

More Bang for Your Buck: Coordinating CRS and Hazard Mitigation Planning Activities to Increase Impact

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FEMA

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Introduction

**Why We Are
Here: More Bang
for Your Buck**



Amanda Sharma
FEMA HQ,
Mitigation Planning

**Why You Should
Care about
Mitigation Planning**



Cathleen Carlisle
FEMA HQ,
Mitigation Planning

**How to Save: Mitigation
Planning and the CRS
Key Topics Bulletin**



French Wetmore
Resilience Action
Partners

Why We are Here

Amanda Sharma



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FEMA's Moonshots



Mitigation Planning and the NFIP

Region	NFIP Participating Communities			NFIP Non-Participating Communities		
	Communities w/o Mitigation Planning	Communities w/ Mitigation Planning*	Community Total	Communities w/o Mitigation Planning	Communities w/ Mitigation Planning*	Community Total
Grand Total:	1,414	20,904	22,318	245	1,844	2,089

(Data used from the MPP as of 5/18/2018 and CIS as of 5/21/2018)

*Count of communities with mitigation planning include all plan statuses and historical plans

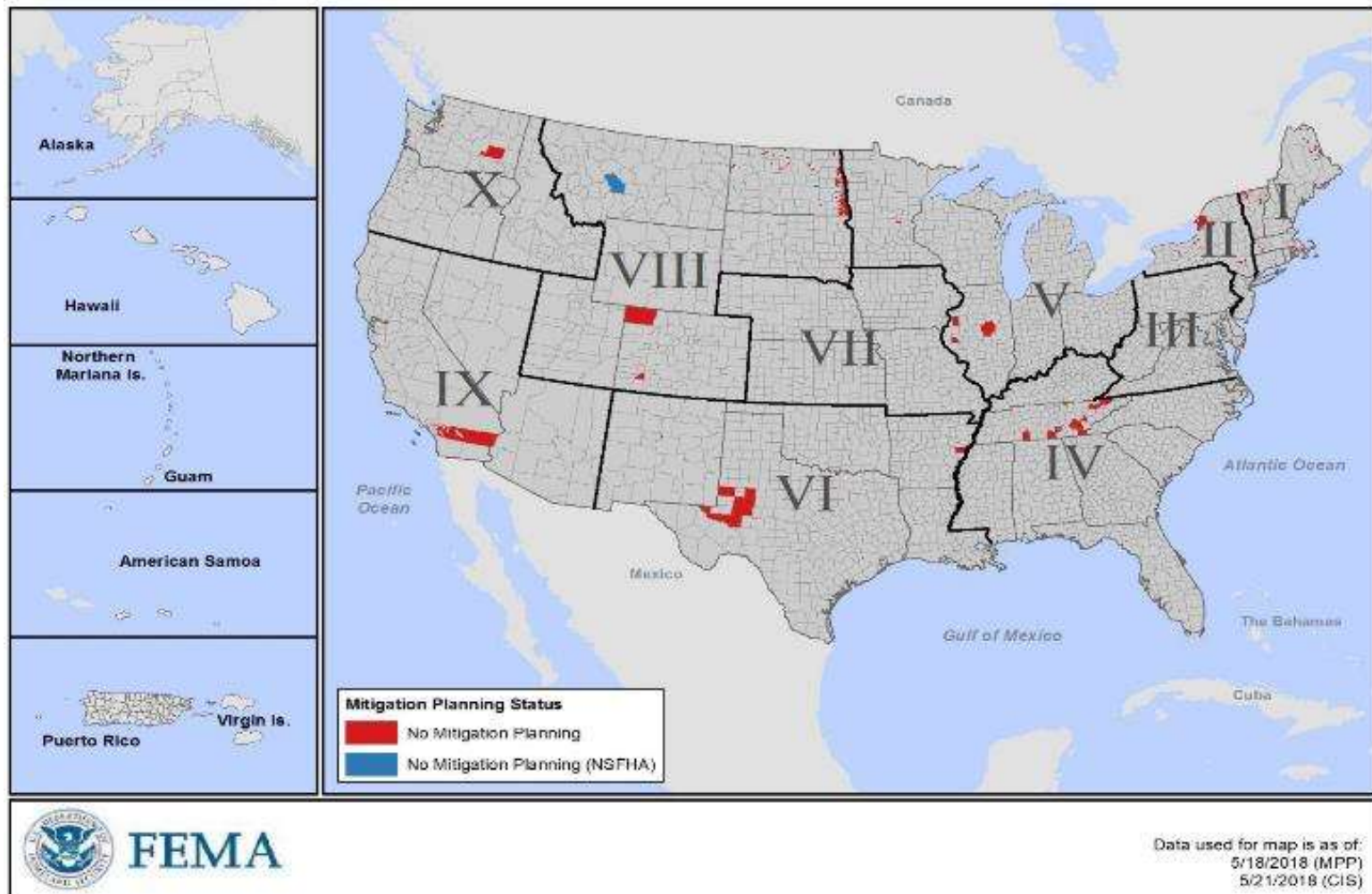
- Over **31,000** jurisdictions and special districts currently have an Approved or Approved Pending Adoption (APA) mitigation plan or have participated in a mitigation plan in the past
 - Approximately **4,500 (14%)** are special districts
 - More than **50%** of jurisdictions are cities and towns.
 - Total of **346** American Indian and Alaska Native tribes and villages

Jurisdiction Type	% of Total
Alaska Native Village	0.17%
City	31.40%
Consolidated Government	0.06%
County	8.17%
County Subdivision	0.01%
District	0.32%
Incorporated City	4.01%
Municipality	0.11%
Municipio	0.29%
Organized Borough	4.47%
Parish	0.24%
State/District/Territory	0.20%
Town	23.68%
Township	11.45%
Tribal	1.10%
Unincorporated	2.86%
Unorganized Territories	0.18%
Village	11.28%
Grand Total:	100.00%

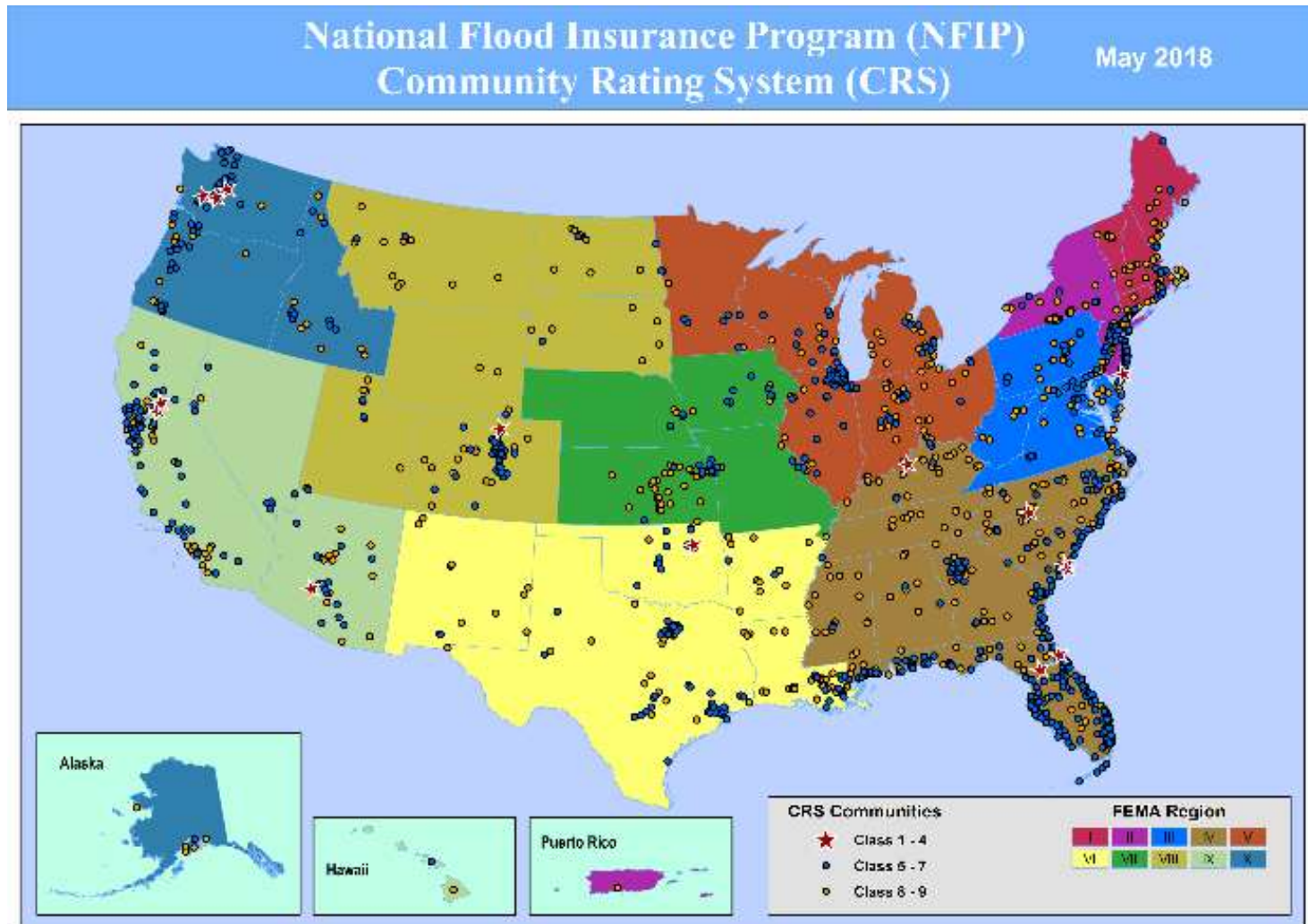
(MPP Data as of 5/18/2018)

Mitigation Planning and the NFIP

NFIP Participating Communities that do not Participate in Mitigation Planning



The NFIP and the Community Rating System



Mitigation Planning and the CRS

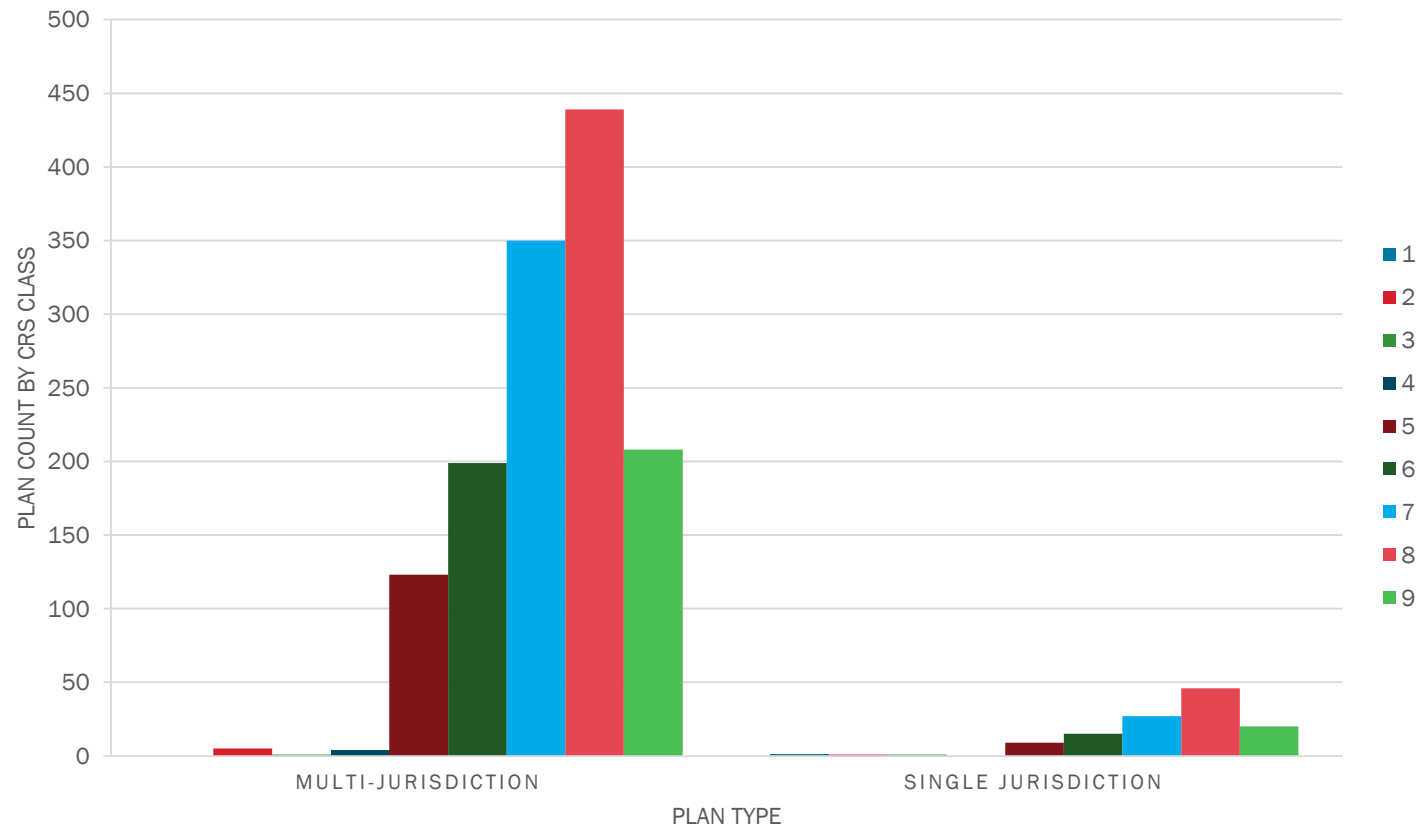
NFIP Participating Communities with CRS

Region	Communities w/o Mitigation Planning and CRS	Communities w/ Mitigation Planning and CRS
1	1	70
2	1	128
3	-	88
4	2	517
5	-	160
6	3	144
7	-	64
8	1	92
9	1	130
10	1	83
Grand Total:	10	1,476

(Data used from the MPP as of 5/18/2018 and CIS as of 5/21/2018)

- 12% of the communities with credit have their scores capped at 50 points for having missed one of the 10 planning steps.
- Some communities have both a hazard mitigation plan and a flood management plan
- Mitigation Planning trend is multi-jurisdictional
- Local trend is to save on insurance and to join CRS

Jurisdiction by Plan Type and CRS Class



The Tale of Two Plans



“Over the last 20-years, our region adopted three FEMA approved multijurisdictional hazard mitigation plans and three county Community Rating System flood plans. The county's flood planning and mitigation efforts has paid off, earning it a class 2 CRS rating. These plans are undeniably critical for bolstering our communities' resiliency. However, [...] two separate FEMA regulated mitigation plans is time consuming and often redundant with local and state planning requirements.

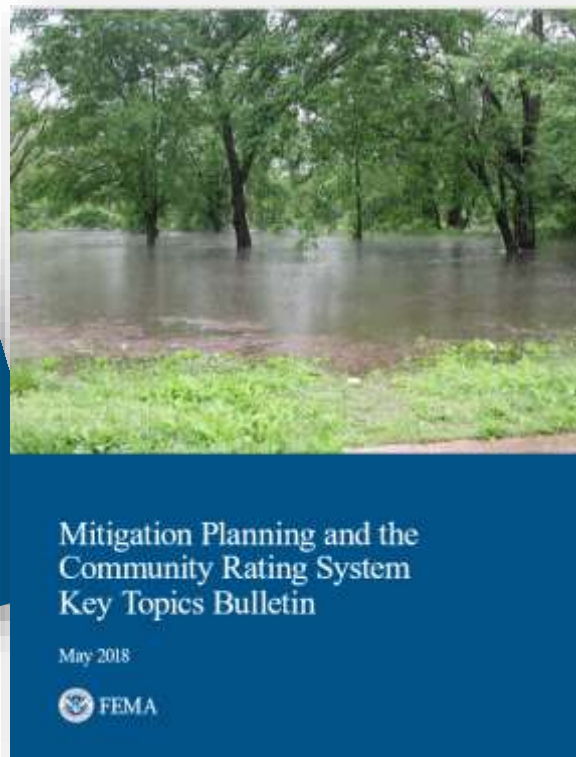
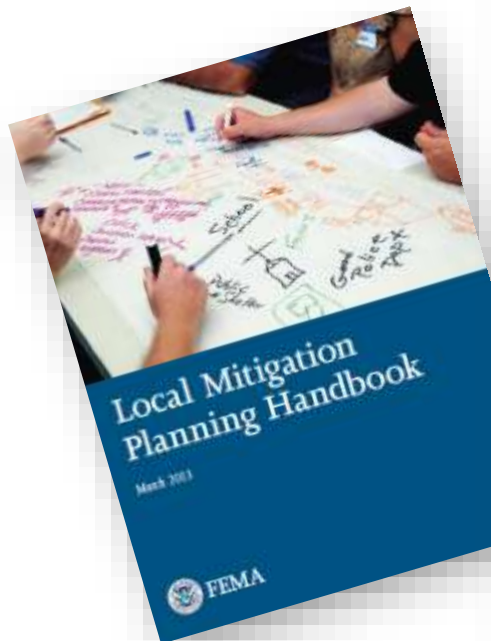
Looking ahead, communities like Thurston County will continue to rely on their State Floodplain Managers, State Hazard Mitigation Officers, and FEMA regional offices to provide sound, cost effective, best management practices and resources that recognize and leverage the unique local and state laws.”

-Paul Brewster, Thurston County Regional Planning Council

Local Mitigation Planning and the CRS

Two Programs
Same Objectives

Different Rules
One Plan can do it all!



Why You Should Care about Mitigation Planning

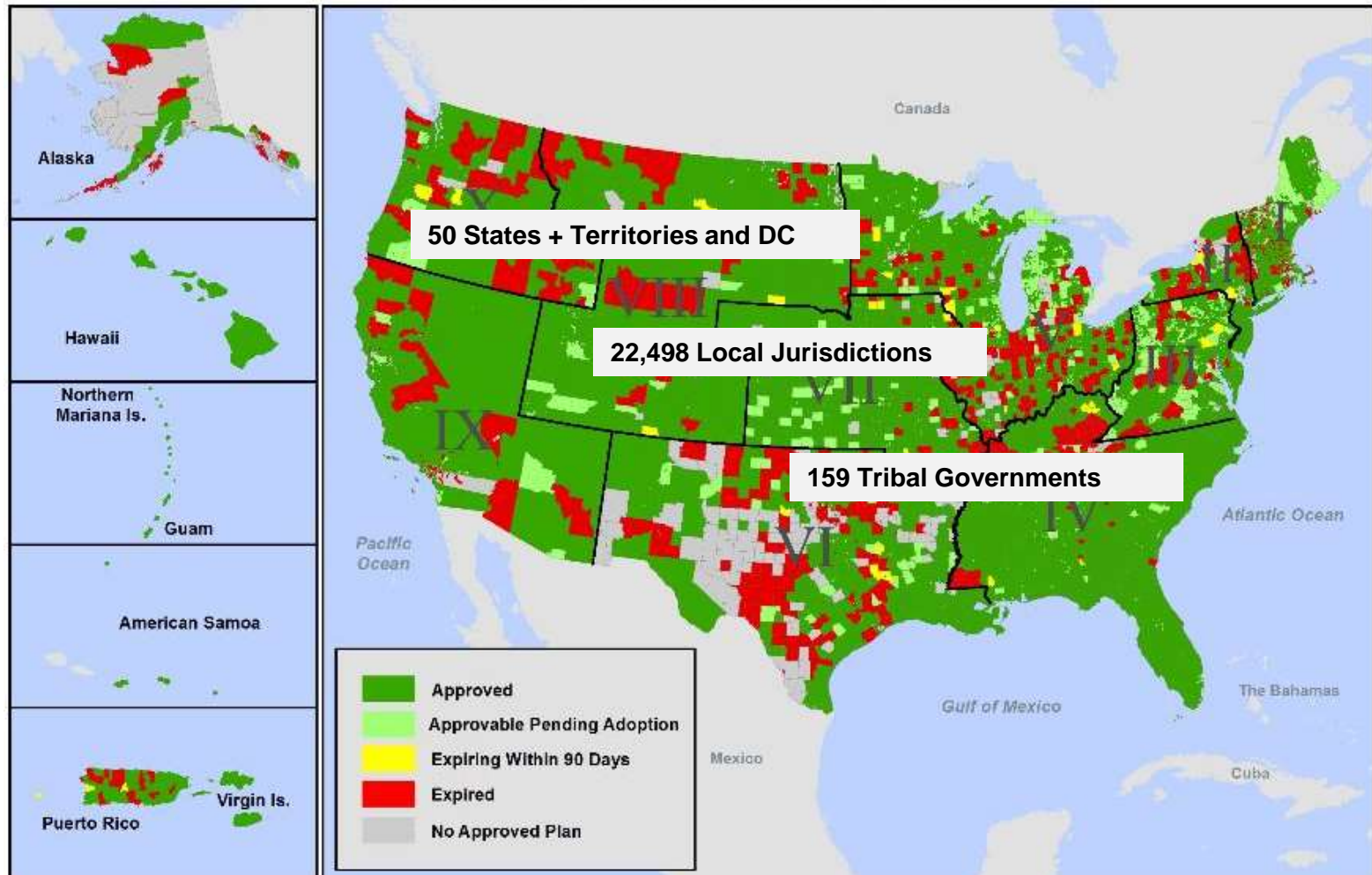
Cathleen Carlisle



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Hazard Mitigation Plans

Local Hazard Mitigation Plan Status as of April 1, 2018



Why do Mitigation Planning?

The purpose of mitigation planning is for **State, local, and Indian tribal governments** to identify the natural hazards that impact them, to identify actions and activities to reduce any losses from those hazards, and to establish a coordinated process **to implement the plan, taking advantage of a wide range of resources.**

-44 CFR §201.1(b)



Why do Mitigation Planning?

- ☐ Preserve life and safety
- ☐ Identifying risk reduction actions with stakeholders and the public
- ☐ Focusing resources on the greatest risks and vulnerabilities.
- ☐ Build and strengthen partnerships – internal and external

Why do Mitigation Planning?

- ☐ Increasing education and awareness of threats and hazards, as well as their risks.
- ☐ Preserve the unique character of your community
- ☐ Integrate mitigation strategy into other community plans

Why do Mitigation Planning?

Funding/Financial Incentives



FEMA HMA Grants Eligibility

NFIP Discount – CRS Credits

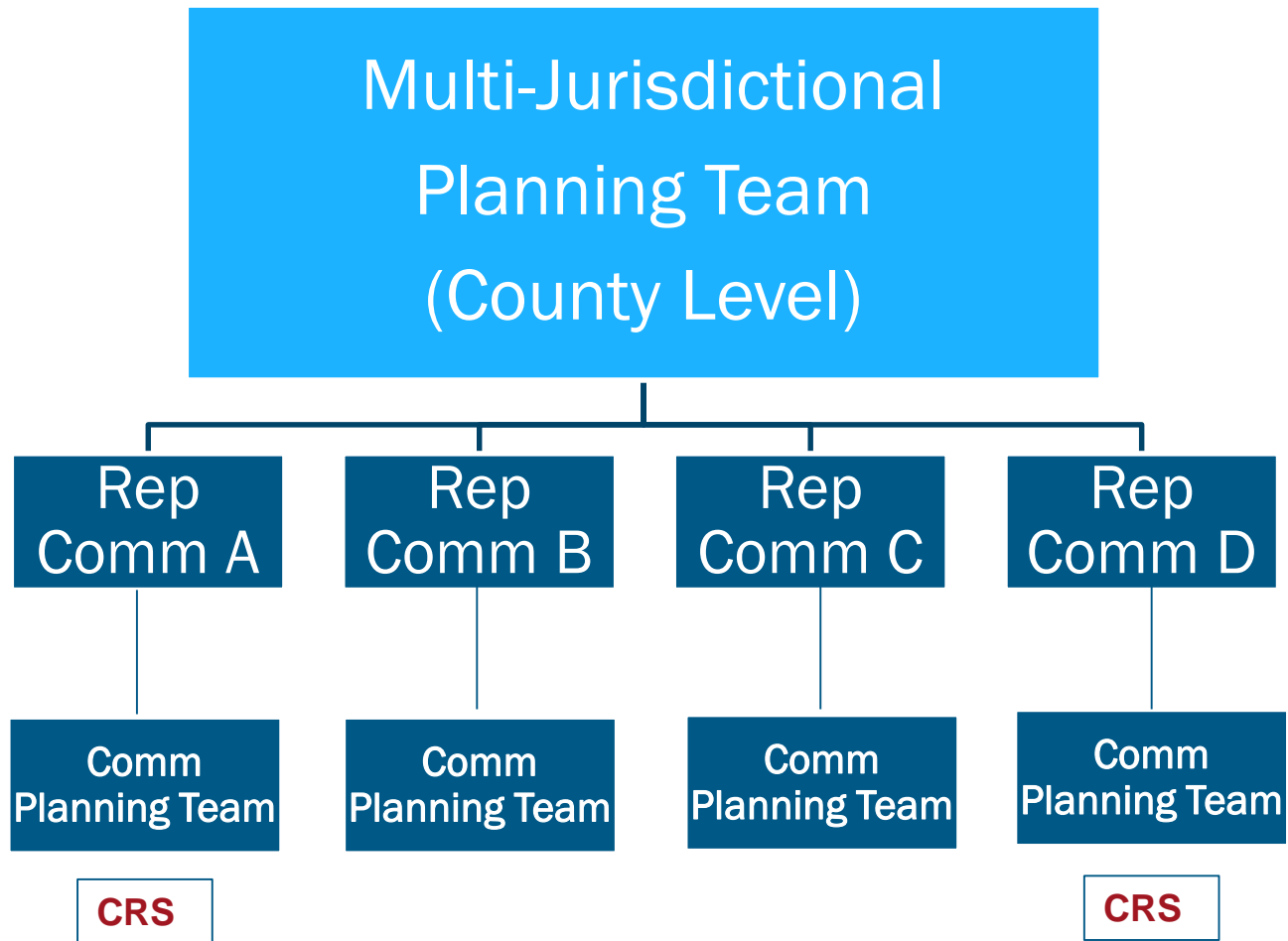


The Planning Process and the Planning Team

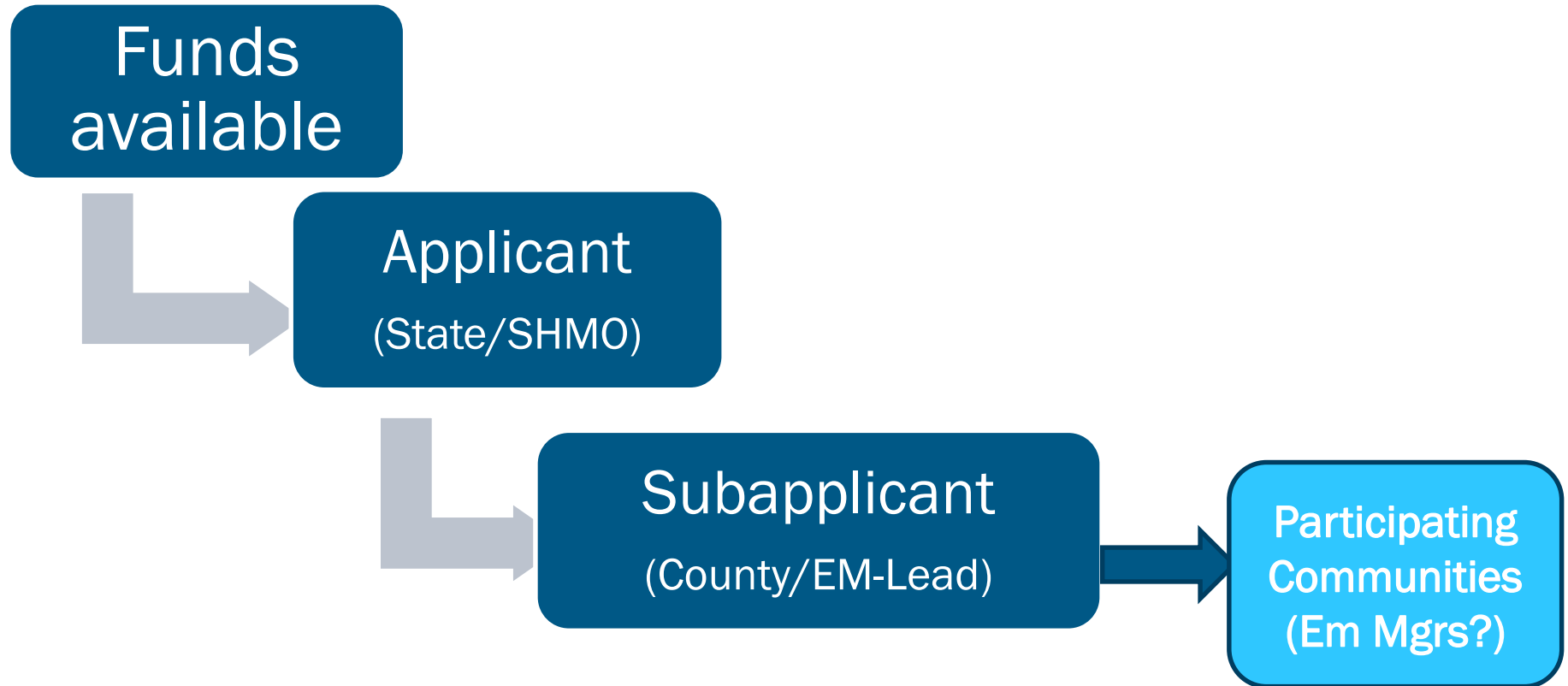
Example - Planning Team at the Local Level

Emergency Mgr	Floodplain Mgr.	Public Information Office
Comm Planner- Land Use	Public Works	Parks-Open Space
Building Code Enforcement	DOT	Environment- Stormwater

Planning Process and the Planning Team



Planning for the Mitigation Plan



Planning for the Mitigation Plan

Coordinate with the multi-jurisdictional plan lead in your community to determine a strategy for the Mitigation Plan Update. **If possible, do this before the grant application is developed and submitted**

Represent your community on the Multi-jurisdictional planning team

Work with the community lead to establish the planning team at the **community level** – bring back information and coordinate with the community team

Team up with other communities that are interested in meeting the CRS requirements

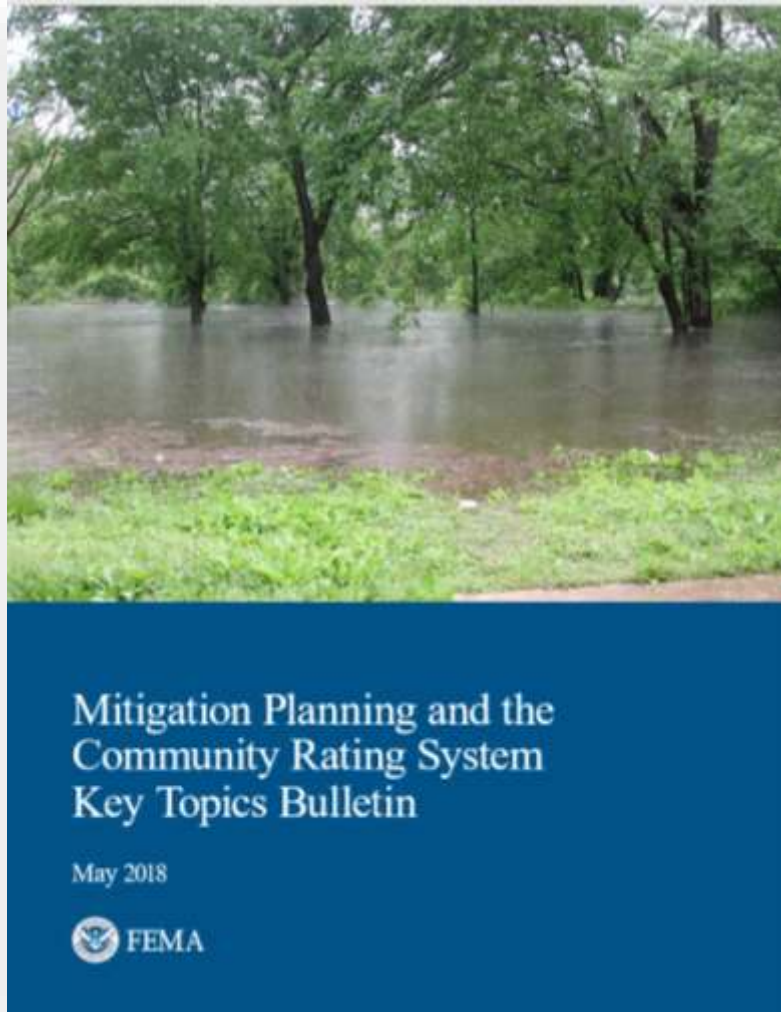
How to Save

French Wetmore



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Key Topics Bulletin



WHO SHOULD USE THIS BULLETIN?

This bulletin is designed for the people who prepare local mitigation plans and who want to improve the flood mitigation components of their plans and help reduce the cost of flood insurance in the CRS communities covered by their plans.

This bulletin assumes the reader is familiar with FEMA guidance for mitigation planning.

Table of Contents



Incorporating CRS Credits in Mitigation Planning

Element B. Hazard Identification and Risk Assessment

Element C. Mitigation Strategy

Element D. Plan Review, Evaluation, and Implementation

Element E. Plan Adoption

App. 1. References and Resources

App. 2. 510 Floodplain Management Planning Checklist

Key Topics Bulletin

CRS Planning Criteria



The CRS 10-step Planning Process

Repetitive Loss Properties

Activity 510 (Floodplain Management Planning) Scoring

CRS Class 4 Prerequisite

Plan Maintenance

Multi-jurisdictional Planning

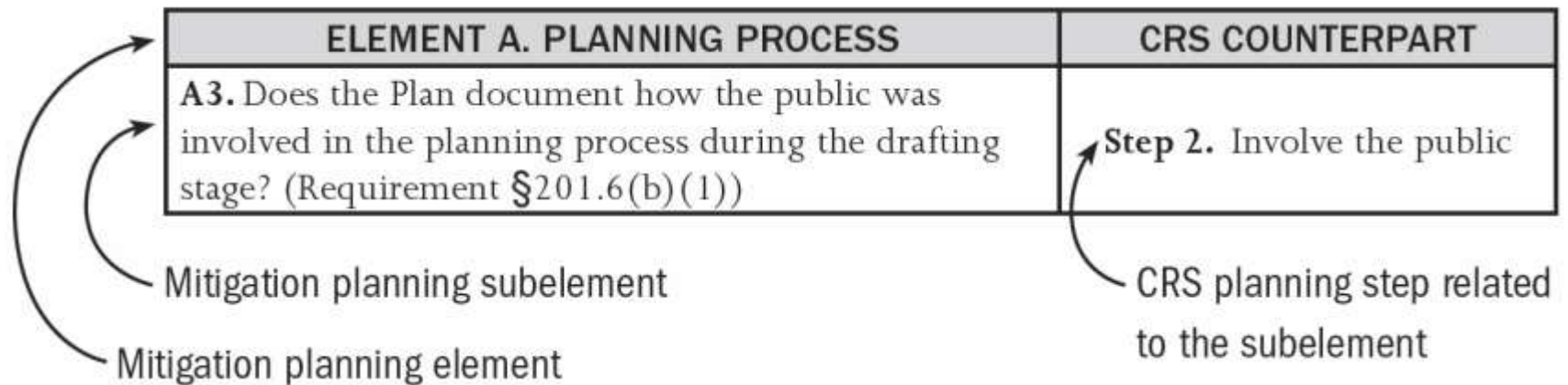
Key Topics Bulletin

Incorporating CRS Credits in Mitigation Planning Regulation Checklist

<u>ELEMENT</u>	<u>REQUIREMENTS</u>
<p>A1. Does the Plan document the planning process, including how it was prepared and who was involved in the process for each jurisdiction? 44 CFR 201.6(c)(1)</p> <p><i>Intent: To inform the public and other readers about the overall approach to the plan's development and serve as a permanent record of how decisions were made and who was involved. This record also is useful for the next plan update.</i></p>	<p>a. Documentation of how the plan was prepared must include the schedule or timeframe and activities that made up the plan's development as well as who was involved. Documentation typically is met with a narrative description, but may also include, for example, other documentation such as copies of meeting minutes, sign-in sheets, or newspaper articles.</p> <p><i>Document means provide the factual evidence for how the jurisdictions developed the plan.</i></p> <p>b. The plan must list the jurisdiction(s) participating in the plan that seek approval.</p> <p>c. The plan must identify who represented each jurisdiction. The Plan must provide, at a minimum, the jurisdiction represented and</p>

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Incorporating CRS Credits in Mitigation Planning



The CRS's definition of public involvement is more structured than what is provided in the local mitigation plan guidance. CRS Step 2 provides four ways to get CRS credits.

- a. **Include members of the public on the planning committee.** Full credit (60 points) is provided if at least half the committee members represent the public or are "stakeholders." The points are prorated based on the percentage of public members on the committee.

Top 5 Reasons You Don't Score Well

Reason #5 **Didn't follow the process**

- A program based on a well-thought out plan is better than an ad hoc program
- Agencies want plans but can't dictate what the plan recommends
- They have to trust the results if the community followed a good planning process

“Process is as important as the plan itself. In mitigation planning, as with most other planning efforts, the plan is only as good as the process and people involved in its development.”
Local Mitigation Planning Handbook, page 1-2.

CRS Planning Steps**
1. Organize to prepare the plan
2. Involve the public
3. Coordinate
10. Implement, evaluate, revise
4. Assess the hazard
5. Assess the problem
6. Set goals
7. Review possible activities
8. Draft an action plan
10. Implement, evaluate, revise 5-year update
9. Adopt the plan

Top 5 Reasons You Don't Score Well

Reason #4 Missed a step

Most plans:

- Miss 1 step → no credit

FEMA approved HM plans:

- Miss 1 step → max 50 points
- Miss 2 steps → no credit

69 communities are capped at 50 points

Average for the rest: 186

CRS Planning Steps**
1. Organize to prepare the plan
2. Involve the public
3. Coordinate
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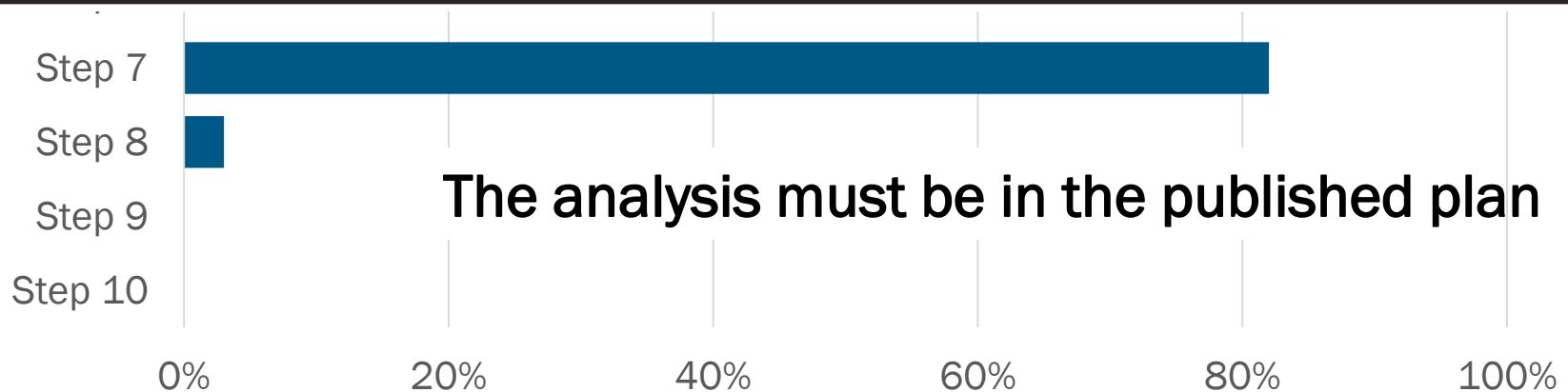
Top 5 Reasons You Don't Score Well

Reason #4 Missed a step

Steps Missing from Mitigation Plans



C4. Does the Plan identify and analyze a comprehensive range of specific mitigation actions and projects for each jurisdiction being considered to reduce the effects of hazards, with emphasis on new and existing buildings and infrastructure? (Requirement §201.6(c)(3)(ii))



Top 5 Reasons You Don't Score Well

Reason #3 **Multi-jurisdictional plan**

- Good reasons for a multi-jurisdictional plan
- But: Don't want the community lost in the large group
- CRS communities must participate on a committee
 - > 2 representatives from the community
 - > ½ of the representatives must be at all meetings
 - Committee must meet ≥ 5 times



Top 5 Reasons You Don't Score Well

Reason #2 **Didn't involve the public**

- Experienced planners say public involvement is most important
→ More points under Step 2. Involve the public (120)
- Most points in Step 2 is for a planning committee
 - Max if $> \frac{1}{2}$ the members from public or stakeholders
 - Meets multi-jurisdictional plan criteria, too



Top 5 Reasons You Don't Score Well

Reason #2 Didn't involve the public

Sample Multi-Jurisdictional Planning Committee Membership			
County	Big City	Small Town A	Small Town B
Emergency manager (emergency services)	Comm. development (property protection)	Building official (preventive)	Public works/drainage (flood control projects)
Planning/zoning (preventive)	Park naturalist (nat. resource protection)	Police officer (emergency services)	Volunteer fireman (emergency services)
Sheriff (emergency services)	Mayor's public info officer (public info)	<i>Stakeholders</i>	<i>Stakeholders</i>
		Building contractor	Insurance agent
<i>Stakeholders</i>	<i>Stakeholders</i>	School district	Floodplain resident
Forestry/lumber co.	Community activist	Small Town C	Small Town D
Farmers organization	Community college	City clerk	Public works
Floodplain resident	Banker	City council member	City council member
Marina operator	Homeowners' Assoc.	<i>Stakeholders</i>	<i>Stakeholders</i>
		Fire district	Citizen
		Hardware store	Real estate agent

Top 5 Reasons You Don't Score Well

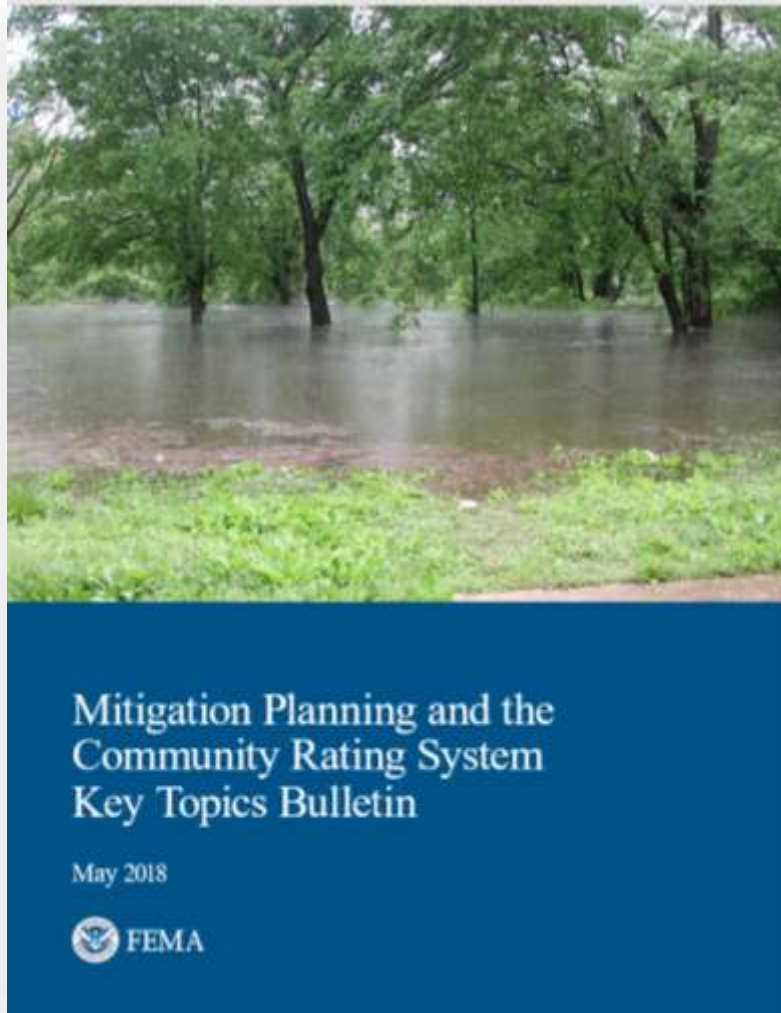
Reason #1 **Didn't follow the process**



Remember – the credit is for the planning process. The CRS steps are specific and need to be met. Once the process starts, it may be too late to change it.

Read the book(s) before starting

Key Topics Bulletin



Why you don't score well

5. Didn't follow the process
4. Missed a step
3. Multi-jurisdictional plan
2. Didn't involve the public
1. Didn't follow the process

Thank You!



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