	412.e	FWS	110	412.e	FWS	140	More credit available; points moved from retired CTP credit
	412.f			412.f	MCE	50	Moved from Supplement; credit for mapping of coastal erosion
	412.f			412.f	MTS	50	Moved from Supplement; mapping of tsunami hazard areas
Special hazards credit	412.f	MAPSH	50	412.f	MAPSH	100	Credit for mapping inland hazards moved to Activities 420 and 430; credit for mapping coastal and tsunami hazards increased to 100 points (MCE=50 and MTS=50)
Signing a CTP	412.g	CTP1	20				CTP1 credit retired; points moved to NS, HHS and FWS
CTP bonus for NS credit	412.g	CTP2	112				CTP2 credit retired; points moved to NS, HHS and FWS
<b>420 (Open Space Preservation)</b>	<b>420</b>	<b>c420</b>	<b>2,020</b>		<b>c420</b>	<b>2870</b>	Point increase due to special flood-related hazard credit being included in the 2017 Manual
Preserved open space	422.a	OSP	1,450	422.a	OSP	1450	Better documentation guidance provided
Natural functions open space	422.c	NFOS	350	422.c	NFOS	350	Move NFOF5 credit to NFOS1. the outreach in NFOF5 will still be credited in 330 - under topic 6.
Sites include public information/education	422.c	NFOF5	20				NFOF5 credit for public information/education retired and moved to NFOS1, to allow for better credit
Natural functions open space for natural or restored sites	422.c	NFOS1	170	422.c	NFOS1	190	Credit for natural functions open space including public information/education materials
Special hazards open space	422.d	SHOS	50	422.d	SHOS	150	Moved from Supplements and credit increased
Coastal erosion open space	422.d			422.e	CEOS	750	Moved from Supplements
Land development criteria/open space incentives	422.e	OSI	250	422.f	OSI	250	OSI regulations must apply to development and redevelopment



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<b>430 (Higher Regulatory Standards)</b>	<b>430</b>	<b>c430</b>	<b>2,042</b>		<b>c430</b>	<b>2042</b>	Clarification that maximum impact adjustment for the activity cannot exceed 1.5 (area regulated divided by area of the SFHA)
Development limitations (fill & buildings)	432.a	DL	1,330	432.a	DL	1330	Clarified that maximum credit for all DL elements is provided when the community prohibits LOMR-Fs
Enclosure limitations	432.g	ENL	240	432.g	ENL	390	CAZ2 credit retired and credit added to ENL (150 points); clarified "and/or" terminology for credit
Building code	432.h	BC	100	432.h	BC	100	Address adoption of both IRC and IBC
Coastal A Zone regulations	432.k	CAZ	650	432.k	CAZ	500	CAZ credit instead of CAZ1 and CAZ2; 150 points of CAZ2 credit moved to ENL
Buildings prohibited in SHR areas	432.x	SHDL2	100	432.l	SHR	100	Moved from Supplements
Ice jam regulations	432.x	IJR	50				Moved from Supplements
Closed basin lake regulations	432.x	CBR	80				Moved from Supplements
Mudflow hazard regulations	432.x	MFR	35				Moved from Supplements
Land subsidence regulations	432.x	SUR	80				Moved from Supplements
Uncertain flow path regulations	432.x	UFR1	80				Moved from Supplements
Moveable stream bed regulations	432.x	UFR2	80				Moved from Supplements
Tsunami special hazards regulations	432.y	TSR	50	432.m	TSR	50	Moved from Supplements
Coastal erosion hazard regulation	432.z	CER	400	432.n	CER	370	Moved from Supplements
<b>440 (Flood Data Maintenance)</b>	<b>440</b>	<b>c440</b>	<b>222</b>		<b>c440</b>	<b>222</b>	Erosion data maintenance moved from Supplements
<b>450 (Stormwater Management)</b>	<b>450</b>	<b>c450</b>	<b>755</b>		<b>c450</b>	<b>755</b>	Emphasis on future development including redevelopment
Watershed master plan	452.b	WMP	315	452.b	WMP	315	Option added for coastal communities to study the 2100 impact of sea level rise in-lieu-of a hydrologic/hydraulic analysis of watersheds; WMP plans no longer have to include discussion or recommendations for stormwater regulations, however communities must still receive SMR credit for all storms up to the 25-year event
Erosion and sedimentation control	452.c	ESC	40	452.c	ESC	40	
Water quality regulations	452.d	WQ	20	452.d	WQ	20	
<b>500 Series</b>	<b>500</b>						
AW-501	501			501			Included with CC-RL form
Rep. Loss Properties	502			502			Change in RL Categories: A = 0 RLs, B = 1-49 RLs, C = 50 or more RLs (unmitigated); Category C communities must receive full credit for Step 5.c. of FMP or received RLAA credit for all RL areas (Class 9 prerequisite)
<b>510 (Floodplain Management Planning)</b>	<b>510</b>	<b>c510</b>	<b>622</b>		<b>c510</b>	<b>622</b>	Added emphasis on Class 9 RL prerequisite
<b>530 (Flood Protection)</b>	<b>532</b>	<b>c530</b>	<b>1,600</b>	<b>532</b>	<b>c530</b>	<b>1600</b>	Option 1 impact adjustment revised to incorporate the flood protection technique used; Option 2 impact adjustment must be used when buildings were previously built at or above the BFE at the time of construction



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<b>540 (Drainage System Maintenance)</b>	<b>540</b>	<b>c540</b>	<b>570</b>		<b>c540</b>	<b>570</b>	Credit calculation change due to CDR being removed as a prerequisite for PSM, CIP and SDR
Channel debris removal	542.a	CDR	200	542.a	CDR	200	Emphasis added on credit for natural systems; impact adjustment can be based on the percentage of a community's system that is inspected annually (Note that credit for underground systems was NOT included in previous Manuals and therefore there is not changes in the CDR discussion in the 2017 Manual. Coastal communities were offered underground system credit as a program implementation decision. Reciprocal credit was not offered to riverine communities.)
Problem site maintenance	542.b	PSM	50	542.b	PSM	50	CDR credit no longer a prerequisite for PSM credit (all communities eligible)
Capital improvements program	542.c	CIP	70	542.c	CIP	70	CDR credit no longer a prerequisite for CIP credit (all communities eligible)
Stream dumping regulations	542.d	SDR	30	542.d	SDR	30	CDR credit no longer a prerequisite for SDR credit (all communities eligible)
Storage basin maintenance	542.e	SBM	120	542.e	SBM	120	
Erosion protection maintenance	542.f	EPM	100				EPM credit retired; beach nourishment no longer credited
<b>610 (Flood Warning and Response)</b>	<b>610</b>	<b>c610</b>	<b>395</b>		<b>c610</b>	<b>395</b>	Clarification on Activity prerequisites and the types of plans that can be recognized for credit
Flood threat recognition system	612.a	FTR	75	612.a	FTR	75	
Emergency warning dissemination	612.b	EWD	75	612.b	EWD	75	Redistribution of subelement credit based on CRS Task Force input
Flood response operations plan	612.c	FRO	115	612.c	FRO	115	Redistribution of subelement credit based on CRS Task Force input
<b>620 (Levees)</b>	<b>620</b>	<b>c620</b>	<b>235</b>		<b>c620</b>	<b>235</b>	Clarification on Activity prerequisites
<b>630 (Dams)</b>	<b>630</b>	<b>c630</b>	<b>160</b>		<b>c630</b>	<b>160</b>	Clarification on Activity prerequisites
<b>Appendices</b>							
Appendix A - Acronyms							Updated
Appendix B - NFIP							Updated
Appendix C - CRS Publications							Updated
Appendix E - Certifications							CC-213, CC-230 and CC-RL updated
Appendix D - History							Updated
Appendix F - EHPs							No changes
Index							Updated

\* Increases in maximum credit for a CRS activity are due to the credit for special flood-related hazards being added to the Coordinator's Manual.

