

**CITY OF CALERA
INDIVIDUAL MITIGATION
ACTION PLAN**



**SHELBY COUNTY
ALABAMA
MULTI-JURISDICTIONAL
MULTI HAZARD
MITIGATION PLAN
2016**

TABLE OF CONTENTS

CITY OF CALERA MITIGATION ACTION PLAN.....	1
Geography/History.....	1
Significant Characteristics	2
Population and Demographics	2
Economy	2
Infrastructure.....	3
Mitigation Goals and Objectives	6
Multi-Jurisdictional Mitigation Actions	7
Mitigation Actions Prioritizing.....	7
Mitigation Actions	9



CITY OF CALERA MITIGATION ACTION PLAN

Geography/History

Calera is located at 33°6'27"N, 86°45'0"W (33.107572, -86.749964). According to the United States Census Bureau, the city has a total area of 12.9 square miles (33.5 km), of which, 12.9 square miles (33.4 km) of it is land and 0.04 square miles (0.1 km) of it (0.23%) is water.

Only a few families lived in Calera in early 1850, and the small community was called Buxahatchie. The arrival of the first railroad in Calera was chartered March 4, 1848, and the tracks were laid between January 1854 and June 15, 1855. "The first through train between Louisville, Kentucky and Montgomery, Alabama ran through Calera on September 28, 1872.

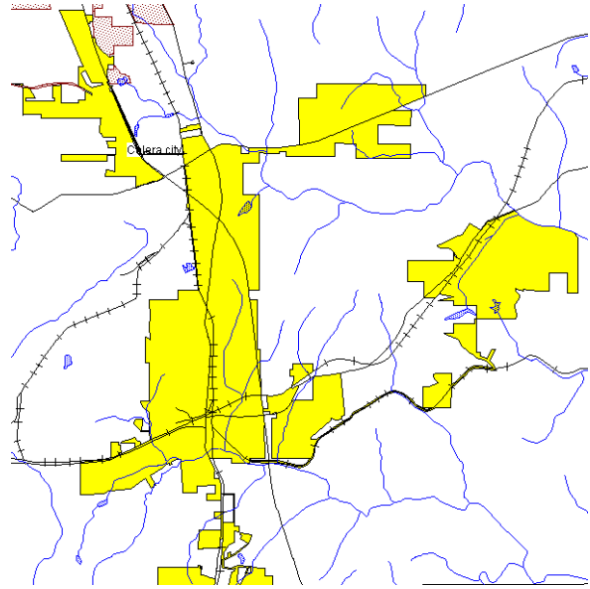
When the railroad arrived, lime workers came to settle, as the major industry in Calera was the manufacture of lime. In 1882 several limekilns were operating the place acquired the name of Limeville. A Confederate post office was established during the war years. During the war the name was changed to Lime Kilns, also referred to as Lime City and Lime Station. In 1860 "Limeville Baptist Church" was constituted.

According to railroad schedules and post office records, the community name was changed to Calera in 1869, when the U.S. post office was established. Calera comes from the Latin word "calx" meaning lime.

Calera was noted for its fine hotels, boarding houses and restaurants. The first hotel was built in 1872. However, it burned in 1874. The three major hotels, all conveniently located near the train depot, were The Moss House, the Calera House, or, as it was later called, The Calera Hotel or The Campbell House, probably the oldest of the three. The Vanderbilt was Calera's most renowned hotel. It was built in 1882

Several newspapers have been published in Calera over the years: the Shelby Sentinel, the Tariff and Labor Advocate, the Farmers' Alliance, the Shelby News, the Calera Journal, all of the nineteenth century; the Calera News, the Shelby County Review, and the Calera Independent, published in the twentieth century. The earliest of these, the Shelby Sentinel, formerly called the Shelby Guide, was first published Columbiana in 1875 and moved its offices to Calera in late 1883.

The Shelby Sentinel, dated January 18, 1883, indicated that there had been a school in Calera for "two or three years." On January 29, 1885 a petition was presented in the state legislature for the incorporation of Calera. On August 7, 1885 the citizens of Calera met to organize support for a permanent public high school. At the state fair in 1887 the Calera Shoe Factory won a prize for the best exhibit of Alabama manufactured shoes.





City of Calera
All Hazards Mitigation Action Plan

Significant Characteristics

Calera is home to the Heart of Dixie Railroad Museum; a three-block area which features antique locomotives and railcars, a railroad museum and excursion train rides. The museum contains a restored depot and railroad cars that sit outside the depot. A train, complete with snack and gift shop car, passenger cars from 1910-1950, engine, and caboose takes passengers down the rails through the forest.

The Calera Parks and Recreation Department provides quality leisure and cultural opportunities for all the citizens of Calera while protecting and enhancing Calera's natural heritage. The Parks and Recreations Department maintain three parks the Oliver Park Sports Complex, the George W. Roy Recreational Park and The Ackridge Arboretum Park.

Other notable characteristics include the Rolling Hills Camp, Dargin Community Center and the Nazarene Church Lake reservoir

Population and Demographics

As of the census of 2010, there were 11,620 people, 4,657 households, and 3,240 families residing in the city. The population density was 477.01 people per square mile. There were 4,657 housing units at an average density of 191.2/sq mi (41.9/km). The racial makeup of the city was 7.2% White, 23.0% Black or African American, 0.2% Native American, 0.6% Asian, 0% Pacific Islander, 2.9% from other races, and 2.9% from two or more races. 5% of the population was Hispanic or Latino of any race.

There were 4,657 households out of which 35.4% had children under the age of 18 living with them, 53.8% were married couples living together, 12.3% had a female householder with no husband present, and 30.4% were non-families. 25.9% of all households were made up of individuals and 14.9% had someone living alone who was 65 years of age or older. The average household size was 2.49 and the average family size was 3.01.

In the city the population was spread out with 26.5% under the age of 18, 2.5% from 15 to 19, 21.5% from 25 to 44, 8.3% from 45 to 64, and 3.5% who were 65 years of age or older. The median age was 31.3 years. For every 52.1 females there were 47.9 males. For every 39.4 females age 18 and over, there were 34.1 males.

Economy

The median income for a household in the city was \$60,993, and the median income for a family was \$62,117. Males had a median income of \$47,125 vs. \$37,888 for females. Per capita income for the city was \$24,391. About 9.6% of families and 12.6% of the population were below the poverty line, including 18.9% of those under age 18 and 7.8% of those ages 65 or over.

Below are the Single-family new house construction building permits in Calera:

- 2009: 174 buildings
- 2010: 163 buildings
- 2011: 106 buildings
- 2012: 103 buildings



City of Calera
All Hazards Mitigation Action Plan

- 2013: 86 buildings
- 2014: 117 buildings
- 2015: 141 buildings

Calera's atmosphere and central location is conducive to continued industrial development. Evidence of this lies in the several large industries that have located in Calera, including LaFarge Cement, Vulcan Materials, Chemlime, Sysco Corporation and Alabama Dynamics. Many smaller, specialized industries have also located in Calera. Calera's retain centers along the Interstate 65 Corridor are maintaining a consistent growth pattern.

Infrastructure

The Calera Fire is a 46 member service designed to serve Calera and surrounding areas. This unit was formed in late 1999. The unit performs high angle rescue, confined space rescue, and has the Alabama Mutual Aid Surface Water Team.

Calera has 32 officers full-time and their own 911 system, comprised of 6 full-time dispatchers and 2 part-time.

The Public Works Department for the City of Calera is comprised of the Street and Sanitation Departments. The Street Department is responsible for most street repair, street resurfacing, road building, drainage pipe installation, sign placement/replacement, and any other such task. The Sanitation Department collects all refuse including household waste and yard debris and certain commercial garbage collection.

Calera's public schools are part of the Shelby County Schools system and are accredited by Southern Association of Colleges and Schools, which provides them with an access to a network of services and technical assistance.

School	Enrollment
Calera High School	679
Calera Middle School	633
Calera Intermediate	642
Calera Elementary	706

Transportation infrastructure consists of roadways Interstate I-65 (Three Access Locations) Exits 228, 231, 234, US Highway 31, AL Highway 25 and AL Highway 70. Railroads are CSX and Norfolk Southern. Shelby County Airport is located within Calera City Limits and the Birmingham International Airport is 25 miles North of Calera

Capabilities

The Legal and Regulatory Capability survey documents authorities available to the jurisdiction and/or enabling legislation at the state level affecting planning and land management tools that support local hazard mitigation planning efforts. The identified planning and land management tools are typically used by states and local and tribal jurisdictions to implement hazard mitigation activities. If the jurisdiction does not have this capability or authority, does another entity/jurisdiction have this authority at a higher level of government (county, parish, or regional political entity), or does the state prohibit the local jurisdictions from having this authority?



**City of Calera
All Hazards Mitigation Action Plan**

City of Calera Legal And Regulatory Capability							
Regulatory Tools/Plans	Regulatory Type: Ordinance Resolution Codes Plans Etc.	Year Adopted or Updated	Local Authority	State Prohibited	Higher Authority	Electronic copy Available	
Building Codes	International Building Codes	2012	Y	N	Y	Y	
Capital Improvements Plan	Annual Budget	2014		N	N	N	
Comprehensive Plan	Resolution	2002		N	N	Y	
Continuity of Operations Plan				N	N	N	
Community Rating System				N	Y	N	
Economic Development Plan	Comprehensive Plan Resolution	2009		N	N	Y	
EMAP Certified				N	Y	N	
Emergency Response Plan	County Emergency Operations Plan	2015	N	N	Y	Y	
Flood Management, Plan	Resolution	2013		N	Y	Y	
Growth Control Ordinance				N	N	N	
Hazard Setback Regulations				N	N	N	
Hillside Ordinance				N	N	N	
Historic Ordinance				N	N	N	
NFIP Participant	Resolution	2013		N	Y	Y	
Post-disaster Ordinance				N	N	N	
Post-disaster Recovery Plan	County Emergency Operations Plan	2015	N	N	Y	Y	
Real Estate Disclosure	AL Real Estate Commission	1960	N	N	Y	N	
Site Plan Requirements	Zoning Ordinance	2009		N	N	Y	
Subdivision Regulations	Zoning Ordinance	2009		N	N	Y	
Wildfire Ordinance				N	N	N	
Zoning Ordinances	Ordinance	2009		N	N	N	

The Administrative and Technical Capacity survey documents personnel employed by your jurisdiction and the public and private sector resources that may be accessed to mitigate hazards in the community. For smaller jurisdictions with limited capacities, no local staff resources may be available for many of the categories. If so identify public resources at the next higher level of government that may be able to provide technical assistance to the community.

For some hazard mitigation actions, consider federal agencies that provide technical assistance, such as the U.S. Department of Agriculture (USDA) Cooperative Extension Service, which has offices in most counties. The planning team in rural communities must be creative in identifying outside resources to augment limited local capabilities. This information will be used when evaluating alternative mitigation actions and when preparing your mitigation.

City of Calera Administrative And Technical Capabilities					
C=County Provides, S=State Provides, F=Federal Provides					
Position	Staff/Personnel Resources	Department/Agency	Number Fully Trained	Number Fully Equipped	Total Personnel



**City of Calera
All Hazards Mitigation Action Plan**

Agriculture Resource	Agent	County Extension Svc.	S1	S1	S1
Building Inspector	Professional	Zoning and Inspections	C1	C1	C1
Emergency Manager	Certified Professional	Emergency Management	C1	C1	C1
Emergency Staff	Professional(s)	Emergency Management	C2	C2	C2
Emergency Medical Personnel	Professional(s)	Fire/Rescue	45	45	45
Fire Personnel	Professional(s)	Fire Dept.	46	46	46
Floodplain Manager	Engineer(s)	Engineering/Public Works	C1	C1	C1
GIS Specialist	Professional(s)	Property Assessor/IT	1	1	1
Government Elected	Elected Officials	Mayor/Council	7	7	7
Government Administration	Employees	Jurisdiction	170	170	170
Grant writer	Professional(s)	Emergency Management	0	0	0
Hazards Analysis Mgr.	Professional(s)	Emergency Management	C1	C1	C1
Hazmat Team	Professional(s)	Fire	30	30	30
Information Systems	Certified Professional	IT department	2	2	2
Land Use/Management	Engineer(s)/Planners	State/Local Planning	1	1	1
Law Enforcement	Sheriff, Police, Trooper	Sheriff/Police Department	32	32	32
Medical Practitioners	Professional(s)	Medical Facilities	6	6	6
Public Works	Directors/Engineers	Public Works	28	28	28
Public Communication	911 specialists	E-911	43	43	43
Public Utilities	Professionals	Public Utilities	20	20	20
Surveyor	Professional	Contracted	1	1	1

The Fiscal Capability survey identifies whether the jurisdiction has access to or is eligible to use certain financial resources for hazard mitigation.

City of Calera Fiscal Capabilities					
Financial Resources	Description	Eligible			
		Yes	No	TBD	Used
Community Grants	Community Development Block Grants (CDBG)	X			X
	Hazard Mitigation Planning Grants (HMPG)	X			X
	PDM for disaster resistant universities		X		
	PDM Grants for communities	X			X
	Department of Health Grants		X		
	Department of Justice Grants	X			X
	Department of Agriculture Grants		X		
	Department of Energy Grants		X		
	Department of Education Grants		X		
	Fire department grants	X			X
	Flood Management Grants (FMA)	X			X
	Homeland Security Grant Program (HSGP)	X			X
	Repetitive Flood Claims Grants (RFC)	X			
	Severe Repetitive Loss Grants (SRL)	X			
	Private foundation grants	X			X
Private business/industry grants	X			X	
Debt Procurement	Incur debt through special tax/revenue bonds	X			X



**City of Calera
All Hazards Mitigation Action Plan**

Dept Procurement	Incur debt through private activity bonds	X			X
Impact Fees	Developer fees for new developments	X			X
Jurisdiction Bonds	Incur debt through general obligation bonds	X			X
Project Funding	Capital improvement	X			X
Spending Restrictions	Withhold spending in hazard-prone areas	X			X
Special Taxes	Authority to levy taxes for specific purposes	X			X
Utility Fees	Fees for water, sewer, gas, or electric service	X			X

Mitigation Goals and Objectives

The Mitigation Committee believes that each of the following goals, objectives, and action items is necessary to begin to address hazard issues in City of Calera. The following goal statements represent a broad target for City of Calera and its municipalities to achieve through the implementation of their own specific Mitigation Action Plans before the next Plan update.

GOALS	OBJECTIVES
All Hazards Goal: Mitigate the impact of all hazards on the City of Calera	Objective AH.1: Improve the City of Calera’s information distribution and warning capabilities for all hazards to citizens Objective AH.2: Improve the City of Calera’s 1 st responder capabilities to prepare for and respond to all hazards Objective AH.3: Improve the City of Calera’s capability to prepare for, respond to and recover from all hazards
Flooding Hazard Goal: Mitigate the impact of flooding on the City of Calera	Objective FL.1: Improve the City of Calera’s flood warning and information distribution to citizens Objective FL.2: Improve the City of Calera’s 1 st responder capabilities to prepare for and respond to flood events. Objective FL.3: Improve the City of Calera’s capability to prepare for, respond to and recover from flood events
High Wind Hazard Goal: Mitigate the impact of High Winds on the City of Calera	Objective HW.1: Improve the City of Calera’s High Winds warning and information distribution to citizens Objective HW.2: Improve the City of Calera’s 1 st responder capabilities to prepare for and respond to High Winds events. Objective HW.3: Improve the City of Calera’s capability to prepare for, respond to and recover from High Winds events
Ice/Snow Hazard Goal: Mitigate the impact of Ice/Snow on the City of Calera	Objective IS.1: Improve the City of Calera’s Ice/Snow warning and information distribution to citizens Objective IS.2: Improve the City of Calera’s 1 st responder capabilities to prepare for and respond to Ice/Snow events. Objective IS.3: Improve the City of Calera’s capability to prepare for, respond to and recover from Ice/Snow events
Wildfire Hazard Goal: Mitigate the impact of Wildfires on the City of Calera	Objective WF7.1: Improve the City of Calera’s Wild-land Fire warning and information distribution to citizens Objective WF.2: Improve the City of Calera’s 1 st responder capabilities to prepare for and respond to Wild-land Fire events Objective WF.3: Improve the City of Calera’s capability to prepare for, respond to and recover from Wild-land Fire events



**City of Calera
All Hazards Mitigation Action Plan**

Illegal Drug Lab Hazard Goal: Mitigate the impact of Illegal Drug Laboratories the City of Calera	Objective ID.1: Improve the City of Calera’s Illegal Drug Laboratories warning and information distribution to citizens Objective ID.2: Improve the City of Calera’s 1 st responder capabilities to prepare for and respond to Illegal Drug Laboratories Objective ID.3: Improve the City of Calera’s capability to prepare for, respond to and recover from Illegal Drug Laboratories existence
Urban Fire Hazard Goal: Mitigate the impact of Urban Fires on the City of Calera	Objective UF.1: Improve the City of Calera’s Urban Fire warning and information distribution to citizens Objective UF.2: Improve the City of Calera’s 1 st responder capabilities to prepare for and respond to Urban Fire events Objective UF.3: Improve the City of Calera’s capability to prepare for, respond to and recover from Urban Fire events

Multi-Jurisdictional Mitigation Actions

The actions listed in each jurisdiction’s Mitigation Action Plan serve as an easily understood menu of mitigation policies and projects for local decision-makers who want to quickly review their jurisdiction’s respective element of the countywide Plan. In preparing the individual MAP’s, each jurisdiction considered their overall hazard risk and capability to mitigate identified hazards as recorded through the risk and capability assessment process and to meet the countywide mitigation goals and the unique needs of their community.

Each jurisdiction participating in this Plan is responsible for implementing specific mitigation actions as prescribed in the adopted Mitigation Actions. In each Mitigation Action Plan, every proposed action is assigned to a specific local department or agency in order to assign responsibility and accountability and increase the likelihood of subsequent implementation. This approach enables individual jurisdictions to update their unique mitigation strategy as needed without altering the broader focus of the countywide Plan. The separate adoption of locally specific actions also ensures that each jurisdiction is not held responsible for monitoring and implementing the actions of other jurisdictions involved in the planning process.

Mitigation Actions Prioritizing

Prioritizing mitigation actions for each jurisdiction was based on the “STAPLEE” process. “STAPLEE” uses multiple factors under the categories of Social, Technical, Admistration, Legal, Economic and Environment. The original STAPLEE factors have been modified to enhance the prioritization process. The enhancements include adding life, property and economic items to the Social category and implementing weighting factors to Social and Economic categories. A weighting factor of 3 is used for loss of life and a weighting factor of 1 through nine is used for Economic impact of the hazard occurrence. A weighting factor of 2 is used for cost/benefit items. The actual table used for prioritization is at the end of this section.

<p style="text-align: center;">Prioritizing mitigation actions for each jurisdiction was based on the “STAPLEE” process. “STAPLEE” uses multiple factors under the categories of <u>S</u>ocial, <u>T</u>echnical, <u>A</u>dmistration, <u>L</u>egal, <u>E</u>conomic and <u>E</u>nvironment</p>			
Issue	1	2	3



**City of Calera
All Hazards Mitigation Action Plan**

<u>Social</u> High Community Acceptance	Potential objection from public and/or very expensive	Unknown if objectionable, or costs may be significant	Not objectionable and low/no costs
High Effect on saving lives	Life saving impact is low	Life saving impact is moderate	Life saving impact is significant
High Effect on reducing property loss	Effect on reducing property loss is low	Effect on reducing property loss is moderate	Effect on reducing property loss is significant
Effect on reducing economic loss	Effect on reducing economic loss is low (factor 1-3)	Effect on reducing economic loss is moderate (factor 4-6)	Effect on reducing economic loss is significant (factor 7-9)
<u>Technical</u> Is Technical Feasibility	Technology not currently existing	Emerging or untested technology or unknown	Technology readily available
Is a Long-Term Solution	No, is not effective in helping reduce losses in the long term	Potentially or unknown	Yes, is effective in helping reduce losses in the long term
No Secondary Impacts	Yes, likely to create secondary problems	Potentially or unknown	No, unlikely to create secondary problems
Administrative Little Staffing is required	Need to hire a permanent employee(s)	Potentially need to hire a temporary employee(s) or unknown.	Do not have to hire
Funding Potential is high	No obvious source of funding available and action has significant cost impact	Limited or unknown funding available	Little or no funding required or funding can be readily obtained
Low Maintenance and Operations	The action is likely to require high level of ongoing maintenance	Unknown or action has the potential for moderate ongoing maintenance	Action requires limited or no ongoing maintenance
<u>Political</u> High Political Support	Local Elected Official likely to be contentious	Local Elected Official may be controversial	Local Elected Official likely to be supportive
Local Champion available	Unlikely there is a Local Elected Official to support	Uncertain if there is a Local Elected Official to champion	A Local Elected Official is likely to support and champion
High Public Support	Public Political support is unlikely	Public Political support is uncertain	Public Political support is likely
<u>Legal</u> State Authority Exists	No legal state authority exists	Legal state authority is unclear, uncertain or adoption is in progress	Legal state authority exists
Local Authority Exists	No legal authority exists	Legal authority is unclear, uncertain or adoption is in progress	Legal authority exists
Potential Legal Challenge is high	High likelihood of legal challenge by stakeholders	Moderate likelihood of legal challenge by stakeholders	Low likelihood of legal challenge by stakeholders
<u>Economic</u> High Action Benefit	Low benefit to the jurisdiction from the action	Moderate benefit to the jurisdiction from the action	High benefit to the jurisdiction from the action



**City of Calera
All Hazards Mitigation Action Plan**

Low Action Cost	High cost to implement action	Moderate cost to implement action	Low cost to implement action
High Economic Contribution	Low contribution to other community economic goals	Moderate contribution to other community economic goals	High contribution to other community economic goals
Outside Funding is Required	Likely for action to be delayed pending outside sources of funding	Possible for action to be delayed pending outside sources of funding	Unlikely for action to be delayed pending outside sources of funding
Environmental Low Land/Water Effect	High likelihood of negative consequences to land/water	Moderate likelihood of negative consequences to land/water	Low likelihood of negative consequences to land/water
Low Endangered Species Effect	High likelihood of potential negative consequences to endangered species	Moderate likelihood of negative consequences to endangered species	Low likelihood of negative consequences to endangered species
Low Environmental Effect	No, project is not consistent with jurisdiction environmental goals	Possible, project is consistent with jurisdiction environmental goals	Yes, project is consistent with jurisdiction environmental goals
Federal Law Compliant	No	Uncertain	Yes

Mitigation Actions

Each jurisdiction participating in this Plan should review the specific mitigation actions as prescribed in the adopted Mitigation Action Plan. In each Mitigation Action Plan, every proposed action is assigned to a specific local department or agency in order to increase the likelihood of subsequent implementation. This approach enables individual jurisdictions to update their unique mitigation strategy as needed without altering the broader focus of the countywide Plan. The separate adoption of locally specific actions also ensures that each jurisdiction is not held responsible for monitoring and implementing the actions of other jurisdictions involved in the planning process.

Hazard Goal & Action	Action/Project Description	Responsibility	Funding Source	Estimated Cost/Benefit	Start/End Date	Priority
AH3e	Obtain/install emergency generators or “pigtailed” for critical government facilities and fuel depots. (City Hall, FS# 1, FS# 2 FS # 3, Pump Stations	City Govt, FD	Grants, Local Funds	165,525 772,450	2015 2020	69
AH1f	Encouraged citizens to develop emergency preparedness, response and recovery plans.	FD City Govt	Local Funds	1,104 110,350	2015 2018	88
AH3x	Develop a community shelter program for mobile home parks Installed community shelter with grant funds in 2015. Review annually.	City Govt	Grants Local Funds	110,350 662,100	2015 2020	88
AH3i1	Evaluate shelter requirements annually & add necessary shelters	ARC, City Govt, EMA, ADPH	Local Funds	11,035 441,400	2015 2020	88
AH3e1	Assist non-governmental critical facilities to obtain emergency generators/pigtailed	City Govt	Grants, Local Funds	55,175 551,750	2015 2020	88



**City of Calera
All Hazards Mitigation Action Plan**

Hazard Goal & Action	Action/Project Description	Responsibility	Funding Source	Estimated Cost/ Benefit	Start/ End Date	Priority
HW1b	Educate the public on High Wind weather preparedness, response and recovery	FD, NWS, EMA	Local Funds	1,104 110,350	2015 2018	87
HW1c	Educate special needs/school/local populations on high wind preparedness and response	FD, NWS, EMA	Local Funds	1,104 11,035	2015 2018	87
HW1c	Distribute high wind preparedness information to special needs/school and local populations	FD, NWS, EMA	Local Funds	1,104 11,035	2015 2018	87
AH1e	Distribute safe room/Shelter in place information to schools/special needs and local populations	FD, BOE, City Govt	Grants Local Funds	5,518 551,750	2015 2018	84
UF1a	Educate school/special needs/local populations on fire safety and response	FD, BOE	Grants Local Funds	56,279 110,350	2015 2020	84
UF1b	Educate school, special needs and the community population on fire extinguisher use	FD	Local Funds	1,104 110,350	2015 2020	84
UF1c	Assist fire departments in obtaining fire prevention program materials	EMA, FD	Local Funds	1,104 110,350	2015 2020	84
FL3e	Inspect and maintain natural drainage channels and clear beaver dams and debris	City Govt, FD	Grants, Local Funds	11,035 110,350	2015 2020	83
UF3d	Develop fire plans for all major businesses and critical facilities	FD	Local Funds	11,035 551,750	2015 2020	83
AH3v	Require critical sites to develop and provide to EMA an emergency plan	City Govt, EMA, LEPC	Local Funds	1,104 110,350	2015 2020	82
FL1a	Distribute flood awareness and preparedness literature at events.	FD	Local Funds	1,104 110,350	2014	82
FL2a	Obtain PPE for all personnel responding to flood events Have PDF's on trailer	FD	Grants Local Funds	55,175 331,050	2015	82
FL3k	Obtain/install/maintain/monitor rainfall and stream gauges to predict local flooding	City Govt, EMA, NWS	Grants, Local Funds	11,035 551,750	2015 2020	82
TR1b	Educate schools, special needs and government officials on for handling suspicious mail	BOE, LE	Local Funds	5,518 110,350	2015 2020	82
AH3r	Participate in NFIP's Cooperating Technical Partners Program (CTP)	City Govt	Local Funds	1,104 110,350	2015 2020	81
HW3a	Adopt/enforce comprehensive Building Code legislation	City Govt	Local Funds	1,104 1,103,500	2015 2020	81
UF3f	Adopt/enforce commercial and special needs facilities sprinkler legislation	City Govt, FD	Local Funds	1,104 110,350	2015 2020	81
UF3g	Enforce legislation that fire extinguishers are clearly marked, available and regularly tested	City Govt, FD	Local Funds	1,104 110,350	2015 2020	81
AH3l	Encourage schools to implement a disaster phone line	City Govt, BOE	Local Funds	5,518 110,350	2015 2020	80
UF2c	Obtain/maintain fire fighting supplies at all fire departments	FD	Grants Local Funds	55,175 551,750	2015 2020	80



**City of Calera
All Hazards Mitigation Action Plan**

Hazard Goal & Action	Action/Project Description	Responsibility	Funding Source	Estimated Cost/ Benefit	Start/ End Date	Priority
AH3a	Adopt the National Incident Management System (NIMS)	City Govt	Local Funds	1,104 110,350	2015 2020	79
AH3j	Maintain a supplier list of food, medicines, water and fuel vendors	City Govt	Local Funds	1,104 110,350	2015 2020	79
AH3u	Ensure that mutual aid shelter, response, mass casualty and recovery agreements are current	City Govt, ADPH, ADHR, EMA	Local Funds	1,104 110,350	2015 2020	79
AH3y	Insure building code compliance Inspections are conducted on construction projects	City Govt	Local Funds	1,104 110,350	2015 2020	79
FL3a	Participate in the National Flood Insurance Program (NFIP)	City Govt	Local Funds	1,104 110,350	2015 2020	79
FL3h	Request a study of the feasibility of flood control measures.	City Govt	Grants, Local Funds	27,588 165,525	2015 2020	79
IL1a	Educate school and local populations on Meth Lab awareness	BOE, FD, LE	Local Funds	1,104 11,035	2015 2020	79
AH1b	Schedule regular maintenance and testing of hazard warning units (Monthly Testing)	Fire Dept, 911	Local Funds	3,311 110,350	2015 2020	78
AH3t	Annually review and update hazard related legislation	City Govt	Local Funds	1,104 110,350	2015 2020	78
FL3h	Educate developers on Watershed, Floodplain and wetland development restrictions	City Govt	Local Funds	1,104 110,350	2015 2020	78
IL3a	Join/participate in local state and federal drug task forces	LE, FD	HLS Grants Local Funds	1,104 110,350	2015 2020	78
IL3c	Require businesses to refuse large quantity sales of precursors	City Govt	Local Funds	1,104 110,350	2015 2020	78
UF3c	Encourage fire inspections to be regularly conducted at businesses and industry	FD	Local Funds	1,104 110,350	2015 2020	78
HW3g	Adopt/enforce down and skirting legislation for mobile homes and mobile home parks	City Govt	Local Funds	1,104 220,700	2015 2020	77
UF3b	Ensure that fire codes are rigidly enforced with citations issued for violations.	FD, LE	Local Funds	5,518 110,350	2015 2020	77
WF1b	Educate school/businesses and the public on the causes of wild land fires	AFC, FD	Local Funds	1,104 110,350	2015 2020	77
WF1f	Publish outdoor burn ban info in area newspapers during Wild-land fire seasons.	City Govt	Local Funds	1,104 110,350	2015 2020	77
AH2c	Train 1 st responders in search and rescue techniques	FD	Grant, Local Funds	27,588 165,525	2015 2020	76
AH3o	Assist businesses, schools, special needs and government facilities to post evacuation routes	City Govt, FD	Local Funds	1,104 110,350	2015 2020	76
AH3p	Develop/implement/maintain the jurisdictions Mitigation Action Plan	City Govt, FD	Grants, Local Funds	11,035 110,350	2015 2020	76



City of Calera
All Hazards Mitigation Action Plan

Hazard Goal & Action	Action/Project Description	Responsibility	Funding Source	Estimated Cost/ Benefit	Start/ End Date	Priority
AH3s2	Develop strategies to prevent loss of public records Location to house critical equipment.	City Govt	Local Funds	1,104 110,350	2015 2020	76
HW2c	Train 1 st responders to respond to High Wind events	FD, PD	Grants, Local Funds	27,588 110,350	2015 2020	76
IL3b	Maintain/publicize a hotline to report suspected meth labs	LE, PD	Local Funds	1,104 110,350	2015 2020	76
FL3d	Participate in the NFIP Community Rating System	City Govt	Local Funds	1,104 110,350	2015 2020	75
UF2a	Obtain fire PPE for all personnel responding to fire incidents	FD	Grants Local Funds	93,798 551,750	2015 2020	75
UF2d	Train all fire responders in fire combat techniques annually	FD	Grants Local Funds	5,518 220,700	2015 2020	75
UF3a	Strive to be NHPA compliant.	City Govt, FD	Local Funds	1,104 110,350	2015 2020	75
AH2b	Evaluate/maintain 1st responders emergency kits annually	FD, City Govt	Local Funds	5,518 11,035	2015 2020	74
AH2g	Train 1 st responders and officials on the National Incident Management System (NIMS)	City Govt, FD	DHL Grants Local Funds	25,518 110,350	2015 2020	74
AH2h	Train 1 st responders and officials in Emergency Operations Center Operations and the EOP	City Govt, FD	Local Funds	5,518 110,350	2015 2020	74
AH2i	Train 1 st responders/officials in performing damage assessments.	City Govt, FD, EMA	Local Funds	11,035 110,350	2015 2020	74
AH3d	Obtain additional Emergency Operations Center equipment and crisis management software	EMA, City Govt	Grants, Local Funds	11,035 220,700	2015 2020	74
AH3k	Obtain disaster supply kits for schools/special needs facilities	City Govt, BOE	Grants Local Funds	7,725 110,350	2015 2020	74
FL3l	Identify alternative access points for single access neighborhoods	City Govt	Local Funds	1,104 11,035	2015 2020	74
HW1a	Obtain NOAA weather radios for schools, government and special needs facilities. Storm spotter class.	FD, BOE	Grants, Local Funds	33,105 110,350	2015 2020	74
HW2b	Obtain 1 st responder PPE and supplies for High Wind response	FD, City Govt	HLS Grants	55,175 441,400	2015 2020	74
HW3d	Develop a debris clearance program that can be utilized citywide	City Govt, EMA, Co Engr	Grants, Local Funds	22,070 441,400	2015 2020	74
HW3h	Adopt/enforce legislation to control construction standards of mobile homes moved into the city	City Govt	Local Funds	1,104 275,875	2015 2020	74
WF1c	Educate schools/special needs/local populations on preparedness for and response to a wild-land fire	AFC, FD, BOE	Local Funds	1,104 110,350	2015 2020	74



**City of Calera
All Hazards Mitigation Action Plan**

Hazard Goal & Action	Action/Project Description	Responsibility	Funding Source	Estimated Cost/ Benefit	Start/ End Date	Priority
WF1d	Distribute wildfire awareness and prevention information to schools/business/local populations	AFC, FD	Local Funds	1,104 110,350	2015 2020	74
WF1e	Work with the DNR to distribute USFS fuels reduction information (Firewise.)	AFC, FD	Local Funds	1,104 110,350	2015 2020	74
WF3g	Maintain contact with the Forestry office that issues daily "fire potential" reports	AFC, FD	Local Funds	1,104 110,350	2015 2020	74
AH1d	Obtain backup power systems for audible warning devices	City Govt	Grants	55,175 772,450	2015 2020	73
AH2a	Obtain/distribute interoperable radios for all 1 st responders	FD, City Govt	Grant, Local Funds	55,175 441,400	2015 2020	73
AH2e	Train 1 st responders on responding to mass casualty events	FD	Grants, DHL Grants	5,518 110,350	2015 2020	73
FL3a5	Obtain and maintain NFIP FIRMS to identify jurisdiction flood prone areas	City Govt	Local Funds	1,104 110,350	2015 2020	73
HW2d	Exercise a High Wind event with 1 st responders at least annually	City Govt, FD	Local Funds	22,070 110,350	2015 2020	73
UF2h	Train fire 1 st responders to at least the "Awareness and Operations level" under OSHA 1910.120	FD	Grants Local Funds	16,553 331,050	2015 2020	73
WF2g	Identify Private 1 st responders and contractors to assist in wild-land fire response	FD	Local Funds	1,104 110,350	2015 2020	73
AH1c	Obtain and/or expand warning sirens to for 4 uncovered areas	City Govt	Grant Local Funds	82,763 882,800	2015 2020	72
AH3o1	Obtain signage to direct the public evacuation during hazard events	City Govt, FD	Grants Local Funds	22,000 331,050	2015 2020	72
FL3c3	Adopt/enforce mobile home legislation to restrict development of lots within the flood plain.	City Govt	Local Funds	11,035 110,350	2015 2020	72
FL3f	Identify roadways, culverts and bridges damaged by flooding	City Govt	Local Funds	1,104 11,035	2015 2020	72
FL3g	Update City Land Use Plan to identify areas where development should be restrictive	City Govt	Local Funds	1,104 110,350	2015 2020	72
HW1g	Train citizens in weather observation in conjunction with the National Weather Service. Storm spotter class.	NWS, FD, EMA	Local Funds	1,104 110,350	2015 2020	72
IS3d	Establish snow and ice removal methods	FD, City Govt	Local Funds	1,104 110,350	2015 2020	72
UF2b	Train firefighters to obtain for state and national certifications	FD	Grants Local Funds	33,105 331,050	2015 2020	72
UF3e	Adopt/enforce sprinkler and smoke alarm legislation	City Govt, FD	Local Funds	1,104 110,350	2015 2020	72
WF1a	Educate homeowners and businesses on wildfire fuels reduction	AFC, FD	Local Funds	1,104 110,350	2015 2020	72



**City of Calera
All Hazards Mitigation Action Plan**

Hazard Goal & Action	Action/Project Description	Responsibility	Funding Source	Estimated Cost/ Benefit	Start/ End Date	Priority
AH3a1	Develop/maintain a citywide NIMS resource inventory software	City Govt, FD	Grants Local Funds	11,035 110,350	2015 2020	71
AH3d1	Obtain equipment and train staff to implement NOAA and Emergency Management Software	City Govt	Grants, Local Funds	27,588 220,700	2015 2020	71
FL2b	Train all 1 st responders on repetitive flooding areas and structures	FD	Grants Local Funds	22,070 110,350	2015 2020	71
FL3a4	Educate developers, builders and the public on the location of NFIP designated floodplains	City Govt	Local Funds	1,104 110,350	2015 2020	71
FL3f3	Obtain/Install barriers to block flooding roadways and bridges	FD, Streets	Grants, Local Funds	27,588 220,700	2015 2020	71
HW1g	Develop a plan to provide weather radios to low income residents	City Govt, FD	Grants Local Funds	11,035 110,350	2015 2020	71
IL2c	Train to all personnel responding to Meth Labs on appropriate response and recovery	LE, FD	Grants	11,035 110,350	2015 2020	71
UF3i	Adopt/enforce housing code legislation to limit number of citizens in sub-standard housing	City Govt	Local Funds	1,104 110,350	2015 2020	71
UF3k	Obtain smoke detectors and provide free to residents in need.	City Govt, FD	Grants, Local Funds	11,035 551,750	2015 2020	71
AH2d	Exercise 1 st responder and hospital Mass Casualty plans regularly.	FD	Local Funds	17,725 110,350	2015 2020	70
WF3h	Adopt/enforce wildfire and burning restriction legislation	City Govt	Local Funds	1,104 110,350	2015 2020	70
FL3a1	Adopt/enforce an NFIP flood plain management plan	City Govt	Local Funds	1,104 110,350	2015 2020	69
FL3a2	Adopt/enforce floodplain legislation to require structures be built above the NFIP BSE	City Govt	Local Funds	1,104 110,350	2015 2020	69
IL2a	Obtain PPE for all personnel that respond to Meth Labs	LE, EMA	Grants Local Funds	82,763 551,750	2015 2020	69
AH3s	Obtain funds for critical government departments to develop Continuity of Operations Plans	City Govt, EMA	Grants, Local Funds	33,105 551,750	2015 2020	68
HW3h	Encourage the use of shatter-proof windows in schools	City Govt, BOE	Local Funds	1,104 110,350	2015 2020	68
HW3e	Obtain funding to build mobile home community storm shelters	City Gov, EMA	Grants Local Funds	220,700 1,103,500	2015 2020	67
PD3c	Develop a traffic flow and security plan for medical dispensing sites	LE, ADPH	Local Funds	5,518 110,350	2015 2020	67
UF1d	Obtain a fire education-training trailer for the jurisdiction.	FD	Grants Local Funds	110,350 1,103,500	2015 2020	67
UF3f	Obtain fire equipment to combat fires where water hydrants are non-existent	FD	Grants Local Funds	220,700 1,103,500	2015 2020	67



City of Calera
All Hazards Mitigation Action Plan

Hazard Goal & Action	Action/Project Description	Responsibility	Funding Source	Estimated Cost/ Benefit	Start/ End Date	Priority
WF2c	Train fire 1 st responders in wild-land fire response techniques	FD, AFC	Local Funds	11,035 110,350	2015 2020	67
FL3a3	Educate builders, developers and the public on the National Flood Insurance Program (NFIP)	City Govt	Local Funds	1,104 110,350	2015 2020	66
FL3f	Develop a storm water management plan for the jurisdiction	City Govt	Grants Local Funds	11,035 110,350	2015 2020	66
WF2e	Obtain DNR compatible radios for interoperable communications.	City Govt, FD	Fire Grants HLS Grants	33,105 551,750	2015 2020	66
FL3e	Adopt/enforce land use flood plain wetlands and watershed zoning	City Govt	Local Funds	1,104 110,350	2015 2020	65
FL3g	Adopt/enforce storm water legislation to reduce runoff from developments.	City Govt	Local Funds	1,104 110,350	2015 2020	65
UF3h	Acquire and install six inch water mains/hydrants city wide	City Govt	Grants Local Funds	551,750 1,103,500	2015 2020	65
FL3i	Obtain equipment to build water flow and water retention areas to mitigate flooding	City Govt	Grants, Local Funds	110,350 662,100	2015 2020	63
WF2f	Exercise wildfire response regularly for residences, businesses and industry	FD	Local Funds	11,035 551,750	2015 2020	63
WF2b	Obtain specialized equipment to combat wild-land fires.	FD	Grants State Grants	110,350 551,750	2015 2020	62
FL3f1	Install/replace/maintain culverts ditches and bridges to reduce storm water flooding	City Govt	Grants, Local Funds	110,350 551,750	2015 2020	61
FL3f2	Obtain equipment to mitigate bridge, culverts, and roadway flooding	City Govt	Grants, Local Funds	55,175 331,050	2015 2020	61
PD2d	Obtain supplies and materials needed to vaccinate and prophylax 1 st responders	City Govt, ADPH, EMA	Grants Local Funds	33,105 441,400	2015 2020	60



**City of Calera
All Hazards Mitigation Action Plan**

"STAPLEE" Mitigation Actions Prioritization Table																										
Action/Project Description	Social			Technical			Administrative			Political			Legal		Economic			Environmental			Prioritization					
	High Community Acceptance	High effect on Loss of Life-WF=3	High Effect on Property Loss WF=2	High Effect on Economic Loss WF=1	Is Technical Feasibility	Is a Long-Term Solution	No Secondary Impacts	Little Staffing required	Funding Potential is High	Low Maintenance/Operations	High Political Support	Has a Local Champion	Has Public Support	State Authorized	Local Authority Exists	Potential Legal Challenge is High	Action Benefit is High WF=2	Action Cost is Low WF=2	High Economic Goal Contribution	Outside Funding Not Required	Land/Water Effect is Low	Low Endangered Species Effect	HAZMAT Waste Site Effect is Low	Environmental Effect is low	Federal law Compliant is High	Total Priority Score
Obtain/install emergency generators or "pigtailed" for critical government facilities and fuel depots. (City Hall, FS# 1, FS# 2 FS # 3, Pump Stations	3	9	6	9	3	3	3	3	3	2	3	3	3	3	2	6	2	4	2	3	3	3	3	3	3	90
Encouraged citizens to develop emergency preparedness, response and recovery plans.	3	6	6	9	3	2	3	2	3	2	3	3	2	3	3	6	6	3	2	3	3	3	3	3	3	88
Assist non-governmental critical facilities to obtain emergency generators/pigtailed	3	9	6	9	3	3	3	3	3	2	3	2	3	3	2	6	2	4	2	3	3	3	3	3	3	88
Evaluate shelter requirements annually & add necessary shelters	3	9	6	9	3	3	2	3	3	2	3	2	3	3	2	6	2	2	2	3	3	3	3	3	3	88
Develop a community shelter program for mobile home parks	3	9	6	9	3	3	3	3	3	2	2	2	3	3	3	6	2	4	2	3	3	3	3	3	3	88
Educate the public on High Wind weather preparedness, response and recovery	3	6	4	8	3	2	3	2	3	2	3	3	3	3	3	6	6	3	3	3	3	3	3	3	3	87
Educate special needs/school/local populations on high wind preparedness and response	3	6	4	8	3	2	3	2	3	2	3	3	3	3	3	6	6	3	3	3	3	3	3	3	3	87
Distribute high wind preparedness information to special needs/school and local populations	3	6	4	8	3	2	3	2	3	2	3	3	3	3	3	6	6	3	3	3	3	3	3	3	3	87
Distribute safe room/Shelter in place information to schools/special needs and local populations	3	9	0	9	3	3	3	2	3	2	3	2	2	3	3	6	6	2	2	3	3	3	3	3	3	84
Educate school/special needs/local populations on fire safety and response	3	6	4	6	3	2	3	2	3	2	3	3	3	3	3	6	6	2	3	3	3	3	3	3	3	84
Educate school, special needs and the community population on fire extinguisher use	3	6	4	6	3	2	3	2	3	2	3	3	3	3	3	6	6	2	3	3	3	3	3	3	3	84



**City of Calera
All Hazards Mitigation Action Plan**

Annually review and update hazard related legislation	2	3	2	9	2	2	3	3	3	2	2	2	2	2	3	3	3	6	6	2	3	3	3	3	3	3	78
Educate developers on Watershed, Floodplain and wetland development restrictions	2	3	4	7	3	2	3	2	3	2	2	2	2	2	3	3	3	6	6	2	3	3	3	3	3	3	78
Join/participate in local state and federal drug task forces	3	3	2	3	3	3	3	2	3	3	3	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	78
Require businesses to refuse large quantity sales of precursors	3	3	2	3	3	3	3	3	3	3	3	3	3	3	2	6	6	2	3	3	3	3	3	3	3	3	78
Encourage special needs facilities to implement a security system	3	3	2	3	3	3	3	2	3	3	3	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	78
Encourage fire inspections to be regularly conducted at businesses and industry	2	6	6	6	3	2	3	1	2	1	3	3	2	3	3	3	4	4	3	3	3	3	3	3	3	3	78
Adopt/enforce down and skirting legislation for mobile homes and mobile home parks	2	6	4	8	3	3	3	1	3	1	2	3	2	3	3	2	4	4	2	3	3	3	3	3	3	3	77
Ensure that fire codes are rigidly enforced with citations issued for violations.	2	6	6	6	3	2	2	1	2	1	3	3	2	3	3	3	4	4	3	3	3	3	3	3	3	3	77
Educate school/businesses and the public on the causes of wild land fires	3	6	2	1	3	2	3	2	3	2	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	3	77
Publish outdoor burn ban info in area newspapers during Wild-land fire seasons.	3	6	2	1	3	2	3	2	3	2	3	3	3	3	3	3	6	6	2	3	3	3	3	3	3	3	77
Train 1 st responders in search and rescue techniques	2	9	0	9	3	2	3	2	2	2	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	76
Assist businesses, schools, special needs and government facilities to post evacuation routes	2	3	2	9	2	2	3	2	3	3	2	1	2	3	3	2	6	6	2	3	3	3	3	3	3	3	76
Develop/implement/maintain the jurisdictions Mitigation Action Plan	2	3	4	9	2	3	3	2	3	2	2	2	2	2	3	3	3	4	4	4	2	2	3	3	3	3	76
Develop strategies to prevent loss of public records	2	0	4	9	3	3	3	2	3	2	2	2	2	2	3	3	3	4	4	4	3	3	3	3	3	3	76
Train 1 st responders to respond to High Wind events	3	6	0	8	3	2	3	2	3	2	3	3	2	3	3	3	4	4	2	2	3	3	3	3	3	3	76
Maintain/publicize a hotline to report suspected meth labs	3	3	2	3	3	3	3	3	3	3	3	3	3	3	2	6	4	2	3	3	3	3	3	3	3	3	76
Participate in the NFIP Community Rating System	3	0	0	7	3	2	3	3	3	2	2	2	2	3	3	3	3	6	6	3	3	3	3	3	3	3	75
Obtain fire PPE for all personnel responding to fire incidents	2	6	4	6	3	2	3	2	3	2	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	75
Train all fire responders in fire combat techniques annually	2	6	4	6	3	2	3	2	3	2	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	75
Ensure that NFPA standards and codes are followed.	2	0	4	6	3	1	3	3	3	2	3	2	2	2	3	3	3	6	6	2	3	3	3	3	3	3	75
Evaluate/maintain 1st responders emergency kits annually	2	3	0	9	3	1	3	3	2	2	2	2	2	2	3	3	3	6	6	1	3	3	3	3	3	3	74
Train 1 st responders and officials on the National Incident Management System (NIMS)	2	3	0	9	3	3	3	2	2	2	2	2	2	2	3	3	3	4	6	2	3	3	3	3	3	3	74



**City of Calera
All Hazards Mitigation Action Plan**

Train 1 st responders and officials in Emergency Operations Center Operations and the EOP	2	3	0	9	3	3	3	2	2	2	2	2	2	3	3	3	4	6	2	3	3	3	3	3	3	74
Train 1 st responders/officials in performing damage assessments.	2	3	0	9	3	3	3	2	2	2	2	2	2	3	3	3	4	6	2	3	3	3	3	3	3	74
Obtain additional Emergency Operations Center equipment and crisis management software	2	6	4	9	3	2	3	2	1	1	2	2	2	3	3	3	4	2	4	1	3	3	3	3	3	74
Obtain disaster supply kits for schools/special needs facilities	3	3	0	9	2	2	3	2	2	2	3	2	3	3	3	3	6	4	2	2	3	3	3	3	3	74
Identify alternative access points for single access neighborhoods	2	3	0	7	3	2	3	3	3	3	2	2	3	3	3	3	4	6	1	3	3	3	3	3	3	74
Acquire signage to indicate water depth at flooding points	2	3	0	7	3	2	3	3	3	3	2	2	3	3	3	3	4	6	1	3	3	3	3	3	3	74
Obtain NOAA weather radios for schools, government and special needs facilities	3	6	0	8	3	3	3	2	2	1	2	2	3	3	3	3	4	4	2	2	3	3	3	3	3	74
Obtain 1 st responder PPE and supplies for High Wind response	2	6	0	8	3	2	3	1	3	2	3	3	2	3	3	3	4	4	2	2	3	3	3	3	3	74
Develop a debris clearance program that can be utilized citywide	3	0	2	8	3	3	1	1	3	2	3	3	3	3	3	3	6	6	6	3	2	2	1	2	2	74
Adopt/enforce legislation to control construction standards of mobile homes moved into the city	2	6	2	8	3	3	3	1	3	1	2	2	2	3	3	2	4	4	2	3	3	3	3	3	3	74
Educate schools/special needs/local populations on preparedness for and response to a wild-land fire	3	6	2	1	3	2	3	2	3	2	3	3	3	3	3	3	6	6	2	3	3	2	2	2	3	74
Distribute wildfire awareness and prevention information to schools/business/local populations	3	6	2	1	3	2	3	2	3	2	3	3	3	3	3	3	6	6	2	3	3	2	2	2	3	74
Work with the DNR to distribute USFS fuels reduction information (Firewise.)	3	6	2	1	3	2	3	2	3	2	3	3	3	3	3	3	6	6	2	3	3	2	2	2	3	74
Maintain contact with the Forestry office that issues daily "fire potential" reports	3	3	2	1	3	2	3	2	3	3	3	3	2	3	3	3	6	6	2	3	3	3	3	3	3	74
Obtain backup power systems for audible warning devices	3	9	0	9	3	3	2	1	2	1	3	3	3	3	3	3	4	2	2	1	2	2	3	3	3	73
Obtain/distribute interoperable radios for all 1 st responders	2	6	2	9	3	3	3	2	2	1	2	2	2	3	3	3	4	2	2	2	3	3	3	3	3	73
Train 1 st responders on responding to mass casualty events	2	6	0	9	3	2	3	2	2	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	73
Obtain and maintain NFIP FIRMS to identify jurisdiction flood prone areas	2	3	4	7	3	2	3	2	2	2	2	2	2	3	3	3	4	4	2	3	3	3	3	3	3	73
Exercise a High Wind event with 1 st responders at least annually	3	6	0	8	3	2	2	2	3	2	3	2	2	3	3	2	4	4	2	2	3	3	3	3	3	73
Train fire 1 st responders to at least the "Awareness and Operations level" under OSHA 1910.120	2	3	4	6	3	2	3	2	3	2	2	2	2	3	3	3	4	4	2	3	3	3	3	3	3	73



**City of Calera
All Hazards Mitigation Action Plan**

Identify Private 1 st responders and contractors to assist in wild-land fire response	2	3	2	1	3	1	3	3	3	3	3	3	2	3	3	3	6	6	2	3	3	3	3	3	3	3	73
Obtain and/or expand warning sirens to for 4 uncovered areas	3	9	0	9	3	3	2	2	3	1	3	3	3	3	3	2	4	2	2	1	2	2	2	2	3	3	72
Obtain signage to direct the public evacuation during hazard events	2	3	0	9	2	2	3	2	2	2	2	2	3	3	3	3	4	4	4	2	3	3	3	3	3	3	72
Adopt/enforce mobile home legislation to restrict development of lots within the flood plain.	2	6	4	7	3	3	3	1	3	1	2	2	2	3	3	2	4	4	3	3	2	2	2	2	3	3	72
Identify roadways, culverts and bridges damaged by flooding	3	0	2	7	3	2	3	2	2	2	2	2	2	3	3	3	6	6	1	3	3	3	3	3	3	3	72
Update City Land Use Plan to identify areas where development should be restrictive	2	3	6	7	3	2	2	3	2	2	2	2	1	3	3	1	4	4	2	3	3	3	3	3	3	3	72
Train citizens in weather observation in conjunction with the National Weather Service	2	6	0	8	3	2	3	2	2	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	3	72
Establish snow and ice removal methods	2	6	2	3	3	2	2	2	3	2	3	2	2	3	3	3	6	6	2	3	2	2	2	2	3	3	72
Train firefighters to obtain for state and national certifications	2	3	4	6	3	2	3	2	3	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	3	72
Adopt/enforce sprinkler and smoke alarm legislation	2	6	4	6	3	2	2	1	2	2	2	2	2	3	3	2	4	4	2	3	3	3	3	3	3	3	72
Educate homeowners and businesses on wildfire fuels reduction	2	6	2	1	3	2	3	2	3	2	3	3	3	3	3	3	6	6	2	3	2	2	2	2	3	3	72
Develop/maintain a citywide NIMS resource inventory software	2	3	4	9	3	2	3	1	2	1	1	2	2	3	3	3	4	2	4	2	3	3	3	3	3	3	71
Obtain equipment and train staff to implement NOAA and Emergency Management Software	2	6	4	9	3	2	3	1	1	1	1	1	2	3	3	3	4	2	4	1	3	3	3	3	3	3	71
Train all 1 st responders on repetitive flooding areas and structures	2	3	2	7	3	2	3	2	3	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	3	71
Educate developers, builders and the public on the location of NFIP designated floodplains	2	3	4	7	3	2	3	2	2	2	2	2	2	3	3	3	4	6	2	3	2	2	2	2	3	3	71
Obtain/Install barriers to block flooding roadways and bridges	2	6	2	7	3	2	2	2	2	2	2	2	2	3	3	3	4	4	1	2	3	3	3	3	3	3	71
Develop a plan to provide weather radios to low income residents	2	6	0	8	3	2	3	2	2	1	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	3	71
Train to all personnel responding to Meth Labs on appropriate response and recovery	3	6	0	3	3	2	3	2	3	2	3	3	2	3	3	3	4	4	2	2	3	3	3	3	3	3	71
Adopt/enforce housing code legislation to limit number of citizens in sub-standard housing	2	6	0	6	3	3	2	1	2	1	2	2	2	3	3	2	6	6	1	3	3	3	3	3	3	3	71
Obtain smoke detectors and provide free to residents in need.	2	6	2	6	3	2	2	2	2	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	3	71
Exercise 1 st responder and hospital Mass Casualty plans regularly.	2	6	0	9	3	2	2	2	2	2	2	2	2	3	3	3	4	4	2	2	2	2	3	3	3	3	70



**City of Calera
All Hazards Mitigation Action Plan**

Adopt/enforce wildfire and burning restriction legislation	2	6	2	1	3	3	2	1	3	1	3	3	2	3	3	2	4	6	2	3	3	3	3	3	3	3	3	70
Adopt/enforce an NFIP flood plain management plan	2	0	4	7	3	3	2	1	2	1	2	2	1	3	3	2	4	6	3	3	3	3	3	3	3	3	3	69
Adopt/enforce floodplain legislation to require structures be built above the NFIP BSE	2	3	6	7	3	3	2	1	2	1	1	1	2	3	3	2	4	6	3	3	2	2	2	2	2	3	69	
Obtain PPE for all personnel that respond to Meth Labs	2	6	0	3	3	2	3	1	3	2	3	3	2	3	3	3	4	4	2	2	3	3	3	3	3	3	69	
Obtain funds for critical government departments to develop Continuity of Operations Plans	2	0	2	9	3	3	3	2	1	2	1	1	2	3	3	3	4	4	4	1	3	3	3	3	3	3	68	
Encourage the use of shatter-proof windows in schools	3	4	4	8	3	3	3	3	1	3	2	1	2	3	3	3	2	1	1	1	3	3	3	2	3	68		
Obtain funding to build mobile home community storm shelters	2	6	0	8	3	3	2	2	1	2	2	2	2	3	3	2	4	2	2	1	3	3	3	3	3	67		
Develop a traffic flow and security plan for medical dispensing sites	2	0	0	4	3	2	2	2	2	2	3	2	3	3	3	3	6	6	1	3	3	3	3	3	3	67		
Obtain a fire education-training trailer for the jurisdiction.	2	6	4	6	3	3	3	2	1	2	2	1	2	3	3	3	2	1	2	1	3	3	3	3	3	67		
Obtain fire equipment to combat fires where water hydrants are non-existent	2	6	2	6	3	3	2	3	1	1	1	1	2	3	3	3	4	2	3	1	3	3	3	3	3	67		
Train fire 1 st responders in wild-land fire response techniques	2	6	2	1	3	2	3	2	2	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	67		
Educate builders, developers and the public on the National Flood Insurance Program (NFIP)	2	0	2	7	3	2	3	2	2	2	2	2	2	3	3	3	4	6	2	3	2	2	2	2	3	66		
Develop a storm water management plan for the jurisdiction	2	3	2	7	3	2	2	2	2	2	2	2	2	3	3	3	4	4	2	3	2	2	2	2	3	66		
Obtain DNR compatible radios for interoperable communications.	2	6	2	1	3	2	2	2	2	2	2	2	2	3	3	3	4	4	2	2	3	3	3	3	3	66		
Adopt/enforce land use flood plain wetlands and watershed zoning	2	3	4	7	3	3	2	1	2	1	2	1	1	3	3	2	4	4	3	3	2	2	2	2	3	65		
Adopt/enforce storm water legislation to reduce runoff from developments.	2	0	2	7	3	3	2	1	2	1	2	2	2	3	3	2	4	6	3	3	2	2	2	3	3	65		
Acquire and install six inch water mains/hydrants city wide	2	9	6	6	3	3	1	1	1	2	2	1	2	3	3	2	2	2	1	2	2	2	2	3	65			
Obtain equipment to build water flow and water retention areas to mitigate flooding	2	6	6	7	3	3	1	1	1	1	2	2	2	3	3	2	2	2	1	2	2	2	2	3	63			
Exercise wildfire response regularly for residences, businesses and industry	2	6	2	1	3	2	2	2	2	2	2	2	2	3	3	2	4	4	2	2	3	3	2	2	3	63		
Train and fund a position for school or workplace hostage negotiation	2	6	2	3	3	3	3	1	2	2	2	1	3	3	2	2	1	1	2	3	3	3	3	3	62			
Obtain specialized equipment to combat wild-land fires.	2	6	2	1	3	3	2	3	1	1	1	1	2	3	3	3	4	2	3	1	3	3	3	3	62			
Install/replace/maintain culverts ditches and bridges to reduce storm water flooding	2	6	4	7	3	3	1	1	1	1	2	2	2	3	3	2	2	2	1	2	2	2	2	3	61			



**City of Calera
All Hazards Mitigation Action Plan**

Obtain equipment to mitigate bridge, culverts, and roadway flooding	2	6	4	7	3	3	1	1	1	1	2	2	2	3	3	2	2	2	2	1	2	2	2	2	3	61
Obtain supplies and materials needed to vaccinate and prophylax 1st st responders	2	3	0	4	3	2	2	2	2	2	2	2	2	3	3	2	4	4	2	2	3	2	2	2	3	60