

Christian County Hazard Mitigation Plan Update Meeting #3

December 11, 2019

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Outline

- Participation overview
- Process recap
- Mitigation goals and actions
- Future meeting dates



Local Plan Participation

- Attend a minimum of 2 Mitigation Planning Committee meetings
- Documentation of Time and Effort
- Adoption of the Hazard Mitigation Plan
- Complete Capabilities Survey
 - Current Plans
 - Additional Questions
 - Provide Insured Replacement Cost for Structures and Contents



Time & Effort Reporting

- Hourly rate for volunteer time in Missouri:
 - \$23.96
- Federal mileage rate:
 - 58¢ per mile



9 Tasks in the Planning Process

- Task 1: Determine the Planning Area and Resources → **Completed**
- Task 2: Build the Planning Team → **YOU ARE THE TEAM!**
- Task 3: Create an Outreach Strategy → **August 7, 2019**
- Task 4: Review Community Capabilities → **Questionnaire**
- Task 5: Conduct a Risk Assessment → **October 2, 2019**
- Task 6: Develop a Mitigation Strategy → **Today and Meeting #4**
- Task 7: Review and Adopt the Plan → **Meeting #5 and on your own**
- Task 8: Keep the Plan Current → **That's YOU!**
- Task 9: Create a Safe and Resilient Community → **That's YOU!**



Mitigation: Goals and Actions

- Goals are general guidelines that explain what you want to achieve- long-term, broad, policy-type statements.
- Mitigation Actions are specific actions that help achieve goals.
 - Losses from hazards can be reduced if communities take action before the next disaster
 - Long term and cumulative benefits
 - Some may be low-cost, readily adopted
 - Some may be dependent on available funding or best implemented following a disaster

Presidential Disaster Declarations 2000-Present (17)

Disaster Number	Description	Declaration Date Incident Period	Individual Assistance (IA) Public Assistance (PA)
4317	Severe Storms, Tornadoes, Straight-Line Winds, Flooding	June 2, 2017	Public Assistance
3374	Severe Storms, Tornadoes, Straight-Line Winds, Flooding	January 2, 2016	Public Assistance
4238	Severe Storms, Tornadoes, Straight-line Winds, Flooding	August 7, 2015	Public Assistance
1980	Severe Storms, Tornadoes, and Flooding	May 9, 2011	Public Assistance
3317	Severe Winter Storm	February 3, 2011	Public Assistance
1847	Severe Storms, Tornadoes, Flooding	June 19, 2009	Public Assistance
3303	Severe Winter Storms	January 30, 2009	Public Assistance
1809	Severe Storms, Flooding, Tornado	November 13, 2008	Public Assistance
1773	Severe Storms, Flooding	June 25, 2008	Individual & Public Assistance
1749	Severe Storms, Flooding	March 19, 2008	Individual & Public Assistance
1748	Severe Winter Storms, Flooding	March 12, 2008	Public Assistance
3281	Severe Winter Storms	December 12, 2007	Public Assistance
1676	Severe Winter Storms, Flooding	January 15, 2007	Public Assistance
1631	Severe Storms, Tornadoes, Flooding	March 16, 2006	Individual & Public Assistance
3232	Hurricane Katrina Evacuation	September 10, 2005	Public Assistance
1463	Severe Storms, Tornadoes, Flooding	May 6, 2003	Individual & Public Assistance
1412	Severe Storms, Tornadoes, Flooding	May 6, 2002	Individual & Public Assistance



Hazards Identified

- Dam Failure
- Drought
- Earthquake
- Extreme Temperatures
- Land Subsidence/ Sinkholes
- Riverine and Flash Flood
- Severe Thunderstorm/ High Winds/ Lightning/ Hail
- Tornado
- Wildfire
- Severe Winter Weather

Mitigation: Goals and Actions

- 2016 Plan Goals:

- 1) Protect the lives and livelihoods of all citizens.
- 2) Reduce the potential impact of natural disasters to property, infrastructure, and the local economy.
- 3) Ensure continued operation of government, emergency functions and critical infrastructure in a disaster.

- 2016 Participating Jurisdictions:

Christian County • Billings • Clever • Fremont Hills • Nixa • Ozark • Billings R-IV
Chadwick R-I • Clever R-V • Nixa R-II • Ozark R-VI • Sparta R-III • Spokane R-VI • OTC-
Richwood Valley Campus • Christian County Ambulance District • Billings Special Road
District • Ozark Special Road District

Mitigation: Goals

- Goal 1) Protect the lives and livelihoods of all citizens.
- Goal 2) Reduce the potential impact of natural disasters to property, infrastructure, and the local economy.
- Goal 3) Ensure continued operation of government, emergency functions and critical infrastructure in a disaster.
- Do we want to keep these, edit, or remove and make new goals?



Mitigation: Actions

- Updating/Developing Mitigation Actions
 - Previous Actions- status updates are required for all actions from previous plan – FEMA WILL NOT APPROVE WITHOUT
- Current Status
- New Actions – add new actions as appropriate



Mitigation: Goals and Actions

- Actions must be SMART

SMART



Mitigation: Goals and Actions

- Actions to keep?
- Actions to add?

STAPLEE Worksheet:

- Social
- Technical
- Administrative
- Political
- Legal
- Economical
- Environmental



STAPLEE Worksheet					
Name of Jurisdiction:					
Action or Project					
Action/Project Number:	Insert a unique action number for this action for future tracking purposes. This can be a combination of the jurisdiction name, followed by the goal number and action number (i.e. Joplin1.1)				
Name of Action or Project:					
Mitigation Category:	Prevention; Structure and Infrastructure Projects; Natural Systems Protection; Education and Outreach; Emergency Services				
STAPLEE Criteria	Evaluation Rating	Score			
	Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0				
S: Is it Socially Acceptable					
T: Is it Technically feasible and potentially successful?					
A: Does the jurisdiction have the Administrative capacity to execute this action?					
P: Is it Politically acceptable?					
L: Is there Legal authority to implement?					
E: Is it Economically beneficial?					
E: Will the project have either a neutral or positive impact on the natural Environment ?					
Will historic structures be saved or protected?					
Could it be implemented quickly?					
STAPLEE SCORE					
Mitigation Effectiveness Criteria	Evaluation Rating	Score			
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives will be saved.				
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.				
MITIGATION EFFECTIVENESS SCORE					
TOTAL SCORE (STAPLEE + Mitigation Effectiveness)					
<table border="0" style="width: 100%;"> <tr> <td style="text-align: center;">High Priority (30+ points)</td> <td style="text-align: center;">Medium Priority (25 - 29 points)</td> <td style="text-align: center;">Low Priority (<25 points)</td> </tr> </table>			High Priority (30+ points)	Medium Priority (25 - 29 points)	Low Priority (<25 points)
High Priority (30+ points)	Medium Priority (25 - 29 points)	Low Priority (<25 points)			

Completed by
(Name, Title, Phone Number) _____

Future Meetings

Meeting 4:
February 5, 2020, 11 a.m.

- STAPLEE Scoring of Mitigation Strategies
 - Questions

Meeting 5:
April 1, 2020, 11 a.m.

- Final Wrap-Up
- Plan Maintenance



Draft Plan Submitted to SEMA: October 1, 2020
Final Plan Approval By: January 1, 2021

Thank you for your time!

Any questions?



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For more information, visit our website

www.smcog.org