



FEMA

Risk MAP

Mapping, Assessment & Planning

Arkansas Partnership Meeting



RiskMAP

Increasing Resilience Together



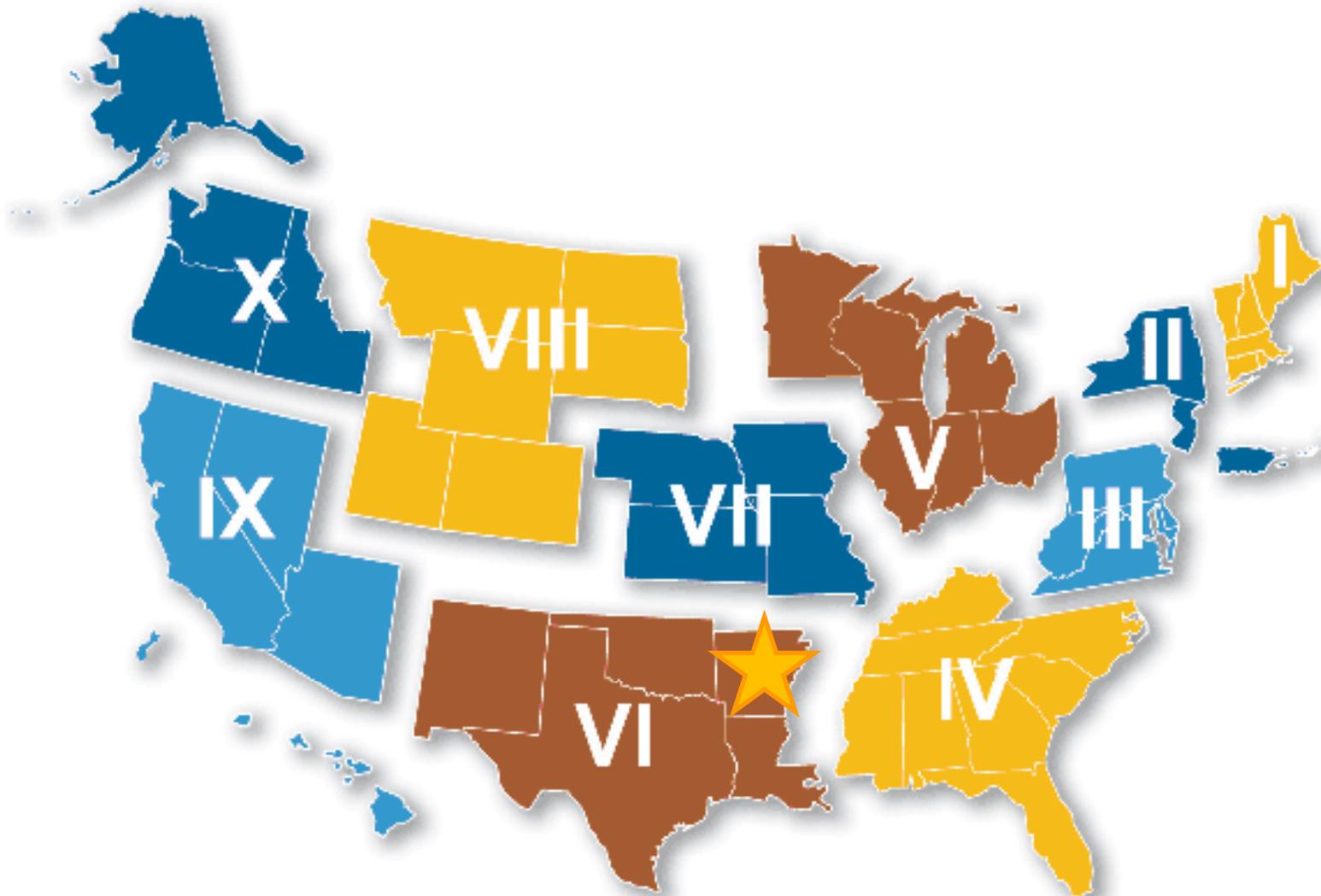
FEMA's Mission

.... to **support** our citizens and first responders to ensure that as a Nation we **work together to build, sustain, and improve our capability** to prepare for, protect against, respond to, recover from, and mitigate all hazards.



FEMA

FEMA Region 6



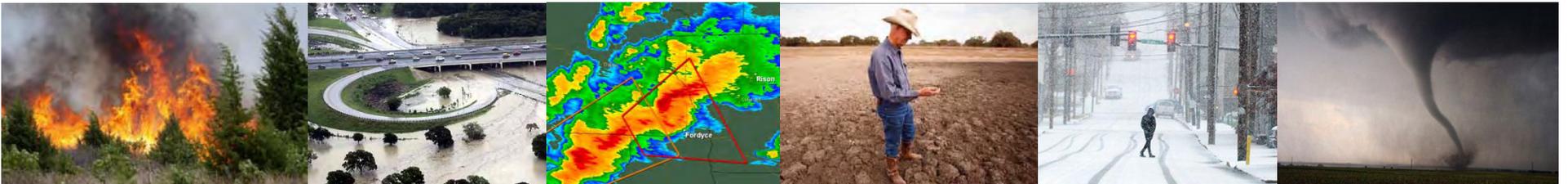
National Flood Insurance Program (NFIP)



- **Program requirements are intended to:**
 - Prevent loss of life and property
 - Reduce taxpayer costs for disaster relief
 - Minimize economic and social hardships that result from flood events
- **Program is administered at the local level**
- **Support is available for communities through the State NFIP Coordinator and FEMA staff**

Our Goal for Communities...

- **Actively participating communities who**
 - Assess and understand their natural hazard risk
 - Utilize tools, services and products to make informed decisions
 - Actively update their hazard mitigation plans
 - Actively engage with our agency to implement projects to reduce natural hazard risk
 - Inform and educate their residents and business owners of natural hazard risk



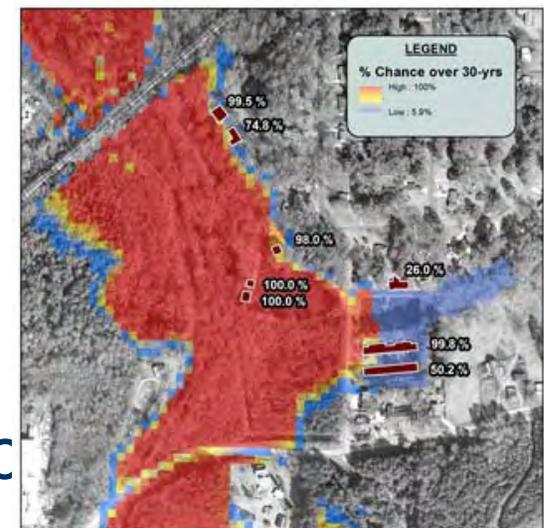
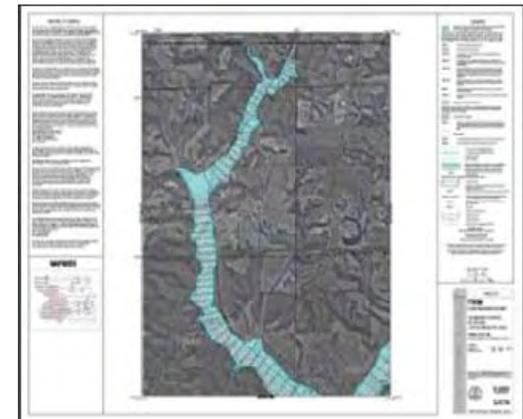
Risk MAP: The Vision

Through collaboration with State, Local, and Tribal entities, Risk MAP will deliver quality data that increases public awareness and leads to action that reduces risk to life and property.



Risk MAP: Changing the Way We Do Business

- **Moving away from Maps**
 - Focus on Action
 - Insurance Considerations
- **Decisions at Resilience**
 - Proceed with Regulatory Map?
 - BFE Change > 0.5 ft
 - SFHA Change >10%
 - Leverage Non-Regulatory Products
 - Capture Potential Actions



Risk MAP: Changing the Way We Do Business

- **Responsibility Shift to States**
 - Wider Authority
 - More logical for Large HUC-8
 - Local/Regional CTP work with the States
 - Leveraging State Business Plans
 - Incorporate Local knowledge



Project Selection – Determining Factors

■ FEMA Metrics

- **Deployment** - measurement of nation's population that has received a Risk MAP project
- **NVUE** – measurement of New, Validated and Updated Engineering in comparison to all modernized streams within FEMA's mapped inventory (Quality Data)
- **Awareness** – National survey measurement of general public awareness to flood hazards within their community
- **Action** – Measurement of Community Mitigation Actions influenced by Risk MAP project data and outreach



Risk MAP Metrics



Action Measure

What is the Risk MAP Action Measure?

- **Measurement of success for a community taking action to reduce risk**
- **Risk MAP has adopted a phased approach**
 - Action Measure 1 (Action Identified)
 - Action Measure 2 (Action Advanced)

Action Definition

What kinds of activities reduce Risk?



- A community initiated action that reduces long term risk

Community Engagement

■ Partnerships are essential....

- We need the support of our Federal, State and Regional partners for successful distribution

■ Education is the key....

- Majority of stakeholders will make the right decision if they are a part of the process
- Survey results indicate communities and residents are unsure of what to do in order to reduce their natural hazard risk

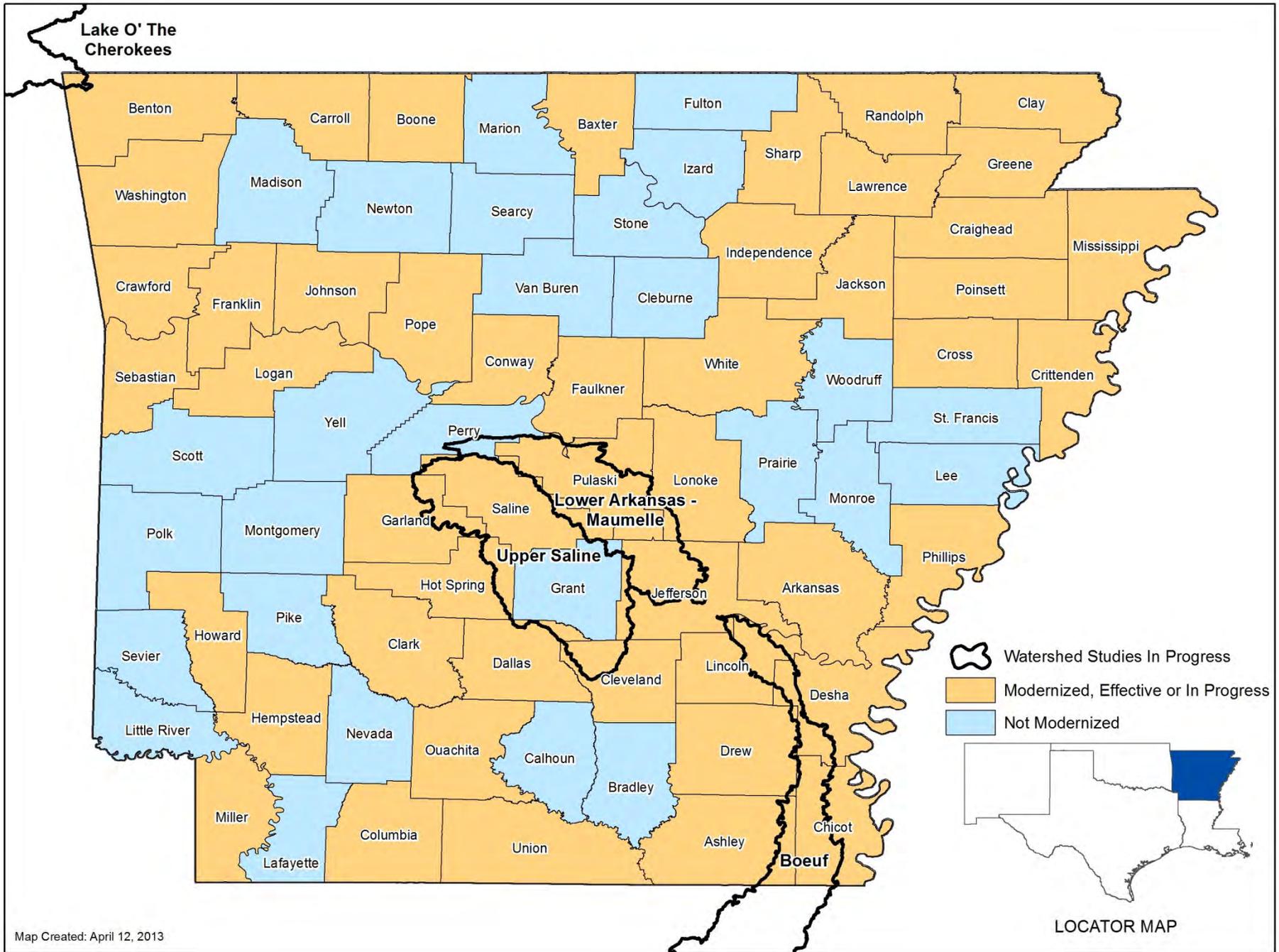
■ Risk Communication...

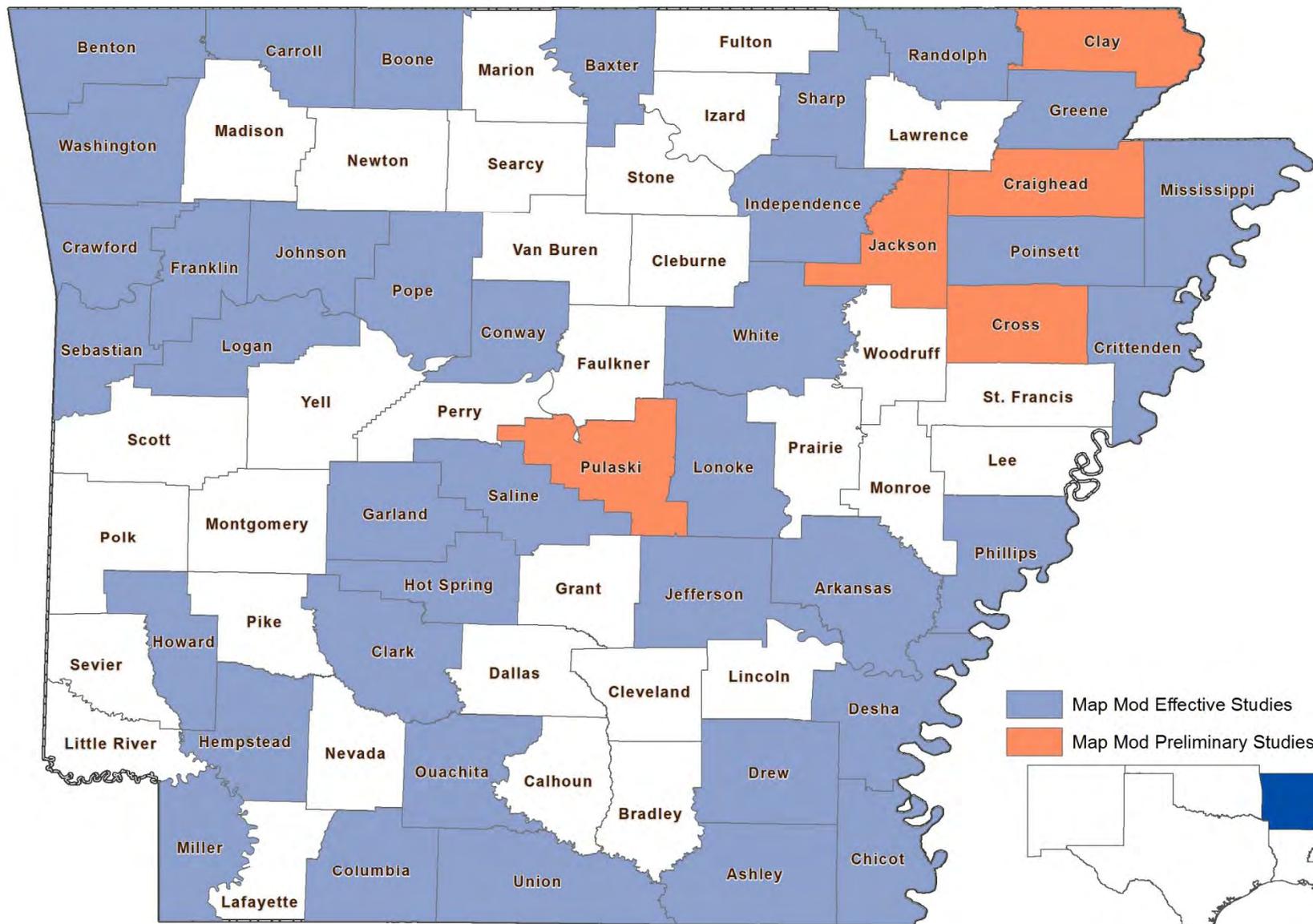
- Consistent messaging to all communities
- Consider lowest cost, broadest audience



using key messages in all communications

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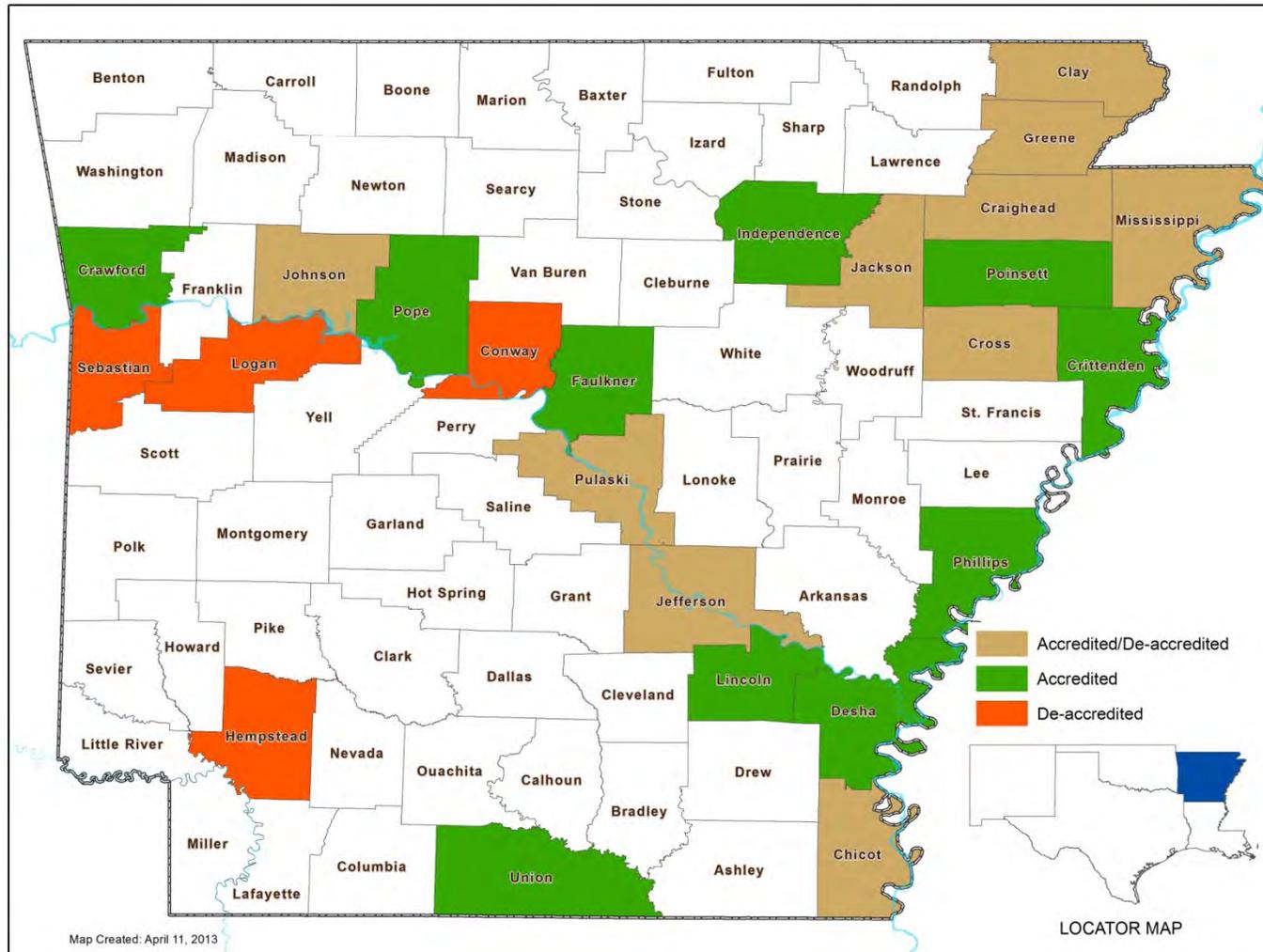


■ Map Mod Effective Studies
■ Map Mod Preliminary Studies



LOCATOR MAP

Levee Status in Arkansas



Levee Status

County	Accredited	De-accredited
Chicot	1	2
Clay	0	3
Conway	0	8
Craighead	1	1
Crawford	2	0
Crittenden	1	0
Cross	1	1
Desha	5	0
Faulkner	1	0
Greene	0	1
Hempstead	0	1
Independence	1	0
Jackson	1	2

County	Accredited	De-accredited
Jefferson	5	2
Johnson	1	1
Lincoln	1	0
Logan	0	1
Miller	0	1
Mississippi	1	3
Phillips	5	0
Poinsett	4	0
Pope	1	0
Pulaski	3	7
Sebastian	0	1
Union	1	0

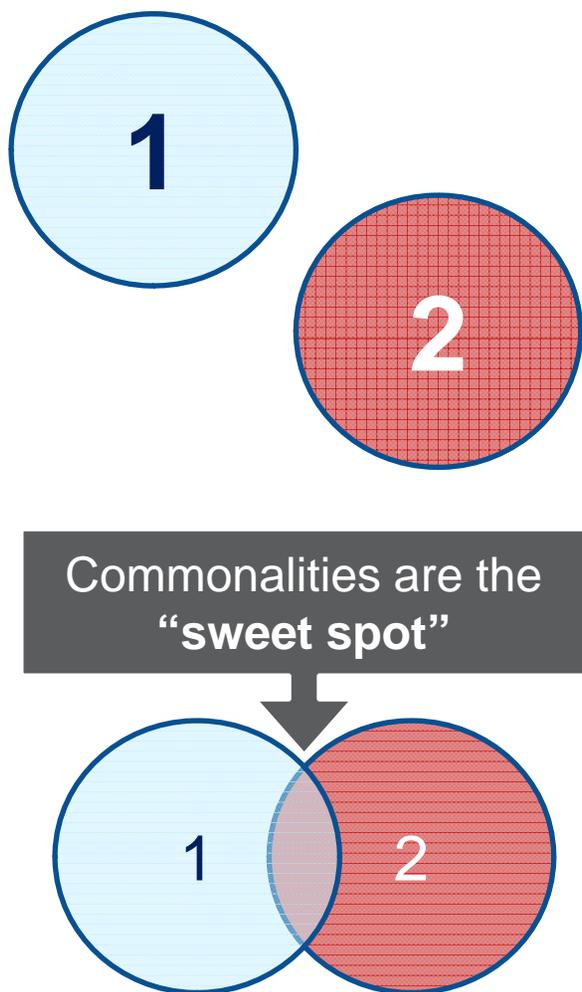
* Accreditation Status shown here may be different than what is shown on the Effective FIRM.

Our Goal...

Assisting communities in overcoming obstacles to mitigate their future natural hazard risk today



How you can help....



- **We would like to share data with other agencies and departments/disciplines within the State**
 - Topographic Data
 - Hydrologic and Hydraulic studies
 - Proposed projects
 - Planning projects
 - Post-Disaster projects
- **Many Disciplines....Shared Data?**



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