

San Miguel County All Hazard Mitigation Plan



HAZARD MITIGATION PLAN UPDATE

Due December 15, 2015



PLAN PURPOSE

- The purpose of the hazards mitigation plan is to reduce or eliminate long-term risk to people and property from natural hazards.

WHY KEEP THE PLAN CURRENT?

- The 2005 plan was revised in 2010 pursuant to the requirements of the Disaster Mitigation Act of 2000 which requires a five year revision in order to achieve eligibility for the Federal Emergency Management Agency (FEMA) Flood Mitigation Assistance, Pre-Disaster Mitigation, and Hazard Mitigation Grant Programs

Planning Process

San Miguel County Sheriff's Office

ORGANIZE RESOURCES

- Step 1: Organize The Planning Effort
- Step 2: Public Involvement
- Step 3: Departments And Agencies Coordination

ASSESS RISK

- Step 4: Identify The Hazards
- Step 5: Assess The Risks

DEVELOP THE MITIGATION PLAN

- Step 6: Set Goals
- Step 7: Review Possible Activities

IMPLEMENT THE PLAN AND MONITOR PROGRESS

- Step 9: Adopt The Plan
- Step 10: Implement, Evaluate, And Revise
The Plan

RISK ASSESSMENT

- Hazard Identification
 - Wildfire
 - Extreme Winter Weather
 - Drought
 - Critical Infrastructure Failure
- Disaster Declaration History
- Hazard Profiles

Roles and Responsibilities

San Miguel County Sheriff's Office

County Sheriff/Emergency Management Coordinator

- Oversee, manage, and document completion of all project tasks
- Serve as lead coordinating agency
- Assist with collection of documents, GIS data and other information
- Coordinate logistics for all project meetings
- Hosting and managing project collaboration and sharing
- Responding to general inquiries from the public, stakeholders, etc.
- Coordinating with all participating jurisdictions

Participating Jurisdictions

- Designate Local Jurisdiction Lead (primary POC)
- Attend Planning Team meetings
- Coordinate logistics for local jurisdiction meetings (if applicable)
- Assist with data collection and information sharing
- Coordinate with and report back to other local staff, officials, etc.
- Assist with public outreach
- Develop/Update Mitigation Action Plans
- Review and comment on draft plan materials
- Coordinate local plan adoption procedures

INTRODUCTION

BACKGROUND

JURISDICTION PROFILES

SAN MIGUEL COUNTY

INCORPORATED AREAS

FIRE PROTECTION DISTRICTS

THE PLANNING PROCESS

BACKGROUND

PLANNING REQUIREMENTS

ORGANIZE RESOURCES

COORDINATION

LOCAL COMPREHENSIVE PLANS

INVOLVE THE PUBLIC

HAZARD IDENTIFICATION

IDENTIFYING HAZARDS

NATURAL HAZARDS

MANMADE HAZARDS

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RISK ASSESSMENT

ASSESSMENT PROCESS

EXISTING MITIGATION CAPABILITIES

VULNERABILITY ASSESSMENT

EXPOSURE ASSESSMENT

CRITICAL FACILITY AND INFRASTRUCTURE INVENTORY

CRITICAL FACILITIES

CRITICAL INFRASTRUCTURE

CRITICAL FACILITIES POTENTIALLY AT RISK

MITIGATION STRATEGY

IMPLEMENTATION AND MAINTENANCE

IMPLEMENTATION

MAINTENANCE 130

APPENDIX A: MITIGATION ACTION WORK PLAN

OPHIR MITIGATION ACTIONS

TOWN OF MOUNTAIN VILLAGE

TOWN OF NORWOOD

TOWN OF SAWPIT

TOWN OF TELLURIDE

SAN MIGUEL COUNTY

TELLURIDE FIRE PROTECTION DISTRICT

EGNAR SLICKROCK FIRE PROTECTION DISTRICT

NORWOOD FIRE PROTECTION DISTRICT

APPENDIX B: PLANNING DOCUMENTS

STAKEHOLDER LETTER

ORIGINAL STAKEHOLDER MAILING LIST

NEWS RELEASE

STAKEHOLDER MEETING SIGNUP SHEETS

OCTOBER MEETING SIGNUP

NOVEMBER MEETING SIGNUP

JANUARY MEETING SIGNUP

APPENDIX C: RECORDS OF ADOPTION

APPENDIX D: CWPP PRIORITIZED MITIGATION ACTIONS

APPENDIX E: WILDFIRE FIRE EVENTS AND CAUSES 1

Current All Hazard Plan

- Immediate issues or concerns?
- Changes in hazard risks / development trends?
- Changes in local capabilities / resources?
- Changes in local priorities?
- Progress in local mitigation efforts?
- Plan evaluation and maintenance?

Hazard	County Risk		Telluride Risk		Mtn. Village Risk		Ophir Risk		Sawpit Risk		Norwood Risk	
	Perception		Perception		Perception		Perception		Perception		Perception	
Wildfire	High	5.53	Medium	4.0	High	5.5	Medium	3.5	High	5.53	High	6.0
Drought	High	4.73	Medium	4.0	High	5.5	Low	3.0	High	4.73	High	6.0
Extreme Winter Weather	High	4.42	Medium	4.0	Medium	4.0	High	4.5	High	4.42	Medium	4.0
Critical Infrastructure Failure	High	4.33	Medium	4.0	Medium	4.0	Low	2.0	High	4.33	Medium	4.0
Severe Weather: (Hail, Lightning, Heavy Rain, Tornadoes and High Winds)	Medium	3.72	Medium	3.8	Medium	4.0	Low	3.0	Medium	3.72	Low	3.0
Riverine Flooding	Medium	3.52	Medium	4.0	Low	3.0	Medium	4.0	Medium	3.52	Low	3.0
Hazardous Materials Spill	Medium	3.5	Low	3.0	Medium	4.0	Low	2.0	Medium	3.5	Low	2.0
Pandemic Flu	Medium	3.41	Medium	4.0	Medium	4.0	Medium	3.41	Medium	3.41	Medium	4.0
Avalanche	Medium	3.25	Low	1.0	Low	1.0	High	4.5	Low	0	Low	0
Debris Flow, Landslides and Rockfall	Medium	3.25	High	5.0	Low	3.0	Medium	4.0	High	4.25	Low	0
Street Flooding	Low	2.81	Medium	4.0	Low	1.5	Low	3.0	Low	3.5	Low	3.0
Earthquake	Low	2.65	Low	2.0	Low	3.0	Low	3.0	Low	2.65	Low	1.0
Terrorism	Low	2.53	Low	2.5	Low	2.5	Low	2.0	Low	2.53	Low	0.0
Ice Jam Flooding	Low	2.25	Low	2.0	Low	1.0	Low	0.0	Low	2.25	Low	1.0
West Nile	Low	2.0	Low	0.0	Low	1.0	Low	2.0	Low	2.0	Low	3.0
Plague	Low	2.0	Low	0.0	Low	1.0	Low	2.0	Low	2.0	Low	2.0
Dam Failure	Low	1.8	Low	0.0	Low	1.0	Low	0.0	Low	1.8	Low	1.0
Transportation Accidents	Low	2.8	Low	0.0	Low	1.0	Low	1.0	Low	2.5	Low	1.0
Technological Hazards	Low	0.0	Low	2.0	Low	2.0	Low	1.0	Low	1.0	Low	0.0

Participatory Planning Process

- Broad stakeholder involvement on Planning Team
- Inclusion of more qualitative information from each jurisdiction - capturing unique local issues and concerns
- Outreach efforts to better engage the public

Hazard Analysis & Risk Assessment

- Update existing hazard profiles with new critical information
- Update narrative summaries of vulnerability for each jurisdiction

Capability Assessment

- Update existing jurisdiction-specific assessments of resources available for hazard mitigation
- Incorporate new information on NFIP participation and existing floodplain management activities

Mitigation Strategy

- Update/develop specific, measurable actions for risk reduction based on hazard priorities, and unique vulnerabilities and capabilities of each jurisdiction
- Integrate with other local plans or procedures

Plan Maintenance

- Include procedures for plan to be easily implemented and routinely updated (annual team meetings)
- Promote broad participation, executive support, and overall “buy-in” to planning for a safer and more resilient future

Key Resources

- Current All Hazard Plan
 - Local mitigation plans
- State Planning Guidance
 - State Hazard Mitigation Plan
- FEMA Planning Guidance
 - Local Mitigation Planning Handbook
 - Mitigation Ideas
 - Integrating Hazard Mitigation Into Local Planning

Public Outreach

- Create public interest through the use of social media and the maintenance of a project website
- Solicit citizen input and engage targeted stakeholders in the plan update process
- Educate community on identified hazards, and potential mitigation and climate adaptation strategies
- Print copies of plan made available at public meetings and on project website

Next Steps

- Set meeting schedule - Proposed Dates
3rd/4th Monday - Core Planning Team
September 21, October 19, November 16
and December 14
- Team to complete 'Homework' by end of
next meeting (Worksheets 1, 2 and 3)
- Team to update current Mitigation
Projects

Worksheets

- Worksheet #1 is the Historical Hazard Event Data Collection Sheet which is used to gather historical events that have occurred in San Miguel County.
- Worksheet #2 is the Vulnerability worksheet used to determine the vulnerable populations, buildings, critical facilities, and infrastructure for each hazard that affects our jurisdiction. For this specific exercise, we will focus on the top three hazards affecting our county which includes, wildfires, floods, and rock falls.
- Worksheet #3 is the Capabilities Matrix which is filled out by each participating jurisdiction identifying various capabilities that exist with each entity.