



























City Specific Mitigation Projects and Strategies




City	Hazard	Project Name / Strategy	Priority	Status	Impact on Buildings, Infrastructure, and the Community	Comments
Agoura Hills	Flood	Lake Lindero Revitalization Project Page 4-37	1	 Partially Complete	<ul style="list-style-type: none"> Will result in a reduction in flood risk to the Lake Lindero and downstream impacted areas. 	Pilot ozone treatment program implemented however the Lake Lindero Homeowners Association declined to pursue the project. Pilot catch basin grates and filters installed.
Calabasas	Fire	Fire Code Update Page 4-39	1	 Complete	<ul style="list-style-type: none"> May add requirements to new construction permits. Will reduce risk and mitigate the impact of fire on new construction. 	The revised Los Angeles County Fire Code adopted by the City. Further updates will be reviewed for adoption as available.
Calabasas	Fire	Incentive Based Lot Mergers Page 4-40	1	 Complete	<ul style="list-style-type: none"> Will mitigate future fire losses by ensuring that adequate open space is maintained between new construction projects. 	General Plan revised to include incentives for lot mergers. In addition, the 2009 General Plan mandated that homes be developed further apart.
Calabasas	Fire	Review Fuel Modification Plan Program Page 4-41	1	 Complete	<ul style="list-style-type: none"> Will mitigate future fire losses by ensuring that adequate vegetation clearance is maintained for all structures. 	Program reviewed and determined to be adequate. Multiple ongoing efforts provide public information and guidance.
Hidden Hills	Multi-Hazard	Advanced Emergency Training Page 4-43	1	 Complete/Ongoing	<ul style="list-style-type: none"> Improves public preparedness and mitigation education and hazard awareness. 	CERT classes offered throughout the year.






City	Hazard	Project Name / Strategy	Priority	Status	Impact on Buildings, Infrastructure, and the Community	Comments
Hidden Hills	Landslide	Comprehensive Hill Slope Management Program Page 4-44	1	 Complete	<ul style="list-style-type: none"> Will prevent future development on potentially unstable hillsides. May add requirements to new construction permits. Will reduce risk and mitigate the impact of landslides on new construction. 	Geological evaluations are required for all proposed hillside developments. Landslides are identified, mapped, and mitigated. In addition, the City has adopted a ridgeline protection ordinance to help preserve scenic corridors.
Hidden Hills	Multi-Hazard	Update the City of Hidden Hills General Plan Page 4-45	1	 Complete/Ongoing	<ul style="list-style-type: none"> May add requirements to new construction permits. Will reduce risk and mitigate the impact of disasters on new construction. 	The General Plan and existing codes are regularly reviewed and modified (if necessary).
Hidden Hills	Multi-Hazard	Emergency Satellite Communications Page 4-46	2	 Complete	<ul style="list-style-type: none"> Provides for better response and coordination by city personnel during and after a hazardous event. 	In May 2005, the Hidden Hills Public Safety Commission approved the purchase of two satellite telephones and a service contract.
Hidden Hills	Multi-Hazard	Evacuation Routes Page 4-47	2	 Complete	<ul style="list-style-type: none"> Improves public safety in the event that a mass evacuation is required. 	Point of egress identified and mapped. Signage is provided to direct the public.
Hidden Hills	Multi-Hazard	City of Hidden Hills Communications Improvements Page 4-48	2	 Partially Complete	<ul style="list-style-type: none"> May add requirements to new construction permits for communications infrastructure. Will provide for better response and coordination by city personnel during and after a hazardous event. 	Cellular telephone and radio coverage is regularly evaluated. The antennae lease program was dropped due to lack of funding and feasibility constraints.




City	Hazard	Project Name / Strategy	Priority	Status	Impact on Buildings, Infrastructure, and the Community	Comments
Malibu	Multi-Hazard	City of Malibu GIS Upgrade Page 4-49	1	 Complete/Ongoing	<ul style="list-style-type: none"> Will reduce risk and mitigate the impact of hazards on new construction by improving local land use planning. 	GIS upgrades complete with further improvements ongoing.
Malibu	Flood	Cross Creek Road Redesign Page 4-50	1	 Complete	<ul style="list-style-type: none"> Will result in a reduction in risk to new construction in the Cross Creek Road area. 	Creek Road was redesigned in a manner that improves drainage, pedestrian safety, and traffic flow.
Malibu	Flood	Flood Action Page 4-51	1	 Complete/Ongoing	<ul style="list-style-type: none"> May add requirements to land use planning and new construction permits. Will reduce risk and mitigate the impact of flood on new construction. 	Flood warning information is provided via the City website and Malibu participated in the FEMA California Coastal and Mapping Project/Open Pacific Coast Study (CCAMP). In addition, the City of Malibu General Plan includes specific flood mitigation goals.
Malibu	Flood	Malibu Mitigation Plan Page 4-54	1	 Complete/Ongoing	<ul style="list-style-type: none"> May add requirements to land use planning and new construction permits. Will reduce risk and mitigate the impact of flood on new construction. 	Flood specific goals included in the City of Malibu General Plan. Ongoing updates to mitigation goals and the General Plan are performed (as required).
Malibu	Flood	Las Flores Creek Restoration Page 4-55	1	 Complete	<ul style="list-style-type: none"> Will reduce risk and mitigate the impact of flood on new and existing construction in the Las Flores Creek area. 	Creek reconstructed to improve drainage as well as reduce flooding and erosion. Project added after completion of the 2005 HMP.
Malibu	Flood	Legacy Park Drainage Page 4-56	1	 Complete	<ul style="list-style-type: none"> Will reduce risk and mitigate the impact of flood on the Civic Center area. 	Improvements to drainage in the Malibu Civic Center area complete. Designed and constructed an 8 acre foot storm water retention pond and improved drainage to channel water to the retention pond. Project added after completion of the 2005 HMP.


City	Hazard	Project Name / Strategy	Priority	Status	Impact on Buildings, Infrastructure, and the Community	Comments
Malibu	Multi-Hazard	Bluffs Park Improvement Project Page 4-57	1	 In Progress / Ongoing	<ul style="list-style-type: none"> Improves public safety in the event that a mass emergency shelter is required. 	Upgrade critical infrastructure to improve reliability for emergency shelter. Project added after completion of the 2005 HMP.
Malibu	Flood	Catch Basin and Culvert Upgrades Page 4-58	1	 In Progress / Ongoing	<ul style="list-style-type: none"> Will reduce risk and mitigate the impact of flood and landslides on new and existing construction. 	Upgrade City catch basins and culverts to increase capacity. Project added after completion of the 2005 HMP.
Malibu	Flood	City Hall Drainage Improvements Page 4-58	1	 In Progress / Ongoing	<ul style="list-style-type: none"> Mitigates the risk of flooding in and around City Hall (critical infrastructure). 	Improve drainage around City Hall to channel water flow. Project added after completion of the 2005 HMP.
Malibu	Multi-Hazard	Excavation and Emergency Shelter at Zuma Beach Page 4-59	1	 In Progress / Ongoing	<ul style="list-style-type: none"> Improves public safety in the event that a mass evacuation is required. 	Work with LA County Beaches to develop the Zuma Beach parking lot as an emergency shelter location and secure access. Project added after completion of the 2005 HMP.
Malibu	Multi-Hazard	Las Flores Road Canyon Improvements Page 4-60	1	 In Progress / Ongoing	<ul style="list-style-type: none"> Will reduce risk and mitigate the impact of flood on new and existing construction in the Las Flores Creek area. Improves public safety in the event that a mass evacuation is required. 	Improve pavement and drainage to reduce flooding and erosion as well as maintain evacuation route reliability. Project added after completion of the 2005 HMP.

City	Hazard	Project Name / Strategy	Priority	Status	Impact on Buildings, Infrastructure, and the Community	Comments
Malibu	Multi-Hazard	Malibu Road Improvements Page 4-60	1	 In Progress / Ongoing	<ul style="list-style-type: none"> Will reduce risk and mitigate the impact of flood in the area. Improves public safety in the event that a mass evacuation is required. 	Improve pavement to reduce flooding and erosion as well as maintain evacuation route reliability. Project added after completion of the 2005 HMP.
Malibu	Multi-Hazard	Malibu Road Storm Drain System Improvements Page 4-61	1	 In Progress / Ongoing	<ul style="list-style-type: none"> Will reduce risk and mitigate the impact of flood on new and existing construction in the area. Improves public safety in the event that a mass evacuation is required. 	Improve storm drains to reduce flooding and erosion as well as maintain evacuation route reliability. Project added after completion of the 2005 HMP.
Malibu	Multi-Hazard	Pacific Coast Highway Drainage Improvements Page 4-61	1	 In Progress / Ongoing	<ul style="list-style-type: none"> Will reduce risk and mitigate the impact of flood on new and existing construction along Malibu Road. Improves public safety in the event that a mass evacuation is required. 	Work with Caltrans to improve drainage and divert water into the Legacy Park detention basin and prevent flooding along Malibu Road as well as maintain evacuation route reliability. Project added after completion of the 2005 HMP.
Malibu	Multi-Hazard	Rainsford Bridge Installation Page 4-62	1	 In Progress / Ongoing	<ul style="list-style-type: none"> Improves public safety in the event that a mass evacuation is required. 	Improve reliability of evacuation routes by installing a bridge at Rainsford Place. Project added after completion of the 2005 HMP.
Malibu	Multi-Hazard	Road Reconstruction Page 4-62	1	 In Progress / Ongoing	<ul style="list-style-type: none"> Improves public safety in the event that a mass evacuation is required. 	Improve reliability of evacuation routes by reconstructing Latigo Canyon Road, Corral Canyon Road, Encinal Canyon Road and Malibu Road. Project added after completion of the 2005 HMP.

City	Hazard	Project Name / Strategy	Priority	Status	Impact on Buildings, Infrastructure, and the Community	Comments
Malibu	Multi-Hazard	Tree Removal in City Right-of-Way Page 4-63	1	 In Progress / Ongoing	<ul style="list-style-type: none"> Reduces the risk of wildfire. Maintains critical infrastructure. 	Identify and remove trees to maintain a safe distance from power poles and reduce fire risk. Project added after completion of the 2005 HMP.
Malibu	Multi-Hazard	Utility Facility and Distribution Upgrades Page 4-63	1	 In Progress / Ongoing	<ul style="list-style-type: none"> Reduces the risk of power outages. Maintains critical infrastructure. 	Work with utility companies to improve utility distribution facilities and systems such as power poles, utility boxes, etc. Project added after completion of the 2005 HMP.
Malibu	Multi-Hazard	Water Storage Page 4-64	1	 In Progress / Ongoing	<ul style="list-style-type: none"> Improves the reliability of key resources. Maintains critical infrastructure. 	Work with LA County Water District 29 to improve water storage systems throughout the City of Malibu. Project added after completion of the 2005 HMP.
Malibu	Landslide/Flood	Big Rock Drainage Improvements Project Page 4-65	1	 Removed	<ul style="list-style-type: none"> Will result in a reduction in risk to new construction in the Big Rock area. 	Project dropped.
Malibu	Flood	Annual Street Pavement Project Page 4-66	2	 Complete/Ongoing	<ul style="list-style-type: none"> Maintains critical transportation infrastructure. 	Rehabilitation work is performed annually. Projects have included Broad Beach Road, Malibu Canyon Road, Civic Center Way, and Cross Creek Road.
Malibu	Earthquake	Soft Story Retrofitting Page 4-67	N/A	 Removed	<ul style="list-style-type: none"> May add requirements to new construction permits. Will reduce risk and mitigate the impact of disasters on new construction. 	An assessment was completed and no structures with soft stories were identified.

City	Hazard	Project Name / Strategy	Priority	Status	Impact on Buildings, Infrastructure, and the Community	Comments
Westlake Village	Multi-Hazard	City of Westlake Village Communications Improvements Page 4-69	1	 Complete/Ongoing	<ul style="list-style-type: none"> May add requirements to new construction permits for communications infrastructure. Will provide for better response and coordination by city personnel during and after a hazardous event. 	Westlake Village continues to work with wireless phone carriers to improve mobile phone reception in the areas of the city that are not adequately covered by wireless networks. The County-wide Integrated Radio System (CWIRS) was deployed. Furthermore, the City installed a satellite based computer network that allows the EOC to connect to the Internet in the event of a disruption to the landline computer network.
Westlake Village	Multi-Hazard	City of Westlake Village GIS Upgrade Page 4-70	1	 Complete/Ongoing	<ul style="list-style-type: none"> Will reduce risk and mitigate the impact of hazards on new construction by improving local land use planning. 	GIS updated and higher resolution maps were created of the Westlake Reservoir, the FEMA floodplain, and the fire hazard areas. A fire hazard severity map was created. Training of personnel on the GIS was conducted and will continue to be performed on an ongoing basis.
Westlake Village	Multi-Hazard	Emergency Power Generation Page 4-71	1	 Complete	<ul style="list-style-type: none"> Improves internal capabilities at critical City facilities. 	Generators were purchased for the EOC and the Community Room. Westlake Village now has a total of four portable generators.
Westlake Village	Fire	Smoke Detector Installation Page 4-72	1	 Complete	<ul style="list-style-type: none"> Will encourage residents with existing structures built prior to 1986 to install smoke detectors. This will mitigate the impact of fire on existing buildings. 	A program to educate the public about the importance of installing smoke detectors and replacing batteries periodically was instituted. Information was disseminated to the public through articles in a series of city newsletters.
Westlake Village	Windstorm/Fire	Tree Census Page 4-73	1	 Complete/Ongoing	<ul style="list-style-type: none"> May result in additional tree clearing or maintenance requirements for new commercial and residential development properties. 	The City's Public Works personnel identified and inspected every tree on public property in the City. Trees determined to be hazardous were cut down. The City continues to assess trees annually. In addition, a GIS tree mapping program has been developed.

City	Hazard	Project Name / Strategy	Priority	Status	Impact on Buildings, Infrastructure, and the Community	Comments
Westlake Village	Multi-Hazard	Advanced Emergency Training Page 4-74	2	 Complete/Ongoing	<ul style="list-style-type: none"> Improves public preparedness and mitigation education and hazard awareness. 	Advanced training is provided to DRT members every year. CERT classes are provided multiple times during the year. The City of Malibu hosted shelter training to which Westlake sent representatives. Westlake Village also conducted two Point of Distribution exercises in November of 2009 and 2010. The POD exercises used CERT members within an Incident Command System structure.
Westlake Village	Flood	Annual Street Resurfacing Program Page 4-75	2	 Complete/Ongoing	<ul style="list-style-type: none"> Maintains critical transportation infrastructure. 	<p>Completed rubberized asphalt overlay work on Benchley Court, Clearford Court, Kentfield Court, Kingspark Court, Middlegate Road, Royceton Court, and Village Brook Road.</p> <p>Completed slurry seal work on Lindero Canyon Road (Agoura Road to Via Colinas), Agoura Road (Lindero Canyon Road to western City limit), and First Neighborhood (southerly half).</p>
Westlake Village	Multi-Hazard	Public Emergency Preparedness Page 4-76	2	 Complete/Ongoing	<ul style="list-style-type: none"> Improves public preparedness and mitigation education and hazard awareness. 	<p>Emergency Preparedness Plan (for residents) updated and is available through the City's website.</p> <p>Los Angeles County established the California Fire Alliance which includes an information campaign aimed at educating the public about wildfire safety.</p> <p>The Los Angeles County Fire Department developed the Ready Set Go Wildfire Action Plan to inform residents of actions they can take to keep them safe from wildfires.</p> <p>Westlake Village and Agoura Hills hosted a joint emergency preparedness event in August 2010 aimed at educating the public.</p>

City	Hazard	Project Name / Strategy	Priority	Status	Impact on Buildings, Infrastructure, and the Community	Comments
Westlake Village	Fire	Wood Shingle/Shake Roofs Removal Project	N/A	 Removed	<ul style="list-style-type: none"> • May add requirements to new construction permits and building codes. • Will reduce risk and mitigate the impact of fire on new construction. 	An assessment was made and it was determined that the Los Angeles County Building Code is sufficient to encourage replacement of wood shingle roofs.

Strategy Organization

The Mitigation Strategies presented provide a listing of activities that the Region (normally through individual city departments) and citizens can implement to reduce risk. They reflect ongoing activities and future actions to be taken in order to reduce the loss of property and life.

The strategies are organized within the following matrix. Data collection, research and stakeholder participation were used to develop the hazard mitigation strategies listed. The following categories of information are provided for each strategy:

Hazard	The type of hazard that the strategy addresses. Multi-Hazard mitigation strategies provide strategies that can be applied to multiple or all hazards.	
Project Name	Name of the mitigation project strategy.	
Status	Project status, e.g., Complete, Partially Complete, Ongoing, Removed (Cancelled), Discontinued, etc.	
Strategy	Strategy description.	
Action Items	Actions that will be completed to implement (or continue) the strategy.	
Coordinating Department	The department with regulatory responsibility to address the named hazard, or that is willing and able to organize resources, find appropriate funding, or oversee implementation, monitoring, and evaluation. Participating departments are listed with the main department responsible in BOLD .	
Timeline/Completion Date/Priority	The estimated timeframe for implementation along with a general implementation priority.	
Total Cost	Estimated cost of the project.	
BCR	The estimated Benefit/Cost Ratio (BCR) indicating if (1) the project is cost effective (BCR>1.0); (2) the project is not cost effective (BCR<1.0), or (3) additional data is required.	
Funding Source(s)	Where the funding will be obtained.	
Constraints	Constraints may apply. These constraints may include a lack of staff, lack of funds, or vested property rights which might expose the Region to legal action as a result of adverse impacts on private property.	
Implementation Description	A brief description of activities associated with the project.	
Plan Goals Addressed The plan goals addressed by each project are divided into four categories (see check boxes below) and are included as a method to monitor and evaluate mitigation plan progress.		
	Public Awareness	Protect Life, Property, and the Environment
	Partnerships and Implementation	Emergency Management

Detailed mitigation strategies for the Las Virgenes-Malibu Council of Governments are provided in the following sections. The mitigation strategies provide detailed action items that support the strategy. Common mitigation strategies that pertain to the entire Las Virgenes-Malibu Region are listed under “Regional Mitigation Strategies”. Mitigation strategies that focus on one jurisdiction are contained in separate sections for each city. City specific mitigation strategies were submitted from various departments within each city. Mitigation strategies were reviewed and approved by the Steering Committee and Planning Group.

Hazard Mitigation Strategy Projects

The following Hazard Mitigation Strategies were included in the 2005 Hazard Mitigation Plan. An update on the status of each project for the 2011 Hazard Mitigation Plan is provided in the following tables for regional and city specific projects. Also, additional information related to mitigation activities since 2005 are included (as applicable) under specific projects or as new projects.

Regional Mitigation Projects

Hazard	Multi-Hazard		
Project Name	Implement, Revise, and Maintain the Las-Virgenes-Malibu Multi-Jurisdiction Hazard Mitigation Plan		
Status	Complete for 2011 / Maintenance Ongoing		
Strategy	The LVMCOG will continue to coordinate with the cities of Agoura Hills, Calabasas, Hidden Hills, Malibu and Westlake Village to update as needed the Multi-Jurisdictional Hazard Mitigation Plan.		
Action Items (recurring)	<ul style="list-style-type: none"> • Conduct an annual review of the plan. • Implement and monitor all mitigation strategies within the stated time periods. • Plan action items will continue to address at least one, if not all, plan goals: Public Awareness, Partnership and Implementation, Protect Life, Property, and the Environment, and Emergency Management. 		
Coordinating Department	Las Virgenes-Malibu Council of Governments (LVMCOG)		
Timeline/Completion Date/Priority	Ongoing / Review Annually Priority 1		
Total Cost	Plan Maintenance at \$50K to \$70K		
BCR	BCR>1.0		
Funding Source(s)	Hazard Mitigation Grant and COG		
Constraints	Time and Resources		
Implementation Description	The Multi-Jurisdiction Hazard Mitigation Plan was updated in 2011 as part of the strategy.		
Plan Goals Addressed			
X	Public Awareness	X	Protect Life, Property, and the Environment
X	Partnerships and Implementation	X	Emergency Management

Hazard	Multi-Hazard		
Project Name	Critical Infrastructure Assessment		
Status	Complete / Ongoing		
Strategy	Conduct an assessment of long term support for critical infrastructure.		
Action Items	<ol style="list-style-type: none"> 1. Determine what infrastructure is most crucial to the city during an emergency event 2. Conduct an assessment of how well prepared this infrastructure is in terms of long term support, i.e. what buildings have back-up generators, emergency materials, etc. to last for a designated period of time 3. Establish a designated period of time for 'long term' support that critical infrastructure should be prepared for 		
Coordinating Department	Building and Safety		
Timeline/Completion Date/Priority	5 years / YE 2009 Priority 1		
Total Cost	None, in-house staff time		
BCR	BCR>1.0		
Funding Source(s)	N/A		
Constraints	Time		
Implementation Description	<p>All Cities</p> <ul style="list-style-type: none"> • Each city continually assesses the state of emergency readiness of its critical facilities. <p>Agoura Hills</p> <ul style="list-style-type: none"> • No other actions taken. <p>Calabasas</p> <ul style="list-style-type: none"> • New City Hall and EOC constructed (added to critical infrastructure list) including emergency food, water, and supplies with backup generator. <p>Hidden Hills</p> <ul style="list-style-type: none"> • City Hall (EOC), Community Association, and school all have back-up generators. The City generator can switch over to propane back-up (2 week supply on site) should the natural gas supply be interrupted. <p>Malibu</p> <ul style="list-style-type: none"> • The city conducted a formal assessment of its new City Hall building upon completion. • A list of designated Critical Infrastructure locations is maintained by the Sheriff's Department, who has the responsibility to ensure the status of all locations following a disaster. The City will support these efforts with its EOC and building inspector staff. <p>Westlake Village</p> <ul style="list-style-type: none"> • Identified City Hall, the EOC, and the Community Room as critical facilities. • Stocked City Hall with food for 20 people for three days. • Ensured that all three facilities have functioning power generators. 		
Plan Goals Addressed			
	Public Awareness	X	Protect Life, Property, and the Environment
	Partnerships and Implementation	X	Emergency Management

Hazard	Multi-Hazard
Project Name	Emergency Shelter Identification
Status	Complete / Ongoing
Strategy	Identify buildings, areas, locations, etc. within the community that can be used as Emergency Shelters in case of a hazard event.
Action Items	<ol style="list-style-type: none"> 1. Build relationships with local hotels 2. Educate the hotels on hazards and procedures 3. Identify emergency shelters and provide detailed instructions on how to set up when activated as an emergency shelter 4. Conduct at minimum, yearly drills at the emergency shelters
Coordinating Department	Building and Safety
Timeline/Completion Date/Priority	3 years / YE 2007 Priority 1
Total Cost	None, in-house staff time
BCR	BCR>1.0
Funding Source(s)	N/A
Constraints	Time
Implementation Description	<p>All Cities</p> <ul style="list-style-type: none"> • All cities work with the American Red Cross to establish shelter sites and follow the ARC schedule of locations. <p>Agoura Hills</p> <ul style="list-style-type: none"> • Identified Agoura High School and Willow School as emergency shelters. <p>Calabasas</p> <ul style="list-style-type: none"> • Identified Calabasas High School, A.E. Wright Middle School, and A.C. Stelle Middle School as emergency shelters. <p>Hidden Hills</p> <ul style="list-style-type: none"> • Identified the Hidden Hills Community Association as an emergency shelter. <p>Malibu</p> <ul style="list-style-type: none"> • All the schools in the Santa Monica/Malibu School district are available to be used as shelters. In addition Malibu Bluffs Park may also be used. • The City has a Right-of Entry permit with Los Angeles County Department of Beaches and Harbors for the use of Zuma Beach parking lot #12, located near Trancas Canyon Road, for use as an emergency temporary shelter location for the public. This area is also permitted for the temporary evacuation of large animals. • Tsunami evacuation sites have been identified and locations publicized via the city's website.

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Hazard	Multi-Hazard		
Project Name	Emergency Shelter Identification		
Implementation Description (continued)	Westlake Village		
	<ul style="list-style-type: none"> • Calvary Community Church in Westlake Village and City Community rooms were identified as emergency shelter locations. • Berniece Bennett Park has been identified as an outdoor location to be used as a staging area, distribution point, or triage center in the event of an emergency. • The city is currently in discussions with the school district regarding the school district's role in providing temporary shelter in the event of an emergency. 		
Plan Goals Addressed			
	Public Awareness	X	Protect Life, Property, and the Environment
	Partnerships and Implementation	X	Emergency Management

Hazard	Multi-Hazard
Project Name	Hazard Awareness Public/Private Partnerships
Status	Complete / Ongoing
Strategy	Continue to create public/private partnerships to educate and involve surrounding community regarding hazard events.
Action Items	<ol style="list-style-type: none"> 1. Wildland Defensible Space Project <ol style="list-style-type: none"> a. Arrange for the city to provide land and the business community provides materials, equipment, etc. Public then becomes educated about Fire Defensible Plants b. This project was recommended to, and taken up by, the Santa Monica Mountains Fire Safe Alliance. This is a collaboration of related public agencies, departments and communities with the goal of improving stewardship in the wildland urban interface. 2. Provide the business community with Business Continuity training <ol style="list-style-type: none"> a. Conduct an assessment of employees that live in the community
Coordinating Department	Public Works, Community Services, Emergency Services
Timeline/Completion Date/Priority	5 years / YE 2009 Priority 1
Total Cost	None, in house staff time
BCR	BCR>1.0
Funding Source(s)	N/A
Constraints	Time
Implementation Description	<p>Agoura Hills</p> <ul style="list-style-type: none"> • Established a business task force to discuss hazard mitigation planning. The task force met once per month. Agoura Hills plans to continue this outreach effort through the task force. • Held an informational outreach event with Bank of America employees to discuss hazard mitigation planning. The City of Agoura Hills, the Los Angeles County Fire Department and a member of the Agoura Hills CERT facilitated the conversation. <p>Calabasas</p> <ul style="list-style-type: none"> • Provided several hundred books with business continuity information and guidance. Also made available via the City of Calabasas website. • Calabasas was a planning committee member in the development of the Community Wildfire Protection Plan (CWPP). This was a year-long collaborative project between the National Park Service, Los Angeles County Fire Department, and others in which open meetings with the public were held to identify and document specific wildfire risk and mitigation issues throughout the Santa Monica Mountains. • Calabasas is a member of the Santa Monica Mountains Fire Safe Alliance. This group published and distributed a 34-page booklet called A Road Map to Fire Safety: How to Create Defensible Space in the Santa Monica Mountains. Several thousand of these books were provided to local residents. <p>Hidden Hills</p> <ul style="list-style-type: none"> • There is no substantial business within Hidden Hills but City does work with the Community Association and Round Meadow Elementary School for hazard education and disaster preparedness.

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Hazard	Multi-Hazard		
Project Name	Hazard Awareness Public/Private Partnerships		
Implementation Description (continued)	Malibu		
	<ul style="list-style-type: none"> • Malibu was a planning committee member in the development of the Community Wildfire Protection Plan (CWPP). This was a year-long collaborative project between the National Park Service, Los Angeles County Fire Department, and others in which open meetings with the public were held to identify and document specific wildfire risk and mitigation issues throughout the Santa Monica Mountains. • Malibu is a member of the Santa Monica Mountains Fire Safe Alliance. This group published and distributed a 34-page booklet called A Road Map to Fire Safety: How to Create Defensible Space in the Santa Monica Mountains. Several thousand of these books were provided to local residents. • Malibu is working on an agreement with Malibu Methodist Church and Noah's Wish to provide emergency shelter for animals. • In coordination with the business community, the City of Malibu completed the Wildland Defensible Space project educating the public about fire defensible plants. • The City supports the California Wildlife Center, a (non-domestic) animal rescue organization based in Malibu. 		
	Westlake Village		
	<ul style="list-style-type: none"> • Hosted an emergency preparation seminar in August 2010 in which several vendors with emergency preparedness products were represented. 		
Plan Goals Addressed			
X	Public Awareness	X	Protect Life, Property, and the Environment
X	Partnerships and Implementation	X	Emergency Management

Hazard	Windstorm		
Project Name	Tree Pruning Program and Fire Code Sections		
Status	Complete		
Strategy	Create local City and utility awareness of tree pruning and Fire Code sections relevant to wind-resistant utility operations		
Action Items	<ol style="list-style-type: none"> 1. Review and update current codes on tree pruning in regards to public safety 2. Conduct assessment of trees within the city that can pose a safety hazard 3. Implement new codes regarding tree maintenance in the city's general plan 		
Coordinating Department	Public Works		
Timeline/Completion Date/Priority	5 years / YE 2009 Priority 1		
Total Cost	None, in-house staff time		
BCR	BCR>1.0		
Funding Source(s)	N/A		
Constraints	Time		
Implementation Description	<p>All Cities</p> <ul style="list-style-type: none"> • All cities within the region are serviced by the Los Angeles County Fire Department. Requirements related to tree pruning and brush clearances are contained in the Los Angeles County Fire Code, Section 1117, "Clearance of Brush and Vegetation Growth". • All cities distribute information related to tree pruning and brush clearance via hardcopy and city websites. Examples include "A Roadmap to Fire Safety" and annual brush clearance mailers distributed by Los Angeles County. • Additional fire prevention requirements are contained in the California Fire Code and Los Angeles County Fire Code. <p>Agoura Hills</p> <ul style="list-style-type: none"> • No additional actions taken. <p>Calabasas</p> <ul style="list-style-type: none"> • No additional actions taken. <p>Hidden Hills</p> <ul style="list-style-type: none"> • Hidden Hills is proactively undergrounding overhead utilities and private services. <p>Malibu</p> <ul style="list-style-type: none"> • Malibu has implemented a citywide tree pruning program. • The city is using aerial photographs to update their GIS and has created a GIS database and map of every tree on public property in the city. • Several Fire Safe Councils have been established or are planned in the Malibu Area, and are federally funded to provide wildfire mitigation measures. <p>Westlake Village</p> <ul style="list-style-type: none"> • All trees on public property were counted and assessed. Hazardous trees were removed. 		
Plan Goals Addressed			
	Public Awareness	X	Protect Life, Property, and the Environment
	Partnerships and Implementation	X	Emergency Management

Hazard	Multi-Hazard		
Project Name	Pre-Established Contracts		
Status	Partially Complete		
Strategy	Create pre-established contracts with local merchants to provide emergency items/materials in an emergency situation.		
Action Items	<ol style="list-style-type: none"> 1. Create relationships with local merchants 2. Establish contracts that would have these merchants provide certain goods to the city in case of an emergency situation, i.e. water, candles, canned food, etc. 		
Coordinating Department	Community Services		
Timeline/Completion Date/Priority	5 years / YE 2009 Priority 1		
Total Cost	None, in-house staff time		
BCR	BCR>1.0		
Funding Source(s)	N/A		
Constraints	Time		
Implementation Description	<p>Agoura Hills</p> <ul style="list-style-type: none"> • Pre-established contracts with vendors were established. It is the plan of Agoura Hills to add to these contracts over the next 5 years. <p>Calabasas</p> <ul style="list-style-type: none"> • Calabasas maintains contacts with local vendors and a list of contractors for emergencies. <p>Hidden Hills</p> <ul style="list-style-type: none"> • Hidden Hills contracts with local vendors and maintains a list of contractors for emergencies. In addition, Community Association crews and equipment are available upon request. <p>Malibu</p> <ul style="list-style-type: none"> • Malibu maintains a list of contractors that could be called upon to provide services and necessary items in the event of an emergency. • Malibu has a contract with Burns Pacific to provide street repair services as well as debris removal, fuel for the City's emergency generator and other services as required. • The City EOC holds an Advantage card with Smart and Final, to expedite the purchase of needed supplies after a disaster. • Malibu has a standing account with SOS Survival Products for the provision of emergency supplies. • Malibu has a standing account with Ryan Communications for the provision of radio and satellite communications equipment and repair. <p>Westlake Village</p> <ul style="list-style-type: none"> • Agreements have been established with private vendors of services in the event that City resources are overwhelmed in an emergency situation. • Plan to expand relationships with large retailers in the City. 		
Plan Goals Addressed			
	Public Awareness	X	Protect Life, Property, and the Environment
X	Partnerships and Implementation	X	Emergency Management

Hazard	Multi-Hazard		
Project Name	Emergency Services Contractors		
Status	Consolidated with Pre-Established Contracts (vendor program)		
Strategy	Develop a directory of pre-existing contractors in case of emergency services.		
Action Items	<ol style="list-style-type: none"> 1. Conduct assessment of past contractors used and local contractors 2. Indicate which contractors best suit the Region's needs 3. Create an inventory of contractors for individual cities to keep and use if and when a hazard event warrants the need for a contractor's particular services 		
Coordinating Department	Community Services		
Timeline/Completion Date/Priority	5 years / YE 2009 Priority 1		
Total Cost	None, in-house staff time		
BCR	BCR > 1.0		
Funding Source(s)	N/A		
Constraints	Time		
Implementation Description	See Pre-Established Contracts section		
Plan Goals Addressed			
	Public Awareness	X	Protect Life, Property, and the Environment
X	Partnerships and Implementation	X	Emergency Management

Hazard	Multi Hazard		
Project Name	Regional Public Safety Commission		
Status	Removed		
Strategy	To create a Regional Public Safety Commission to discuss matters of public safety and assist the Las Virgenes-Malibu Council of Governments to review the Hazard Mitigation Plan annually. This will create a more specialized group than Area B and allow for more focused effort and cohesion between the cities represented in the Las Virgenes-Malibu COG		
Action Items	<ol style="list-style-type: none"> 1. Create a Public Safety Commission comprised of members from all five cities represented in the Las Virgenes-Malibu COG 2. Conduct at minimum, six meetings a year to discuss matters of public safety, including hazards in the area and changing social, economic and environmental conditions in regards to the hazards 3. Provide suggestions on updating the Hazard Mitigation Plan 		
Coordinating Department	Public Safety		
Timeline/Completion Date/Priority	3 years / YE 2007 Priority I		
Total Cost	None, in-house staff time		
BCR	BCR>1.0		
Funding Source(s)	N/A		
Constraints	Time		
Implementation Description	This project was removed. Each city manages public safety issues through their internal Public Safety Commissions.		
Plan Goals Addressed			
	Public Awareness	X	Protect Life, Property, and the Environment
X	Partnerships and Implementation	X	Emergency Management

Hazard	Multi-Hazard
Project Name	Communications Hardening
Status	Complete / Ongoing
Strategy	Update, revise, upgrade communications networks, facilities, equipment, etc. in the Region to avoid communications problems during a hazard event.
Action Items	<ol style="list-style-type: none"> 1. Create antenna lease programs to avoid “black spots” in the Region 2. Add repeaters to existing radio systems 3. Purchase generators 4. Create MOU’s with companies such as Nextel 5. Purchase wireless communication, (such as handheld radios) equipment for EOC’s
Coordinating Department	Public Works, Building and Safety
Timeline/Completion Date/Priority	5 years / YE 2009 Priority 2
Total Cost	\$100,000
BCR	BCR>1.0
Funding Source(s)	FEMA HMGP funds or internal funding
Constraints	Funding
Implementation Description	<p>All Cities</p> <ul style="list-style-type: none"> • Established Blackboard Connect Inc.’s Connect-CTY system which allows each city to send out emergency messages to residents' telephones. • Deployed the County-wide Integrated Radio System (CWIRS). • Implementing the Operational Area Response and Recovery System (OARRS). • The LA County Sheriff's Department implemented NIXLE which is a system to send geographically specific text messages and E-mails. <p>Agoura Hills</p> <ul style="list-style-type: none"> • Added repeaters and enhanced existing repeaters. • Purchased generators <p>Calabasas</p> <ul style="list-style-type: none"> • The City of Calabasas created a Twitter account which can be used to disseminate emergency information. • The City has a portable satellite Internet terminal and 3 Inmarsat portable satellite telephones. <p>Hidden Hills</p> <ul style="list-style-type: none"> • Installed a satellite computer and phones. • Continuously evaluating deficiencies and improvement options. The city is always looking for ways to improve cellular reception. • An emergency generator has been installed at City Hall with a 2 week back-up fuel supply that will sustain the city’s communication capabilities. • The City has several licensed HAM operators. • The City has installed antennas, repeaters and base stations throughout the City.

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Hazard	Multi-Hazard		
Project Name	Communications Hardening		
Implementation Description (continued)	Malibu		
	<ul style="list-style-type: none"> • Installed a new generator with the capability to operate all critical communications, I.T. and Emergency Operations Center (EOC) functions. • Established Emergency Public Information (EPI) outlets via TWITTER, FACEBOOK and NIXLE, and hired a new Media Information Officer to run the EPI systems. • Created new WiFi zones for public use at major City parks. • Installed a satellite computer network that will allow the EOC to access the internet even if the landline based network is disrupted. • Established radio communications with Fire, Sheriff, Amateur (Ham) radio operators and volunteer responders via radios installed in the office of the Emergency Services Coordinator, which is located immediately adjacent to the City's EOC. 		
	Westlake Village		
	<ul style="list-style-type: none"> • Installed a satellite computer network that will allow the EOC to access the internet even if the landline based network is disrupted. 		
Plan Goals Addressed			
	Public Awareness	X	Protect Life, Property, and the Environment
X	Partnerships and Implementation	X	Emergency Management

Hazard	Multi-Hazard
Project Name	Emergency Preparedness Public Awareness Campaigns
Status	Complete / Ongoing
Strategy	A comprehensive program that would educate citizens about local hazards and what to do in case of hazard events.
Action Items	<ol style="list-style-type: none"> 1. Continue to provide the public with information regarding hazards 2. Create public service TV shows on local cable channels 3. Obtain matched funding through partnerships with local business community
Coordinating Department	Community Services
Timeline/Completion Date/Priority	5 years / YE 2009 Priority 2
Total Cost	\$30,000
BCR	BCR>1.0
Funding Source(s)	FEMA grants and/or internal funds
Constraints	Funding
Implementation Description	<p>All Cities</p> <ul style="list-style-type: none"> • Los Angeles County, State, and Federal government established the California Fire Alliance which includes an information campaign aimed at educating the public about wildfire safety. • The Los Angeles County Fire Department developed the Ready Set Go Wildfire Action Plan to inform residents of actions they can take to keep them safe from wildfires. • LA County Shake Out Exercise conducted annually. • CERT training is offered throughout the year to better prepare local residents and raise public awareness. <p>Agoura Hills</p> <ul style="list-style-type: none"> • Created a television channel which carries some programming aimed at educating the public about emergency preparedness. • Hosted an earthquake preparedness webinar in August 2010 including a Q&A session with Police and Fire. • Westlake Village and Agoura Hills hosted a joint emergency preparedness event in August 2010 aimed at educating the public about emergency preparedness. <p>Calabasas</p> <ul style="list-style-type: none"> • Calabasas television aired public safety meetings and public service announcements on the City's television channel (CTV). • The City of Calabasas website has educational information about disaster preparedness. • The "Map Your Neighborhood Program" serves to organize and educate residents in preparation for responding to a disaster. <p>Hidden Hills</p> <ul style="list-style-type: none"> • Preparedness information is made available via the City's web page, handouts, cable TV Channel 3, and both City and Community Association newsletters.

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Hazard	Multi-Hazard		
Project Name	Emergency Preparedness Public Awareness Campaigns		
Implementation Description (continued)	Malibu		
	<ul style="list-style-type: none"> • The City of Malibu created a TV station that airs public safety educational programming. Programs have been developed to address fire preparedness, flood preparedness, as well as evacuation procedures. • Malibu airs multi-hazard public safety announcements on local television. • Malibu created a 3 hour class for residents on living in interface regions with a high risk of wild fires. 		
	Westlake Village		
	<ul style="list-style-type: none"> • Westlake Village and Agoura Hills hosted a joint emergency preparedness event in August 2010 aimed at educating the public about emergency preparedness. 		
Plan Goals Addressed			
X	Public Awareness	X	Protect Life, Property, and the Environment
X	Partnerships and Implementation	X	Emergency Management

Hazard	Multi-Hazard		
Project Name	Rehabilitation of Residential Properties		
Status	Complete / Ongoing		
Strategy	Provide funds for low/moderate income residents to improve health and safety conditions.		
Action Items	1. Provide funds, equipment and/or materials to residents that cannot afford to repair households that might pose safety hazards		
Coordinating Department	Building and Safety		
Timeline/Completion Date/Priority	10 years / YE 2014 Priority 2		
Total Cost	Up to \$35,000 per household		
BCR	BCR>1.0		
Funding Source(s)	FEMA and/or CDBG Funds		
Constraints	Funding		
Implementation Description	<p>Agoura Hills</p> <ul style="list-style-type: none"> Home renovation projects to address safety hazards for low and moderate income residents are addressed through the City's home rehabilitation outreach program. <p>Calabasas</p> <ul style="list-style-type: none"> Calabasas maintains a Community Development Block Grant (CDBG) housing rehabilitation program that provides loans and grants to low and moderate income residents for emergency repairs, improvements to sub-standard properties, corrections for code violations, seismic retrofits and removal of lead-based paint and asbestos hazards. Up to a maximum of \$7,500 and deferred zero percent loans of up to \$15,000 are available to eligible homeowners who qualify as low or moderate income under U.S. Housing and Urban Development guidelines. <p>Hidden Hills</p> <ul style="list-style-type: none"> N/A <p>Malibu</p> <ul style="list-style-type: none"> SoCal Edison and Sempra Energy audits were conducted. CDBG funds were used to renovate the day worker hiring center run by the Malibu Community Labor Exchange. <p>Westlake Village</p> <ul style="list-style-type: none"> Home renovation projects to address safety hazards for low and moderate income residents are considered on an individual basis as a part of the Housing Rehab Program funded through the federal Community Development Block Grant program. 		
Plan Goals Addressed			
	Public Awareness	X	Protect Life, Property, and the Environment
	Partnerships and Implementation	X	Emergency Management

Hazard	Multi-Hazard		
Project Name	US 101 Freeway Corridor Improvement Study		
Status	Complete		
Strategy	Explore potential solutions to the transportation deficiencies of the 40-mile transportation corridor including, and surrounding (city streets and public transportation), the US 101 Freeway from State Route 23 in Thousand Oaks to State Route 110 in Downtown Los Angeles.		
Action Items	<ol style="list-style-type: none"> 1. Identify scope and funding for projects that would help relieve congestion and improve safety along the corridor 2. Implement recommendations from study that would better serve the community in terms of public safety 		
Coordinating Department	Las Virgenes-Malibu Council of Governments, Los Angeles Department of Transportation, Caltrans, Los Angeles County Metropolitan Transit Authority (METRO), Southern California Association of Governments (SCAG)		
Timeline/Completion Date/Priority	10 years / YE 2014 Priority 2		
Total Cost	\$4.5 million		
BCR	BCR>1.0		
Funding Source(s)	Grants from Metro and SCAG		
Constraints	Funding, Community Support		
Implementation Description	<ul style="list-style-type: none"> • The US 101 Freeway Corridor Study was completed. • The Kanan Road Interchange project was completed. • The Reyes Adobe Interchange project was completed. • The Chesebro Interchange project is projected to be completed within the next five years. • The Lindero Canyon Interchange project will be completed within the next 5 years. 		
Plan Goals Addressed			
X	Public Awareness	X	Protect Life, Property, and the Environment
X	Partnerships and Implementation	X	Emergency Management

Hazard	Multi-Hazard
Project Name	Risk Assessment Project
Status	Partially Complete
Strategy	Conduct a comprehensive city by city risk assessment of life and property in direct earthquake, fire, landslide and flood zones.
Action Items	<ul style="list-style-type: none"> • Monitor existing hazard zones and identify new hazard zones within each city of the Las Virgenes-Malibu COG Region • Track existing and identify the number of new parcels and units that lie within hazard zones • Update existing information as data becomes available and identify valuations of new buildings. • Upgrade GIS technologies to better map hazard areas • Conduct GIS training for internal staff • Seek funding through internal grant writers
Coordinating Department	Planning, Public Works, Information Technology, Building and Safety
Timeline/Completion Date/Priority	3 years / YE 2007 Priority 2
Total Cost	\$50,000
BCR	BCR>1.0
Funding Source(s)	FEMA HMGP funds
Constraints	Funding and resources
Implementation Description	<p>All Cities</p> <ul style="list-style-type: none"> • Continuously monitoring risk exposure updating information as circumstances change and as new data becomes available. <p>Agoura Hills</p> <ul style="list-style-type: none"> • The City of Agoura Hills conducted a comprehensive risk assessment of the city in 2009 (LossCAP Program Risk Management Evaluation, March 31, 2009). • The City of Agoura Hills updated its Geographic Information System (Archmap v.9). In addition, the City budgets \$10,000 annually for GIS consultant services. • The City of Agoura Hills General Plan 2035 was adopted on March 24, 2010 and provides Community Safety hazard mitigation policies for flood, geological and seismic hazards, fire, hazardous materials, and emergency preparedness. <p>Calabasas</p> <ul style="list-style-type: none"> • The Calabasas City Council approved a 5-year subscription to Digital Map Products to provide GIS capabilities (City Council Agenda Report 5/12/2011). The cost to the city was \$15,000 for training and start-up and \$35,000 per year for 5 years. • The City of Calabasas web site provides CommunityView™ which allows residents to map specific locations in the city and view local zoning as well as DFIRM (Digital Flood Insurance Rate Map) information. • The City of Calabasas Department of Public Works issued a <u>Manual for the Preparation of Geologic and Geotechnical Reports</u> (May 2010) to provide standards for developing geological information including hazard reports.

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Hazard	Multi-Hazard		
Project Name	Risk Assessment Project		
Implementation Description (continued)	Calabasas (continued) <ul style="list-style-type: none"> • The City of Calabasas 2030 General Plan was adopted in December 2008 and a Safety Element that provides guidelines for future development in alignment with the California Building Code (CBC) including hazard mitigation policies covering seismic threats, mudslides, flooding, fires, evacuation routes, minimum road widths, and clearance around structures. 		
	Hidden Hills <ul style="list-style-type: none"> • The City of Hidden Hills General Plan is under evaluation to identify elements requiring updates. Seismic, fire, landslide, flooding, and other hazardous risk programs are being assessed. • The City of Hidden Hills has an active utility undergrounding program to reduce outages and fire hazards. 		
	Malibu <ul style="list-style-type: none"> • The City of Malibu upgrades its GIS every year, including staffing, education, and equipment improvements. • A tree removal program was carried out to remove dead trees in the public right-of-way power line space to mitigate potential fire risks. • An assessment was conducted to evaluate overloaded/aging power and communication poles in the City. • The City of Malibu General Plan was adopted in July 2009 and includes a Safety and Health Element that provides guidelines for reducing the potential for loss of life, injuries, damage to property, and social and economic dislocation resulting from major hazards throughout the community. 		
	Westlake Village <ul style="list-style-type: none"> • Fire hazard zones were identified and a GIS fire hazard map was developed. • Flood hazard zones related to Triunfo Creek and Three Springs Dam were identified and mapped using GIS. • Training was conducted and will continue to be conducted on an ongoing basis. 		
Plan Goals Addressed			
	Public Awareness	X	Protect Life, Property, and the Environment
	Partnerships and Implementation	X	Emergency Management

Hazard	Multi-Hazard		
Project Name	Citizen Corp		
Status	Removed – Citizen Corps is managed by the State and County		
Strategy	Expand the Region’s citizen participation programs.		
Action Items	<ol style="list-style-type: none"> 1. Expand Community Emergency Response Training (CERT) to be active in all cities within the Las Virgenes-Malibu COG 2. Recruit members for the Medical Reserve Corp 3. Create public awareness campaign through community outreach, press releases and city held volunteer functions 4. Develop a volunteer base to create opportunities for citizens to participate 5. Provide recruitment and training for these groups 		
Coordinating Department	Community Services		
Timeline/Completion Date/Priority	5 years / YE 2009 Priority 2		
Total Cost	\$5,000		
BCR	BCR>1.0		
Funding Source(s)	FEMA HMGP funds		
Constraints	Funding, time		
Implementation Description	Removed – Citizen Corps is managed by the State and County (see Advanced Community Training section for CERT activities)		
Plan Goals Addressed			
X	Public Awareness	X	Protect Life, Property, and the Environment
X	Partnerships and Implementation	X	Emergency Management

Hazard	Multi-Hazard		
Project Name	Advanced Community Training		
Status	Complete / Ongoing		
Strategy	Provide advanced emergency training for community members.		
Action Items	<ol style="list-style-type: none"> 1. Provide CPR training for residents 2. Provide EMT training for residents 3. Provide more Automatic External Defibrillators (AED) 4. Provide training for residents and staff to be certified to operate AED's already present at some public buildings within the Region 5. Provide Advanced Emergency Training for residents 		
Coordinating Department	Community Services, Los Angeles County Fire Department		
Timeline/Completion Date/Priority	5 years / YE 2009 Priority 3		
Total Cost	\$25,000		
BCR	BCR>1.0		
Funding Source(s)	FEMA HMGP funds		
Constraints	Funding, time		
Implementation Description	<p>Agoura Hills</p> <ul style="list-style-type: none"> • The City has offered 2 CERT classes annually since 2007 and plans to continue offering these classes over the next five years. These classes are open to anyone who wishes to attend - residents and non-residents. • CERT members participated in community events in order to give residents an opportunity to learn more about emergency preparedness and to promote the CERT class. <p>Calabasas</p> <ul style="list-style-type: none"> • There is a basic training component for residents in the "Map Your Neighborhood" campaign. • 2-3 CERT classes available to residents of Calabasas annually. <p>Hidden Hills</p> <ul style="list-style-type: none"> • CERT, damage assessment, first aid, and CPR classes are offered whenever possible. <p>Malibu</p> <ul style="list-style-type: none"> • 4 CERT classes are offered in Malibu every year. • The City currently has trained over 300 members of the public in CERT. Approximately 40 Malibu residents are considered active CERT volunteers. Over the next five years Malibu will focus on managing the volunteers it has; not on increasing its volunteer base. • Members of the Malibu CERT participated in Wilderness First Aid training classes. • CPR/AED and First Aid classes are offered every month at City Hall. • Malibu offered a 3 hour wildland fire training class for residents. <p>Westlake Village</p> <ul style="list-style-type: none"> • Provided GIS training for city personnel. • Sent representatives to shelter training hosted by the City of Malibu. • 2-3 CERT classes available to residents of Westlake Village annually. 		
Plan Goals Addressed			
X	Public Awareness	X	Protect Life, Property, and the Environment
	Partnerships and Implementation	X	Emergency Management

Other Regional Hazard Mitigation Efforts

In addition to the regional mitigation projects listed, the following ongoing efforts are applicable for each city:

- New construction developments must meet all Los Angeles County Codes.
- There is a fuel modification program that impacts structures that are within 200 feet of a state or national park.

Agoura Hills Mitigation Projects

City	Agoura Hills		
Hazard	Flood		
Project Name	Lake Lindero Revitalization Project		
Status	Partially Complete		
Strategy	To clear Lindero Creek and Lake Lindero of flood hazards		
Action Items	<ul style="list-style-type: none"> • Much needed de-silting/dredging operation, upstream elevation correction and management to address flooding; installation of sediment catchments and debris basins to control accumulation of silt and trash • Analysis and implementation of BMP's for disinfecting lake • Reinstatement & maintenance of more natural streambed environment • Project to include ongoing maintenance 		
Coordinating Department	Engineering		
Timeline/Completion Date/Priority	6 months / Originally May 2006 Priority 1		
Total Cost	\$5 million		
BCR	BCR>1.0		
Funding Source(s)	HOA		
Constraints	Resources and Funding		
Implementation Description	<p>In December 2009, a pilot ozone treatment project began to clean up pollution in local creeks including Lindero Creek. Permits were obtained from the Los Angeles County Flood Control District and Fish & Game in order to proceed with the project located at the outfall of Lindero Creek on the south side of Agoura Road, west of Kanan Road. In addition, the City's Engineering Department met with the Lake Lindero Homeowners Association (HOA) to discuss implementing ozone treatment technology to clean-up privately-owned Lindero Lake; however the HOA declined to pursue the project. In September 2009, a pilot project was conducted to installed catch basin grates and filter inserts at two locations near Agoura High and Lindero Middle School. The project allowed staff to monitor the catch basin grates during the wet-weather season (City of Agoura Hills, Engineering Department 2009 Year in Review).</p>		
Plan Goals Addressed			
	Public Awareness	X	Protect Life, Property, and the Environment
	Partnerships and Implementation	X	Emergency Management



Figure 60: Catch Basin Grates and Filters

Other City of Agoura Hills Mitigation Efforts

The City airs public service announcements via the City television channel and provides information through its web site, newsletters, and community events to promote emergency preparedness within the community. Examples are provided below:



Consider Joining The Agoura Hills DRT? Why:

Members of the CERT DRT are:

- 1) CERT Trained
- 2) Can help their families, neighbors and community during emergencies
- 3) Assist with community events

Call (818) 597-7300 for more information.




CERT TRAINING
SEPT 13, 2011 – OCT 29, 2011
Agoura Hills, CA
Community Room
6:30 pm – 9:00 pm

21 hour training program, developed to provide basic training in safety and life saving skills for the general public.

Developed through FEMA, the L.A. County Fire Department's Community Emergency Response Training (CERT) program. Course topics covered include but not limited to:

- Disaster Preparedness, Disaster Fire Suppression, Disaster Medical Operations, Course Review Table Top Exercise at of training classes

To sign up to attend these classes, please contact Louis Celaya, City of Agoura Hills, at (818) 597-7314, or Maria Grayan, LAGCO Community Services Representative, at (310) 456-7923.

BE EMERGENCY PREPARED!




GET CONNECTED!
FREE EMERGENCY NOTIFICATION
ENROLL NOW!

Receive important and emergency notifications from the City. You can be reached within minutes by phone, email, text. Message sent by authorized City Officials.

Contact: City Hall at (818) 597-7300, for more information, or sign up on the website — www.ci.agoura-hills.ca.us



The City of Agoura Hills utilizes the Connect-CITY (Blackboard Inc.) system to provide residents with critical information such as emergency notifications and targeted community outreach bulletins (such as road closures). Residents are encouraged to sign-up for the program via the City TV channel and newsletters. Currently the City has more than 5,000 residents signed-up for Connect-CITY.



**Community Emergency Response Team
Los Angeles County Fire Department**

You will eventually have to take care of yourself, your family, and your neighbors after an earthquake or other emergency. Do you know what to do? Learn from the experts how to prepare and respond in the event of a major disaster.

**AGOURA HILLS
CLASSES BEGIN TUESDAY, MARCH 6, 2012**

Following a major disaster, police, fire and medical professionals may not be able to meet the demand for emergency medical attention. Residents and neighbors may need to rely upon one another to help with immediate life saving needs, particularly in isolated neighborhoods that may be cut-off from the outside world.

The County of Los Angeles Fire Department Community Emergency Response Team (CERT) course was developed through FEMA to provide basic fire safety and life saving skills.

**All Tuesday Classes are from 6:30 pm to 9:00 pm
Saturday Class is from 9:00 am to 12:00 noon**



Tuesday, March 6, 2012	Disaster Preparedness
Tuesday, March 13, 2012	Disaster Fire Suppression
Tuesday, March 20, 2012	Disaster M.E.A. Operations Part I
Tuesday, March 27, 2012	Disaster M.E.A. Operations Part 2
Tuesday, April 3, 2012	Light Search & Rescue Exercise
Tuesday, April 10, 2012	Disaster Post-Disaster Team Organization
Tuesday, April 17, 2012	Table Top Exercise
Wednesday, April 25, 2012	Review: Drill Simulation Evaluation

Class Location
Agoura Hills City Hall
Community Room
3000 Lady Lane Court
Agoura Hills, CA

There is NO CHARGE for CERT classes.

Please note: You must attend all sessions in order to receive a certificate of completion.

TO REGISTER
Call: (818) 597-7314, or
Register online at: www.fire.lacounty.gov/cert
(Scroll to Agoura Hills listing, then click on the "register" link)

**LOS ANGELES COUNTY FIRE DEPARTMENT
CERT TRAINING**

The Los Angeles County Fire Department will be offering the following CERT training sessions at the Fire Training Academy, September 13 - October 25, 2011 (6:30pm - 9:00 pm), and Saturday morning, October 29, 2011 (9:00 am - Noon). The classes will meet from 6:30 pm to 9:00 pm at the Community Room of the Agoura Hills City Center, 3000 Lady Lane Court in Agoura Hills. This FREE training is open to all interested community members, you need not be a resident of the City of Agoura Hills in order to attend. Everyone is welcome!

The following are the class/training topics that will be covered:

- Tuesday, September 13, 2011 – Disaster Preparedness**
 - Introduction to disasters
 - Impact of disasters on infrastructure
 - Role of CERT volunteers in disaster response
- Tuesday, September 20, 2011 – Disaster Fire Suppression**
 - Fire chemistry and basic fire suppression
 - Identifying and reducing potential fire hazards
 - Firefighting resources and techniques
 - Introduction to hazardous materials incidents
- Tuesday, September 27, 2011 – Disaster Medical Operations I**
 - Treatment strategies for life threatening conditions
 - Principles of triage
- Tuesday, October 4, 2011 – Disaster Medical Operations II**
 - Needs to help patient assessment
 - Establishing treatment areas
 - Treatments for burns, lacerations, fractures, sprains, and other injuries
- Tuesday, October 11, 2011 – Light Search and Rescue Operations & Terrorism**
 - Search and rescue priorities and resources
 - Rescue techniques and rescue safety
 - Lifting, cribbing, and debris removal
 - Terrorism, risk and threat analysis
 - Types of terrorism weapons
- Tuesday, October 18, 2011 – Disaster Psychology & Organization**
 - Individual emotional adjustment
 - CERT organization, Incident Command System
 - CERT decision making and documentation
- Tuesday, October 25, 2011 – Course Review Table Top Exercise**
 - Course review
 - Tabletop exercise
- Saturday October 29, 2011 (9 to noon) – Disaster Simulation Drill**

You must participate in all classes in order to receive a certificate of completion. If you are a previous CERT student who needs to "refresh" a missed module, or would like the "refresher course" for a particular subject of interest, you are welcome to attend just that module. To sign up to attend these classes, please contact Louis Celaya, City of Agoura Hills, at (818) 597-7314, or Maria Grayan, LAGCO Community Services Representative, at (310) 456-7923.

Calabasas Mitigation Projects

City	Calabasas		
Hazard	Fire		
Project Name	Fire Code Update ⁴		
Status	Complete		
Strategy	Review and update existing city codes		
Action Items	<ul style="list-style-type: none"> • Review existing codes relevant to fire protection and prevention in the wildland interface • Work with Los Angeles County Fire Department to enforce new codes 		
Coordinating Department	Los Angeles County Fire Department and Community Development		
Timeline/Completion Date/Priority	1 year / 2006 Priority 1		
Total Cost	None, in-house staff time		
BCR	BCR>1.0		
Funding Source(s)	N/A		
Constraints	Time		
Implementation Description	Fire codes were reviewed, updated, and approved by the Los Angeles County Fire Department. The City of Calabasas adopted the 2011 County of Los Angeles Fire Code. Further updates to the code will be reviewed for adoption when available. (Note: All cities within the Las Virgenes-Malibu Council of Governments have adopted the County of Los Angeles Fire Code)		
Plan Goals Addressed			
	Public Awareness	X	Protect Life, Property, and the Environment
X	Partnerships and Implementation	X	Emergency Management

⁴ <http://www.cityofcalabasas.com/departments/fire.html> - All fire services are provided to residents through contract with the Consolidated Fire Protection District of Los Angeles County. The City receives fire protection and paramedic services as well as wildland fire protection and forestry tree service

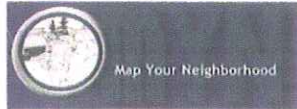
City	Calabasas		
Hazard	Fire		
Project Name	Incentive Based Lot Mergers		
Status	Complete		
Strategy	Initiate process to provide incentive for residents to merge smaller lots		
Action Items	<ul style="list-style-type: none"> • Begin process to educate and provide incentive for residents to consolidate small lots into one larger lot • Encourage homes to be developed with enough distance from one another in order to prevent the spread of fires 		
Coordinating Department	Community Development		
Timeline/Completion Date/Priority	5 years / YE 2009 Priority 2		
Total Cost	\$1,000,000		
BCR	BCR>1.0		
Funding Source(s)	FEMA HMGP funds		
Constraints	Funding, community participation		
Implementation Description	The Calabasas General Plan was revised to include incentives for residents to consolidate small lots into one larger lot. The General Plan was implemented in 2008. In 2009 new zoning ordinances mandated that homes be developed farther apart to prevent the spread of fires.		
Plan Goals Addressed			
X	Public Awareness	X	Protect Life, Property, and the Environment
	Partnerships and Implementation	X	Emergency Management

City	Calabasas		
Hazard	Fire		
Project Name	Review Fuel Modification Plan Program		
Status	Complete		
Strategy	Review current fuel modification program sections of the Code to address problems with the existing code		
Action Items	<ul style="list-style-type: none"> • Review existing fuel modification program • Prepare a fuel management plan to minimize wildland fire risk in a manner which protects the safety of people, personal property and existing biotic resources 		
Coordinating Department	Los Angeles County Fire Department, Community Development		
Timeline/Completion Date/Priority	2 years / 2007 Priority 1		
Total Cost	None, in-house staff time		
BCR	BCR>1.0		
Funding Source(s)	N/A		
Constraints	Time		
Implementation Description	<p>The Los Angeles County Fuel Modification Plan was reviewed and deemed sufficient. The requirements were not changed and still apply to all new construction.</p> <p>Other ongoing efforts related to fire mitigation include:</p> <ul style="list-style-type: none"> • County-wide Fire Safe Alliance • Regional brush clearance and procedures • Neighborhood brush clearance (LA County Fire, National Parks, etc.) • "Path to Fire Safety" brochure • Continued to work with local Homeowners Associations • Fire safety information made available via the Calabasas City website • CTV (Calabasas Television) public safety committee hearings (including fire safety) <ul style="list-style-type: none"> ○ Public Safety Meetings ○ Council Meetings 		
Plan Goals Addressed			
X	Public Awareness	X	Protect Life, Property, and the Environment
X	Partnerships and Implementation	X	Emergency Management

Other City of Calabasas Hazard Mitigation Efforts

- Map Your Neighborhood Program - This was a program encourages local homeowners to conduct neighborhood emergency planning.

RESIDENTS INVITED TO FREE "MAP YOUR NEIGHBORHOOD" CLASS



The Calabasas Department of Public Safety and Emergency Preparedness invites all Calabasas residents to attend a "Map Your Neighborhood" Train the Facilitator class on Thursday, March 31, 2011 from 6:30p.m. to 8:30p.m. at Founders Hall in the Calabasas Library (200 Civic Center Way in Calabasas). Map Your Neighborhood is a program designed to help neighborhoods prepare for disasters.

The purpose of the class is to prepare neighborhoods for emergencies and disaster situations which can save lives, reduce the severity of injuries and trauma, and reduce property damage. Participants will learn how to share information with their neighbors regarding the nine steps to take immediately following a disaster, identify neighborhood skills and equipment inventory, and create a neighborhood map & contact list. In addition, working together as a team and contributing as an individual develops stronger communities and improves the quality of life in the community.

The class is free and participants are encouraged to RSVP by contacting Debbie Larson at ☎ (818) 224-1620. Map Your Neighborhood was developed by LuAnn K Johnson, PhD, Public Education Manager, Washington State Emergency Management. For more information on this program, please visit <http://www.emf.wa.gov/myn/index.shtml>

- Public Information and Communications are provided through multiple capabilities:
 - Facebook and Twitter (Social media resources are used to issue public notices. Residents can sign-up voluntarily through the City's website)
 - Connect-CTY
 - CTV (Calabasas Television)
 - AM Radio 1630

Hidden Hills Mitigation Projects

City	Hidden Hills		
Hazard	Multi-Hazard		
Project Name	Advanced Emergency Training		
Status	Complete / Ongoing		
Strategy	Provide increased advanced emergency training for the City's Community Emergency Response Team (CERT)		
Action Items	<ul style="list-style-type: none"> • Provide additional Advanced Emergency Training for CERT members 		
Coordinating Department	Hidden Hills OES		
Timeline/Completion Date/Priority	Ongoing Priority 2		
Total Cost	\$25,000		
BCR	BCR>1.0		
Funding Source(s)	FEMA HMGP funds when applicable and available		
Constraints	Funding and time		
Implementation Description	CERT training is offered on an ongoing basis.		
Plan Goals Addressed			
	Public Awareness	X	Protect Life, Property, and the Environment
	Partnerships and Implementation	X	Emergency Management

City	Hidden Hills		
Hazard	Landslide		
Project Name	Comprehensive Hill Slope Management Program		
Status	Complete		
Strategy	To recognize the concern for future property damages incurred by residents		
Action Items	<ul style="list-style-type: none"> • Complete the program that manages hill slope activity where developments already are present • Suggest appropriate proactive measures that govern the long term stability of potentially active landslide areas • Prevent future development on potentially unstable hillsides 		
Coordinating Department	Engineering/Public Works		
Timeline/Completion Date/Priority	3 years / YE 2007 Priority 1		
Total Cost	None, in-house staff time		
BCR	BCR>1.0		
Funding Source(s)	N/A		
Constraints	Time		
Implementation Description	Geological evaluations are required for all proposed hillside developments. Landslides are identified, mapped, and mitigated. In addition, the City has adopted a ridgeline protection ordinance to help preserve scenic corridors.		
Plan Goals Addressed			
	Public Awareness	X	Protect Life, Property, and the Environment
	Partnerships and Implementation	X	Emergency Management

City	Hidden Hills		
Hazard	Multi-Hazard		
Project Name	Update the City of Hidden Hills General Plan		
Status	Complete / Ongoing		
Strategy	Continue to review and update the General Plan for the City of Hidden Hills to reflect current conditions		
Action Items	<ul style="list-style-type: none"> • Review entire plan and make adjustments to reflect current city conditions, most notably the Safety Element of the plan • Review existing codes within the plan and see if any new ones need to be created or old ones amended 		
Coordinating Department	Engineering/Public Works		
Timeline/Completion Date/Priority	2 years / YE 2006 Priority 1		
Total Cost	None, in-house staff time		
BCR	BCR>1.0		
Funding Source(s)	N/A		
Constraints	Time		
Implementation Description	The General Plan and existing codes are regularly reviewed and changes are made as required. The General Plan is currently being updated.		
Plan Goals Addressed			
	Public Awareness	X	Protect Life, Property, and the Environment
	Partnerships and Implementation	X	Emergency Management

City	Hidden Hills		
Hazard	Multi-Hazard		
Project Name	Emergency Satellite Communications		
Status	Complete		
Strategy	Purchase satellite telephones to avoid communications problems during an emergency		
Action Items	<ul style="list-style-type: none"> • Develop a plan for the number and location of satellite telephones needed (planning currently underway) • Purchase satellite telephones • Create a Service Level Agreement with the selected satellite communications provider 		
Coordinating Department	Public Works, Building and Safety		
Timeline/Completion Date/Priority	1 year / 2006 Priority 2		
Total Cost	\$20,000		
BCR	BCR>1.0		
Funding Source(s)	General Fund		
Constraints	Funding		
Implementation Description	In May 2005, the Hidden Hills Public Safety Commission approved the purchase of two satellite telephones and a service contract.		
Plan Goals Addressed			
	Public Awareness	X	Protect Life, Property, and the Environment
X	Partnerships and Implementation	X	Emergency Management