

Emergency Preparedness Public Awareness Campaigns (2018)

Category	Description
City	All LVMCOG Cities: Agoura Hills, Calabasas, Hidden Hills, Malibu, Westlake Village
Hazard	Multi-Hazard
Project Name	Emergency Preparedness Public Awareness Campaigns
Status	Ongoing
Project Origin	2018 LVMCOG MJHMP
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	Ongoing with Annual Reviews / Priority 2
Total Cost	\$30,000
Funding Source(s)	General Funding
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 promote wildfire mitigation and preparedness. • LA County Shake Out Exercise is conducted annually. • Distribute information campaigns and educational materials via city-owned TV, web sites, newsletters, handouts, CERT programs, and social media. <p>Agoura Hills</p> <ul style="list-style-type: none"> • The City of Agoura Hills continues to air public service announcements and programs information aimed at educating the public about emergency preparedness and mitigation on its local TV channel. The program runs 24/7. • The City continues to hosts personal emergency training twice per year for the general public. (CERT). • The City's local disaster response team hosts informational training sessions several times per year. Meetings are open to the general public. • The City hosted a "Preparedness Saturday" event on September 24, 2022, to educate the community on personal preparedness. LA County Fire and the City's CERT volunteers were also present at the event. <p>The City hosted a "Public Safety Symposium" on April 20, 2023, with LA County Sheriff and LA County Fire and provided information on safety and preparedness. The event included a question and answers session.</p> <p>Calabasas</p> <ul style="list-style-type: none"> • C TV – The Calabasas Channel airs public safety meetings and other emergency preparedness programs on local cable. • Calabasas website has educational information about disaster preparedness. • Map Your Neighborhood (MYN) Program serves to organize and educate residents in preparation for responding to a disaster. • AM radio – Calabasas radio 1630 AM for emergency broadcast information. • Finalsite Connect- WEA messaging.

Category	Description		
Project Name	Emergency Preparedness Public Awareness Campaigns (continued)		
Implementation Description	Hidden Hills <ul style="list-style-type: none"> Preparedness information is made available via the City’s web page, handouts, TV Channel, and City and Community Association newsletters. Hidden Hills conducted a public workshop and training for Wildfire evacuation for residents and large animals. Ongoing CERT training. 		
	Malibu <ul style="list-style-type: none"> Malibu airs multi-hazard public safety announcements on local television. Malibu’s Media Team regularly posts preparedness information on all social media outlets. Preparedness Public Service Announcements are regularly aired on Malibu’s local radio station KBUU. CERT classes are offered to the public three times each year. Public Safety and Education events are held regularly throughout the year. 		
	Westlake Village <ul style="list-style-type: none"> Westlake Village continues to provide TV, web site, newsletter (including video) and media information campaigns aimed at emergency preparedness and disaster mitigation. Social media page established to increase awareness and participation. “How To” video being developed to encourage residents to sign up to emergency notification systems. 		
Plan Goals Addressed			
X	Public Awareness	X	Protect Life, Property, and the Environment
X	Partnerships and Implementation	X	Emergency Management

Risk Assessment Project (2018)

Category	Description
City	All LVMCOG Cities: Agoura Hills, Calabasas, Hidden Hills, Malibu, Westlake Village
Hazard	All Hazards
Project Name	Risk Assessment Project
Status	Ongoing
Project Origin	2018 LVMCOG MJHMP
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 (including new parcels and units). Continue to update existing information as data becomes available and identify valuations of new buildings. Continue to improve and/or add GIS technologies to better map hazard areas. Conduct GIS training for internal staff (as applicable).
Coordinating Department	Planning, Public Works, Information Technology, Building and Safety
Timeline/Completion Date/Priority	Ongoing with Annual Reviews / Priority 2
Total Cost	\$50,000
Funding Source(s)	General Funding
Constraints	Funding and resources

Category	Description		
Project Name	Risk Assessment Project (continued)		
Implementation Description	<p>Hidden Hills</p> <ul style="list-style-type: none"> • The City of Hidden Hills General Plan continually monitored and updated (as needed) to identify elements requiring updates. Seismic, fire, landslide, flooding, and other hazardous risk programs are assessed. The General Plan is currently being assessed for a potential update. • The City of Hidden Hills continues to work with SCE to replace overhead power lines and poles with underground electrical systems. City of Hidden Hills mapped all utility poles within the City. <p>Malibu</p> <ul style="list-style-type: none"> • The Building and Safety Department conducted a survey to identify all of the soft story structures in the City. • 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 is updated regularly as needed. The General Plan 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. The revised Hazard Mitigation Plan will become the new Safety Element in the General Plan. <p>Westlake Village</p> <ul style="list-style-type: none"> • Fire hazard zones were identified and a GIS fire hazard map was developed. Westlake Village relies on state’s Fire Severity Zone mapping of the entire community. • Westlake Village has maps for each community but primarily uses Know Your Zone from LA County. Association in the City aid in individualized emergency alerts. Westlake Village also has Finalsite Connect to message individual communities. • Flood hazard zones related to Triunfo Creek and Three Springs Dam were identified and mapped using GIS. To identify flood zones Westlakes engineering team uses CALOES maps for review. • Training was conducted and will continue to be conducted on an ongoing basis. • City staff met with Cal Fire officials to review and approve safety elements of the General Plan update. 		
Plan Goals Addressed			
	Public Awareness	X	Protect Life, Property, and the Environment
	Partnerships and Implementation	X	Emergency Management

Rehabilitation of Residential Properties (2018)

Category	Description		
City	All LVMCOG Cities: Agoura Hills, Calabasas, Hidden Hills, Malibu, Westlake Village		
Hazard	<ul style="list-style-type: none"> • Earthquake • Wildfire • Windstorm • Debris Flow 		
Project Name	Rehabilitation of Residential Properties		
Status	Ongoing/Modified		
Project Origin	2018 LVMCOG MJHMP		
Strategy	Provide funds for low/moderate income residents to improve health and safety conditions.		
Action Items	Continue to investigate opportunities and funding to mitigate hazards by providing 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	Ongoing with Annual Reviews / Priority 2		
Total Cost	Up to \$35,000 per household		
Funding Source(s)	General Funding		
Constraints	Funding		
Implementation Description	<p>Agoura Hills</p> <ul style="list-style-type: none"> • January 2023, the City adopted an Ordinance amending the 2022 California Green Building standards to establish a reach code and adopt all electrical building requirements to help build resiliency during climate change. • 2023 – The City initiated a Home Hardening Grant Program to assist residential property owners with implementing Home Hardening technologies at their residences. <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"> • The City has an aggressive program to eliminate all wood shake roofs. There are approximately 10 wood shake roofs left. <p>Malibu</p> <ul style="list-style-type: none"> • The City does not currently have a home rehabilitation program. <p>Westlake Village</p> <ul style="list-style-type: none"> • Home renovation projects to address safety hazards (as well as other repairs to improve the livability or energy efficiency of the house) 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

Advanced Community Training (2018)

Category	Description
City	All LVMCOG Cities: Agoura Hills, Calabasas, Hidden Hills, Malibu, Westlake Village
Hazard	All Hazards
Project Name	Advanced Community Training
Status	Ongoing/Modified
Project Origin	2018 LVMCOG MJHMP
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 6. Provide Evacuation Training for Residents- KNOW YOUR ZONE GENASYS
Coordinating Department	Community Services, Los Angeles County Fire Department
Timeline/Completion Date/Priority	Ongoing with Annual Reviews / Priority 3
Total Cost	\$25,000
Funding Source(s)	General Fund
Constraints	Funding, time
Implementation Description	<p>Agoura Hills</p> <ul style="list-style-type: none"> • The City of Agoura offers 2 CERT classes annually and continues to offer these classes. 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 training classes. • The City hosted American Red Cross Shelter Training in March 2022, July 2022 and March 2023 for City Staff and CERT Volunteers, and neighboring jurisdiction staff to educate on requirements for shelter management. • The city currently has 28 active and trained members of the public on its CERT Disaster Response Team. • Bi-annual CPR/AED 1st Aid Training Classes are offered to active DRT Members. • Five Active Members of the City's DRT have received advanced medical training. The city will continue to offer this training to its DRT members as they become available. • There are currently 17 licensed Amateur Radio CERT volunteers. • The City's CERT volunteers continue to train in disaster response, providing first aid at community events, and received CPR/AED and basic first aid training every two years. • CERT volunteers have received and continued to receive Shelter Management training to assist city staff. • CERT volunteer has received active shooter response training. • July 11, 2023, LA County CERT training was provided to the community. The six weeks course provides training on personal preparedness to class attendees.

Category	Description		
Project Name	Advanced Community Training (continued)		
Implementation Description	<p>Calabasas</p> <ul style="list-style-type: none"> Community Emergency Response Team (CERT) classes offered to residents annually. CPR/AED/First Aid training for volunteers of the city continues to be offered. Implemented a basic training component for residents in the MYN campaign. Promotes amateur radio licensing classes on a quarterly basis to become a HAM radio operator. Over 100 ham radio licenses earned per year. Calabasas will provide in person and social media outreach to HOAs to enhance awareness on evacuation zones and procedures. 		
	<p>Hidden Hills</p> <ul style="list-style-type: none"> The CERT team has continuing training in disaster response, first aid and evacuation shelter setup. The CERT first aid medical equipment trailer has been checked and updated. City staff and CERT team members have been trained in active shooter response, CPR and AED use. City emergency vehicle/fire truck fire equipment 		
	<p>Malibu</p> <ul style="list-style-type: none"> 3 CERT classes are offered in Malibu every year. The City currently has trained over 300 members of the public in CERT. Approximately 30 CERT graduates have completed additional training, registered as disaster services workers and are part of the official Malibu CERT Team. CPR/AED and First Aid classes are offered once a year at City Hall. 		
	<p>Westlake Village</p> <ul style="list-style-type: none"> Westlake Village sends representatives to shelter training hosted by the American Red Cross when possible. Provide staff and Disaster Response Team members with access to CPR/AED/First Aid training. 2-3 CERT classes available to residents of Westlake Village annually in conjunction with the LA County Fire Department 		
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 to mitigate the risk of earthquake, fire, and other disasters.
- There is a fuel modification program to mitigate the threat of wildfire that impacts structures that are within 200 feet of a state or national park.

Agoura Hills Mitigation Projects

Advanced Emergency Training (2018)

Category	Description		
City	Agoura Hills		
Hazard	All Hazards		
Project Name	Advanced Emergency Training		
Status	Ongoing		
Project Origin	2018 LVMCOG MJHMP		
Strategy	Provide advanced emergency management training to city personnel and the public.		
Action Items	<ul style="list-style-type: none"> Utilize existing programs such as CERT to provide advanced emergency training to volunteers. Promote advanced emergency management training to city personnel including FEMA emergency management courses. 		
Coordinating Department	Emergency Management		
Timeline/Completion Date/Priority	Ongoing with Annual Reviews / Priority 1		
Total Cost	\$2,275 and \$4,263		
Funding Source(s)	General Fund		
Constraints	Time		
Implementation Description	<ul style="list-style-type: none"> Improve Public and Staff preparedness by implementing advanced Emergency Training through existing and/or new programs. For example, the City of Agoura Hills conducted advanced medical training for CERT volunteers. Additionally, in 2022 and 2023 the City hosted American Red Cross Shelter Training for City Staff and CERT Volunteers to educate on requirements for shelter management. Further, the City of Agoura Hills hosted the Fire Preparedness Workshop in 2019 to educate the community on personal Fire Preparedness. The City has sent multiple EOC staff members to FEMA/CALOES training sessions on Finance, Operations, and Logistics. City staff also participated in CALOES Emergency Executive Management training held in the City of Calabasas. 		
Plan Goals Addressed			
X	Public Awareness	X	Protect Life, Property, and the Environment
	Partnerships and Implementation	X	Emergency Management

Agoura Road Widening (2018)

Category	Description		
City	Agoura Hills		
Hazard	All Hazards		
Project Name	Agoura Road Widening		
Status	Ongoing / Roadway Complete, Environmental Mitigation Ongoing		
Project Origin	2018 LVMCOG MJHMP		
Strategy	Improve Multi-Modal Access, Emergency Bi-Pass, Improve Operational Capacity		
Action Items	<ul style="list-style-type: none"> Secure Funding, Design Process, Right of Way, Construction, Environmental Mitigation Final mitigation completed – May 22, 2022 		
Coordinating Department	Start Sept. 2010 / Completion Fall of 2018 / Priority 1		
Timeline/Completion Date/Priority	Complete / Priority 1		
Total Cost	\$36,000,000		
Funding Source(s)	Measure R		
Constraints	Funding		
Implementation Description	Roadway Complete		
Plan Goals Addressed			
X	Public Awareness	X	Protect Life, Property, and the Environment
X	Partnerships and Implementation	X	Emergency Management

Annual Street Pavement Rehabilitation Project (2018)

Category	Description		
City	Agoura Hills		
Hazard	All Hazards		
Project Name	Annual Street Pavement Rehabilitation Project		
Status	Ongoing / Under Design		
Project Origin	2018 LVMCOG MJHMP		
Strategy	Maintain critical infrastructure - Reduce the potential for loss of life, injury, and economic damage to Agoura Hills residents and businesses by keeping the public roads in a state of good repair.		
Action Items	<ul style="list-style-type: none"> Repair and maintain local streets to ensure ingress/egress routes are clear and improve environmental safety. Advertise for bids. Award contract. Complete construction. 		
Coordinating Department	Public Works		
Timeline/Completion Date/Priority	FY 2019-20 – Out to Bid 5/22/2019/End of September 2019 FY 2020-21 – Out to Bid 4/14/20; End of September 2020 FY 2022-23 – Out to Bid 5/11/23; End of September 2023		
Total Cost	FY 2019/20 \$345,555; FY 2021-22 \$992,000/FY 2022-23 - \$810,000		
Funding Source(s)	Measure R (Local, Road Rehab Fund), STP-L, SBI Funds; Prop C Funds		
Constraints	Funding		
Implementation Description	Remove & Reconstruct asphalt, and base. Replace curb ramps to current ADA Standards.		
Plan Goals Addressed			
X	Public Awareness	X	Protect Life, Property, and the Environment
X	Partnerships and Implementation		Emergency Management

Fairview Road Improvement Project (2018)

Category	Description		
City	Agoura Hills		
Hazard	All Hazards		
Project Name	Fairview Road Improvement Project		
Status	Completed		
Project Origin	2018 LVMCOG MJHMP		
Strategy	Maintain critical infrastructure for emergency egress on Fairview Road.		
Action Items	<ul style="list-style-type: none"> Obtain approvals 		
Coordinating Department	Public Works		
Timeline/Completion Date/Priority	Complete / Priority 1		
Total Cost	Final Cost TBD		
Funding Source(s)	General Fund		
Constraints	Resources and Funding		
Implementation Description	Obtain road improvement funding and approvals for Fairview Road.		
Plan Goals Addressed			
	Public Awareness	X	Protect Life, Property, and the Environment
	Partnerships and Implementation	X	Emergency Management

Roadside Bridge Widening (2018)

Category	Description		
City	Agoura Hills		
Hazard	Earthquake/Wildfire		
Project Name	Roadside Bridge Widening		
Status	Ongoing / Completing Design and Permitting		
Project Origin	2018 LVMCOG MJHMP		
Strategy	Reduce the potential for loss of life, injury, and economic damage to Agoura Hills residents and businesses from earthquake, wildfire, landslides, and the impacts of these hazards. Increase City's ability to serve the community during disaster response and recovery by mitigating risks to key infrastructure.		
Action Items	<ul style="list-style-type: none"> Begin and complete construction 		
Coordinating Department	Public Works		
Timeline/Completion Date/Priority	Originally August 2018 - August 2019 – Completion Dependent on Permitting and Funding – Status Reviewed Quarterly and As Needed // Priority 2		
Total Cost	\$2,000,000		
Funding Source(s)	HBP and Toll Credits		
Constraints	Limited right of way		
Implementation Description	Widen bridge to eliminate bottleneck. Install sidewalk.		
Plan Goals Addressed			
	Public Awareness	X	Protect Life, Property, and the Environment
	Partnerships and Implementation	X	Emergency Management

Palo Camado Bridge Widening (2018)

Category	Description		
City	Agoura Hills		
Hazard	Earthquake/Wildfire		
Project Name	Palo Camado Bridge Widening		
Status	Ongoing / Completing Design and Permitting		
Project Origin	2018 LVMCOG MJHMP		
Strategy	Reduce the potential for loss of life, injury, and economic damage to Agoura Hills residents and businesses from earthquake, wildfire, landslides, and the impacts of these hazards. Increase City's ability to serve the community during disaster response and recovery by mitigating risks to key infrastructure.		
Action Items	<ul style="list-style-type: none"> Begin and complete construction 		
Coordinating Department	Public Works		
Timeline/Completion Date/Priority	Originally July 2018 - July 2020 – Completion Dependent on Permitting and Funding – Status Reviewed Quarterly and As Needed / Priority 3		
Total Cost	\$21 Million		
Funding Source(s)	Measure R and Measure M		
Constraints	Limited bridge height		
Implementation Description	Widen bridge to increase capacity. Install traffic signals and sidewalks. Seismic retrofit.		
Plan Goals Addressed			
	Public Awareness	X	Protect Life, Property, and the Environment
X	Partnerships and Implementation	X	Emergency Management

Culvert and Drain Improvements and Erosion Mitigation (2024)

Category	Description		
City	Agoura Hills		
Hazard	Flood/Severe Winter Storm/Landslide/Debris Flow		
Project Name	Culvert and Drain Improvements and Erosion Mitigation		
Status	New / Ongoing		
Project Origin	2024 LVMCOG MJHMP		
Strategy	Replace damaged drains and erosion, while enhancing the capability of culverts /drain inlets to today's building standards		
Action Items	<ul style="list-style-type: none"> Secure funding (in progress) Design replacement of drains Replace damaged drains and improve the capability of culverts 		
Coordinating Department	Public Works		
Timeline/Completion Date/Priority	2026 / Priority 2		
Total Cost / BCR	\$400,000 / 1.68		
Funding Source(s)	General Fund		
Constraints	Time and Funding		
Implementation Description	Improve drain and culvert capabilities to reduce the risk of flooding and landslides.		
Plan Goals Addressed			
	Public Awareness	X	Protect Life, Property, and the Environment
	Partnerships and Implementation	X	Emergency Management

Other City of Agoura Hills Mitigation Efforts

Emergency Power Generation

The City of Agoura Hills has completed implementation of emergency power generation capabilities for selected critical City locations. This furthers the City’s ability to maintain continuity of operations during a power disruption.

Public Awareness

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.

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

AGOURA HILLS
 CLASSES BEGIN TUESDAY, MARCH 27, 2018

Following a major disaster, police, fire and medical professionals may not be able to attend to 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 main road.

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

All Tuesday Classes are from 8:30 am to 9:00 pm

Tuesday, March 27, 2018	Disaster Preparedness
Tuesday, April 3, 2018	Disaster Fire Suppression
Tuesday, April 10, 2018	Disaster Medical Operations, Part 1
Tuesday, April 17, 2018	Disaster Medical Operations, Part 2
Tuesday, April 24, 2018	Light Search & Rescue - Terrestrial
Tuesday, May 1, 2018	Disaster Psychology - Team Organization
Tuesday, May 8, 2018	Disaster Child Identification/Coordination

Class Location
 Agoura Hills City Hall
 Community Room
 3000 Ladyface 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) 597-7300, or
 Register online at: www.fire.jacounty.gov/cert
 (Scroll to Agoura Hills listing, then click on the "register" link)

AGOURA HILLS
 CLASSES BEGIN TUESDAY, SEPTEMBER 18, 2018

Following a major disaster, police, fire and medical professionals may not be able to attend to 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 main road.

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

All Tuesday Classes are from 8:30 am to 9:00 pm

Tuesday, September 18, 2018	Disaster Preparedness
Tuesday, September 25, 2018	Disaster Fire Suppression
Tuesday, October 2, 2018	Disaster Medical Operations, Part 1
Tuesday, October 9, 2018	Disaster Medical Operations, Part 2
Tuesday, October 16, 2018	Light Search & Rescue - Terrestrial
Tuesday, October 23, 2018	Disaster Psychology - Team Organization
Tuesday, October 30, 2018	Disaster Child Identification/Coordination

Class Location
 Agoura Hills City Hall
 Community Room
 3000 Ladyface 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) 597-7300, or
 Register online at: www.fire.jacounty.gov/cert
 (Scroll to Agoura Hills listing, then click on the "register" link)

The City of Agoura Hills utilizes the Connect-CTY (Finalsite 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 7,100 residents signed-up for Connect-CTY.

Calabasas Mitigation Projects

Fire Code Update (2018)

City	Calabasas		
Hazard	Wildfire		
Project Name	Fire Code Update⁵		
Status	Complete		
Project Origin	2018 LVMCOG MJHMP		
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	Complete / Priority 1		
Total Cost	None, in-house staff time		
Funding Source(s)	General Fund		
Constraints	Time		
Implementation Description	Calabasas Building and Safety Staff changes to the fire code pending the next triennial cycle of the LA County Fire Code for review.		
Plan Goals Addressed			
	Public Awareness	X	Protect Life, Property, and the Environment
X	Partnerships and Implementation	X	Emergency Management

Incentive Based Lot Mergers (2018)

City	Calabasas		
Hazard	Wildfire		
Project Name	Incentive Based Lot Mergers		
Status	Complete		
Project Origin	2018 LVMCOG MJHMP		
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	Complete / Priority 2		
Total Cost	\$1,000,000		
Funding Source(s)	General Fund		
Constraints	Funding, community participation		
Implementation Description	The General Plan update incentivizing small lot mergers was completed and adopted by the City Council in 2008. The 2010 Development Code updates reflect such policies. No additional incentives are required at this time.		
Plan Goals Addressed			
X	Public Awareness	X	Protect Life, Property, and the Environment

⁵ <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

Partnerships and Implementation	X	Emergency Management
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Green Streets Program (2024)

Category	Description		
City	Calabasas		
Hazard	Flooding		
Project Name	Green Streets Program		
Status	New/Ongoing		
Project Origin	2024 LVMCOG MJHMP		
Strategy	Create landscaped catch-basins within the right of way to capture, treat and infiltrate storm water runoff. Designed to catch rainwater at its source, the improvements work to avoid flooding and retain water resources for future use rather than allowing run-off into storm drains and ultimately the ocean.		
Action Items	Continue to investigate opportunities for future installations of green street locations throughout the city.		
Coordinating Department	Public Works		
Timeline/Completion Date/Priority	Ongoing with Annual Reviews Priority 2		
Total Cost / BCR	Current Phase: \$5,000,000 / 1.97		
Funding Source(s)	Measure M, Prop. 1 (Rd 1)		
Constraints	Funding		
Implementation Description	Calabasas has started a Green Streets program of locating green street improvements citywide. As funding becomes available, we will prioritize locations that best serve the objectives of flooding mitigation and sustainability.		
Plan Goals Addressed			
	Public Awareness	X	Protect Life, Property, and the Environment
	Partnerships and Implementation	X	Emergency Management

Mulholland Highway – Phase I & II (2024)

Category	Description		
City	Calabasas		
Hazard	Flooding/Landslide/Debris Flow/Mudslide		
Project Name	Mulholland Highway – Phase I & II		
Status	New/Under Design Phase I under construction; Phase II in design		
Project Origin	2024 LVMCOG MJHMP		
Strategy	Construct retaining wall, storm drain and pedestrian sidewalk improvements to increase safety for pedestrians and retain slope from failure during heavy water events.		
Action Items	Design and construct improvements unique to this area and geography.		
Coordinating Department	Public Works		
Timeline/Completion Date/Priority	Feb. 2024 Priority 2		
Total Cost / BCR	\$5,500,000 / 2.05		
Funding Source(s)	Measure M		
Constraints	Difficult coordination with other agencies (i.e. school district, utilities)		
Implementation Description	Construction of retaining wall, sidewalk improvements and necessary utility relocation has begun on Phase I. Design of Phase II is underway.		
Plan Goals Addressed			
	Public Awareness	X	Protect Life, Property, and the Environment
	Partnerships and Implementation	X	Emergency Management

West Calabasas Road Improvements (2024)

Category		Description	
City	Calabasas		
Hazard	All Hazards		
Project Name	West Calabasas Road Improvements		
Status	New/Under Design		
Project Origin	2024 LVMCOG MJHMP		
Strategy	Seek areas to install multi-modal improvements improving traffic safety for all users. Addresses Slope Erosion, Traffic Safety, and Pedestrian-Bicycle Safety.		
Action Items	<ul style="list-style-type: none"> Slope stabilization – retaining wall or pinned shotcrete in erosion prone areas Road improvements for greater traffic flow and safety (i.e. left turn lane, bypass lane, protected bike and pedestrian improvements) 		
Coordinating Department	Public Works		
Timeline/Completion Date/Priority	2025 Priority 2		
Total Cost / BCR	\$3,230,000 / 1.71		
Funding Source(s)	Measure R		
Constraints	Funding / Staff Resources		
Implementation Description	<ul style="list-style-type: none"> Currently in the design phase of the project Following design, bid project for construction 		
Plan Goals Addressed			
	Public Awareness	X	Protect Life, Property, and the Environment
	Partnerships and Implementation		Emergency Management

Citywide Weed Abatement Program (2024)

Category		Description	
City	Calabasas		
Hazard	Wildfire		
Project Name	Citywide Weed Abatement Program		
Status	New/Ongoing		
Project Origin	2024 LVMCOG MJHMP		
Strategy	Systematic abatement of weeds and brush in City Parks, and neighborhood districts.		
Action Items	Contract with a landscape contractor to clear weeds, grass and dead plants to 200 feet from structures in city parks, public roadways and designated areas within Calabasas' four landscape Maintenance and Lighting Districts. Addresses weeds and other plant fuel too close to homes.		
Coordinating Department	Public Works		
Timeline/Completion Date/Priority	Ongoing with Annual Reviews Priority 1		
Total Cost / BCR	\$2,100,000 annually / 1.05		
Funding Source(s)	City general landscape maintenance fund and LMD/LLD district revenues		
Constraints	Funding		
Implementation Description	Calabasas is in the second year of a four-year agreement to abate weeds, grass and dead plants.		
Plan Goals Addressed			
X	Public Awareness	X	Protect Life, Property, and the Environment
	Partnerships and Implementation	X	Emergency Management

Las Virgenes Creek Restoration III (2024)

Category	Description		
City	Calabasas		
Hazard	Flooding		
Project Name	Las Virgenes Creek Restoration III		
Status	New/Under Design		
Project Origin	2024 LVMCOG MJHMP		
Strategy	Restore creek and serving infrastructure for enhanced recreational use and wildlife preservation.		
Action Items	<p>Addresses sustainability/clean water, as well as wildlife preservation. Currently preparing grant applications for preliminary design.</p> <p>Issue RFP for restoration Award Contract Scope:</p> <ul style="list-style-type: none"> • Repair and maintain storm drain outlets • Implement “soft-bottom” improvements • Initiate naturalization efforts at key locations(Lost Hills Rd & Las Virgenes Rd) • Trash pick-up as part of creek cleanup • Develop a connection to the County’s hiking trail network • Potential development of fish passage infrastructure • On-going monitoring of creek/water cleanliness 		
Coordinating Department	Public Works		
Timeline/Completion Date/Priority	2027 Priority 2		
Total Cost / BCR	\$4,500,000 / 1.49		
Funding Source(s)	Measure W		
Constraints	Time / Resources		
Implementation Description	Developing partnership with other interested jurisdictions and environmental agencies to jointly seeking funding for preliminary design. Following preliminary design, partnership will seek construction funding and contractor.		
Plan Goals Addressed			
	Public Awareness	X	Protect Life, Property, and the Environment
X	Partnerships and Implementation		Emergency Management

Upgrade Data Warehouse Storage (2024)

Category	Description		
City	Calabasas		
Hazard	All Hazards		
Project Name	Upgrade Data Warehouse Storage		
Status	New/Ongoing		
Project Origin	2024 LVMCOG MJHMP		
Strategy	Upgrade Data Warehouse to enhance cloud-based capabilities in the event that on-premises servers are not available.		
Action Items	<ol style="list-style-type: none"> 1. Identify the qualified service provider who can provide this service. 2. Identify the plan and capacity for the DR site 3. Purchase DR service 		
Coordinating Department	Information Technology		
Timeline/Completion Date/Priority	2024 Priority 1		
Total Cost / BCR	Estimated cost \$40-50K per year / 8.21		
Funding Source(s)	General Fund		
Constraints	Funding and staffing		
Implementation Description	To setup a cloud-based DR site for the city data infostructure. Users can still access the data in the event the on-prem data servers are not available.		
Plan Goals Addressed			
	Public Awareness		Protect Life, Property, and the Environment
X	Partnerships and Implementation	X	Emergency Management

Las Virgenes Road Embankment and Shoulder Repair (2024)

Category	Description		
City	Calabasas		
Hazard	Landslide/Debris Flow / Flood/Winter Storm		
Project Name	Las Virgenes Road Embankment and Shoulder Repair		
Status	New		
Project Origin	2024 LVMCOG MJHMP		
Strategy	Storm damage repair and future damage prevention/mitigation		
Action Items	Design and construction of slope and shoulder stabilization and installation of RSP to prevent future slope washout. Limit potential for future slope failures, and protect the road surface from being undermined by future slope distress.		
Coordinating Department	Public Works		
Timeline/Completion Date/Priority	2024 / Priority 2		
Total Cost / BCR	\$231,440 / 15.51		
Funding Source(s)	General Fund		
Constraints	Funding/Staff Resources		
Implementation Description	<ul style="list-style-type: none"> • Damage assessment • Preliminary engineering 		
Plan Goals Addressed			
	Public Awareness	X	Protect Life, Property, and the Environment
	Partnerships and Implementation	X	Emergency Management

McCoy Creek Mitigation/Restoration (2024)

Category	Description		
City	Calabasas		
Hazard	Landslide/Debris Flow / Flood/Winter Storm		
Project Name	McCoy Creek Mitigation/Restoration		
Status	New		
Project Origin	2024 LVMCOG MJHMP		
Strategy	Storm damage repair and mitigation		
Action Items	Design and construct streambank stabilization and embankment reconstruction: section of parking lot pavement and AC dike repair. Limit potential for future slope failures, and protect the road surface from being undermined by future slope distress.		
Coordinating Department	Public Works		
Timeline/Completion Date/Priority	2024 / Priority 2		
Total Cost / BCR	\$500,200 / 1.43		
Funding Source(s)	General Fund		
Constraints	Funding/Staff Resources		
Implementation Description	<ul style="list-style-type: none"> • Damage assessment • Preliminary engineering 		
Plan Goals Addressed			
	Public Awareness	X	Protect Life, Property, and the Environment
	Partnerships and Implementation	X	Emergency Management


Emergency Power for Critical Facilities (2024)

Category	Description		
City	Calabasas		
Hazard	All Hazards		
Project Name	Emergency Power for Critical Facilities		
Status	New		
Project Origin	2024 LVMCOG MJHMP		
Strategy	Ensure redundant power for critical facilities		
Action Items	<ol style="list-style-type: none"> 1. Identify critical facilities in need of redundant power 2. Receive proposals and options from qualified contractor to achieve redundant power for critical city facilities 		
Coordinating Department	Public Safety and Emergency Preparedness, Public Works		
Timeline/Completion Date/Priority	2025 / Priority 1		
Total Cost / BCR	\$1,000,000 / 42.78		
Funding Source(s)	General Fund		
Constraints	Funding		
Implementation Description	Research, identify facilities, and identify redundant power options for each facility. Option #1 Develop an RFP to hire a contractor to upgrade existing generator power at the city hall complex comprised of the city hall, senior center and library. Option #2 Develop an RFP to hire a contractor to install redundant power at the senior center only as that would be the future location of the city EOC. Option #3 Develop an RFP to hire a contractor to install redundant power at the Calabasas Community center as it is the alternate city hall location identified in the city's COOP.		
Plan Goals Addressed			
X	Public Awareness	X	Protect Life, Property, and the Environment
	Partnerships and Implementation	X	Emergency Management

Other City of Calabasas Hazard Mitigation Efforts

- Continue the 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](tel:8182241620). Map Your Neighborhood was developed by LuAn K Johnson, PhD, Public Education Manager, Washington State Emergency Management. For more information on this program, please visit <http://www.emd.wa.gov/mvn/index.shtml>.

- Facebook and "X" (formerly Twitter) – Social media resources are used to issue public notices. Residents can sign-up voluntarily through the City's website.

Hidden Hills Mitigation Projects

Update the City of Hidden Hills General Plan and Local Ordinances (2018)

City	Hidden Hills		
Hazard	All Hazards		
Project Name	Update the City of Hidden Hills General Plan and Local Ordinances		
Status	Ongoing		
Project Origin	2018 LVMCOG MJHMP		
Strategy	Continue to review and update the General Plan and local ordinances for the City of Hidden Hills to reflect current conditions. The city is undergoing a General Plan assessment that could lead to an update.		
Action Items	<ul style="list-style-type: none"> Continue to review make adjustments to reflect changes in city conditions, most notably the Safety Element of the plan Continue to review existing codes for possible changes or amendments 		
Coordinating Department	Engineering/Public Works		
Timeline/Completion Date/Priority	Ongoing with Annual Reviews / Priority 1		
Total Cost	None, in-house staff time		
Funding Source(s)	General Fund		
Constraints	Time		
Implementation Description	<ul style="list-style-type: none"> The City General Plan continues to incorporate elements to mitigate seismic, fire, landslide and flooding events. 		
Plan Goals Addressed			
X	Public Awareness	X	Protect Life, Property, and the Environment
	Partnerships and Implementation	X	Emergency Management

Comprehensive Hill Slope Management Program (2018)

City	Hidden Hills		
Hazard	Landslide		
Project Name	Comprehensive Hill Slope Management Program		
Status	Ongoing		
Project Origin	2018 LVMCOG MJHMP		
Strategy	To recognize the concern for future property damages incurred by residents		
Action Items	<ul style="list-style-type: none"> Continue the ongoing program that manages hill slope activity where development is already present Continue to suggest appropriate proactive measures that govern the long-term stability of potentially active landslide areas Prevent future development on potentially unstable hillsides and conduct geology reviews on a case by case basis 		
Coordinating Department	Engineering/Public Works		
Timeline/Completion Date/Priority	Ongoing with Annual Reviews / Priority 1		
Total Cost	None, in-house staff time		
Funding Source(s)	General Fund		
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

Wood Shake Shingle Roof Replacement Program (2018)

City	Hidden Hills		
Hazard	Wildfire		
Project Name	Wood Shake Shingle Roof Replacement Program		
Status	Ongoing		
Project Origin	2018 LVMCOG MJHMP		
Strategy	To providing incentives to replace older wood shake shingle roofs by residents.		
Action Items	<ul style="list-style-type: none"> Identify and obtain funding sources to mitigate the cost of wood shake shingle roof replacement by residents with fire resistant materials. 		
Coordinating Department	City of Hidden Hills Emergency Management		
Timeline/Completion Date/Priority	In Progress with Annual Reviews / Priority 2		
Total Cost	TBD		
Funding Source(s)	General Fund		
Constraints	Funding / Time		
Implementation Description	The City is looking into a program to help offset the cost of replacing remaining wood shake roofs in the City. All new construction bans the installation of wood shake shingles.		
Plan Goals Addressed			
X	Public Awareness	X	Protect Life, Property, and the Environment
	Partnerships and Implementation		Emergency Management

Emergency Satellite Communications (2018)

City	Hidden Hills		
Hazard	All Hazards		
Project Name	Emergency Satellite Communications		
Status	Maintenance Ongoing		
Project Origin	2018 LVMCOG MJHMP		
Strategy	Purchased satellite telephones to avoid communications problems during an emergency		
Action Items	<ul style="list-style-type: none"> Monitor the Service Level Agreement with the satellite communications provider Continue ongoing maintenance and management of the satellite telephones Purchased two new satellite phones. 		
Coordinating Department	Public Works, Building and Safety		
Timeline/Completion Date/Priority	Complete / Maintenance Ongoing with Annual Reviews Priority 2		
Total Cost	\$2,000		
Funding Source(s)	General Fund		
Constraints	Funding		
Implementation Description	<ul style="list-style-type: none"> The City has satellite phone and internet ability and two-way radio communications equipment. Two-way radio batteries were recently replaced. Fire truck has emergency service communications. 		
Plan Goals Addressed			
	Public Awareness	X	Protect Life, Property, and the Environment
X	Partnerships and Implementation	X	Emergency Management

Advanced Emergency Training (2018)

City	Hidden Hills		
Hazard	All Hazards		
Project Name	Advanced Emergency Training		
Status	Ongoing		
Project Origin	2018 LVMCOG MJHMP		
Strategy	Provide increased advanced emergency training for the City's Community Emergency Response Team (CERT) and staff.		
Action Items	<ul style="list-style-type: none"> Provide additional Advanced Emergency Training for CERT members 		
Coordinating Department	City of Hidden Hills Emergency Management		
Timeline/Completion Date/Priority	Ongoing with Annual Reviews / Priority 2		
Total Cost	\$25,000		
Funding Source(s)	General Fund		
Constraints	Funding and time		
Implementation Description	CERT training is offered on an ongoing basis: <ul style="list-style-type: none"> The CERT team has continuing training in disaster response, first aid and evacuation shelter setup. The CERT first aid medical equipment trailer has been checked and updated. City staff and CERT team members have been trained in active shooter response. CERT training on mobile fire equipment. 		
Plan Goals Addressed			
	Public Awareness	X	Protect Life, Property, and the Environment
	Partnerships and Implementation	X	Emergency Management

Communications Improvements (2018)

City	Hidden Hills		
Hazard	All Hazards		
Project Name	City of Hidden Hills Communications Improvements		
Status	Ongoing		
Project Origin	2018 LVMCOG MJHMP		
Strategy	Continue to improve cellular telephone reception in areas of the City that are currently underserved.		
Action Items	<ul style="list-style-type: none"> Continue to work with local carriers to improve cellular telephone reception in areas of the City that are currently underserved. Add repeaters and update existing radio systems, when necessary. Improve community emergency notification capabilities (IPAWS). 		
Coordinating Department	Public Works, Building and Safety		
Timeline/Completion Date/Priority	Ongoing with Annual Reviews Based on Budget Priorities / Priority 2		
Total Cost	\$50,000		
Funding Source(s)	General Fund		
Constraints	Funding		
Implementation Description	<ul style="list-style-type: none"> Cellular telephone and radio coverage is regularly evaluated. Hidden Hills is now authorized to send out emergency messages to cell phones (IPAWS Wide Area Alerts). A fiber optic plan is being worked on by the community to provide high speed Internet and help provide WiFi cell service. Mobile command post (fire truck) has all communications. 		
Plan Goals Addressed			
	Public Awareness	X	Protect Life, Property, and the Environment
X	Partnerships and Implementation	X	Emergency Management

Community Evacuation Routes, Planning, and Training (2018)

City	Hidden Hills		
Hazard	All Hazards		
Project Name	Community Evacuation Routes, Planning, and Training		
Status	Workshop and Training Complete / Monitoring Ongoing		
Project Origin	2018 LVMCOG MJHMP		
Strategy	Ensure alternate evacuation routes in case of an emergency event		
Action Items	<ul style="list-style-type: none"> Continue to manage alternative routes as a means of city evacuation 		
Coordinating Department	Engineering/Public Works		
Timeline/Completion Date/Priority	Complete – Monitoring Ongoing with Annual Reviews / Priority 2		
Total Cost	In-house Time Only		
Funding Source(s)	General Fund		
Constraints	Geographic limitations of egress routes		
Implementation Description	<p>There are only 3 points of ingress/egress (security gates) to the City of Hidden Hills:</p> <ul style="list-style-type: none"> When one of the gates is closed for any reason, signage is used to direct all persons to either or both of the open gates. Similar signage is used for evacuation routes in the case of emergency. Plus, there is a pedestrian and equestrian exit to the Upper Las Virgenes Canyon Open Space Preserve. Ingress and egress to the City has been improved with addition of contractor parking areas at the gates. The City will allow school buses, for Round Meadow Elementary School, through the gates to bring students to reunification sites if Mureau Road is closed. The City is actively working on a revision of traffic flow at the Long Valley gate, adding a turn lane and providing contractor parking areas to keep traffic flowing into and out of Hidden Hills. This roadway update will also aid traffic flow onto the Northbound 101 freeway onramp. The City conducted a public workshop for Wildfire evacuation for residents and large animals. Training was offered to the residents on horse trailer loading and unloading. Also offered was a CHP sponsored horse trailer inspection day. Sent out Genasys Protect (Zonehaven Protect) information to all residents. 		
Plan Goals Addressed			
	Public Awareness	X	Protect Life, Property, and the Environment
	Partnerships and Implementation	X	Emergency Management

Storm Drain Management (2018)

City	Hidden Hills		
Hazard	Flood		
Project Name	City of Hidden Hills Storm Drain Management		
Status	Ongoing		
Project Origin	2018 LVMCOG MJHMP		
Strategy	Continue to maintain the storm drain system to ensure that drains are free from debris to prevent flooding.		
Action Items	<ul style="list-style-type: none"> Continue ensure that city-owned storm drains are clear of debris. 		
Coordinating Department	Public Works		
Timeline/Completion Date/Priority	Ongoing with Annual Reviews / Priority 2		
Total Cost	\$500/year		
Funding Source(s)	General Fund		
Constraints	None		
Implementation Description	<ul style="list-style-type: none"> LA County Public Works maintains the sewer system and storm drains. In the event of power failure Public Works has stand by generators to maintain 2 sewer pump stations in the City. While the storm drains are managed by Los Angeles County, the City does work to ensure the free flow of water to prevent street flooding. 		
Plan Goals Addressed			
	Public Awareness	X	Protect Life, Property, and the Environment
	Partnerships and Implementation		Emergency Management

Backup Power for the City's Critical Sites (2018)

City	Hidden Hills		
Hazard	Power Outage, Wind, Wildfire		
Project Name	Backup Power for the City's Critical Sites		
Status	Complete / Maintenance Ongoing		
Project Origin	2018 LVMCOG MJHMP		
Strategy	Maintain backup power systems for City Hall and the Community Center.		
Action Items	<ul style="list-style-type: none"> Maintain backup power generation for City Hall and the Community Center. 		
Coordinating Department	Public Works		
Timeline/Completion Date/Priority	Ongoing with Annual Reviews Based on Budget Priorities / Priority 2		
Total Cost	\$2,500/year		
Funding Source(s)	General Fund		
Constraints	None		
Implementation Description	<ul style="list-style-type: none"> Backup power generation systems for City and the Community Center are maintained on an annual basis. Added in additional backup batteries to repeater site. 		
Plan Goals Addressed			
	Public Awareness	X	Protect Life, Property, and the Environment
	Partnerships and Implementation	X	Emergency Management

Underground Utility Line Implementation (2018)

City	Hidden Hills		
Hazard	Power Outage, Wind, Wildfire		
Project Name	Underground Utility Line Implementation		
Status	Ongoing		
Project Origin	2018 LVMCOG MJHMP		
Strategy	Replace overhead power lines with underground lines to mitigate the risk of power failure and wildfires during periods of high winds.		
Action Items	<ul style="list-style-type: none"> Continue to monitor and work with SCE to replace overhead power lines and poles with underground electrical systems. 		
Coordinating Department	Public Works		
Timeline/Completion Date/Priority	Ongoing with Annual Reviews / Priority 2		
Total Cost	None		
Funding Source(s)	City General Fund and private funding if an assessment district is established.		
Constraints	None		
Implementation Description	<ul style="list-style-type: none"> Work with SCE to plan, approve permits, inspect, and install underground power systems. Approximately 20 poles have been removed and 14 more are scheduled for removal this fiscal year. The City has adopted an assessment district program should private residents choose to fund. 		
Plan Goals Addressed			
	Public Awareness	X	Protect Life, Property, and the Environment
	Partnerships and Implementation	X	Emergency Management

Brush Clearance Program (2024)

City	Hidden Hills		
Hazard	Wildfire		
Project Name	Brush Clearance Program		
Status	New/Ongoing		
Project Origin	2024 LVMCOG MJHMP		
Strategy	Expanded brush clearance around the community's perimeter that interfaces with open space.		
Action Items	<ul style="list-style-type: none"> Continue to carry out brush clearance efforts around the city. 		
Coordinating Department	Public Works		
Timeline/Completion Date/Priority	Ongoing with Annual Reviews / Priority 1		
Total Cost / BCR	\$45,736 / 21.43		
Funding Source(s)	General Fund		
Constraints	None		
Implementation Description	<ul style="list-style-type: none"> For the last 4 years the City has done expanded brush clearance around the Communities perimeter that interfaces with open space. Instead of the required 100 feet the City uses Goats to expand to 200 feet. 		
Plan Goals Addressed			
	Public Awareness	X	Protect Life, Property, and the Environment
	Partnerships and Implementation	X	Emergency Management

Malibu Mitigation Projects

Projects Currently Inactive or Not Applicable (from 2018 HMP)

Projects currently inactive or not applicable include those that were not carried over from the 2018 LVMCOG MJHMP, as they are either no longer relevant or active at this time. Additionally, some of these projects may now fall under the scope of other projects already included in this plan.

Project	Reason for Exclusion
City Hall Drainage Improvements	No longer applicable
Malibu Road Improvements	Not an active / scheduled project at this time
Malibu Road Storm Drain System Improvements	Drainage is owned by County Flood Control
Pacific Coast Highway Drainage Improvements	No issues with drainage in this area that need to be addressed at this time / Drainage is owned by County Flood Control
Rainsford Bridge Installation	Not applicable at this time
Road Reconstruction	Not applicable at this time
Utility Facility and Distribution Upgrades	Not applicable at this time
Water Storage	Project belongs to Water District 29

Bluffs Park Improvement Project (2018)

City	Malibu
Hazard	All-Hazards
Project Name	Bluffs Park Improvement Project
Status	In Progress
Strategy	Roofing upgrade for critical infrastructure to improve reliability for emergency shelter
Project Origin	2018 LVMCOG MJHMP
Action Items	<ol style="list-style-type: none"> 1. Assess building and identify needs 2. Design improvements 3. Secure funding to implement the improvement project 4. Construction of improvement project
Coordinating Department	Public Works
Timeline/Completion Date/Priority	Scheduled for 2023/2024 Priority 1
Total Cost	\$2.5M
Funding Source(s)	General Fund
Constraints	Funding
Implementation Description	In-progress.
Plan Goals Addressed	
Public Awareness	X Protect Life, Property, and the Environment
Partnerships and Implementation	X Emergency Management



Figure 66: Michael Landon Center at Bluffs Park

Catch Basin and Culvert Upgrades (2018)

City	Malibu		
Hazard	Flood		
Project Name	Catch Basin and Culvert Upgrades		
Status	Complete		
Project Origin	2018 LVMCOG MJHMP		
Strategy	Upgrade City catch basins and culverts to increase capacity in order to prevent flooding and landslides		
Action Items	<ol style="list-style-type: none"> 1. Inventory catch basins and culverts 2. Identify catch basins and culverts that need upgrades 3. Design projects to increase capacity to accommodate larger water flows 4. Secure funding for project implementation 5. Implement project 		
Coordinating Department	Public Works		
Timeline/Completion Date/Priority	Timeline to be determined (status reviewed annually) Priority 1		
Total Cost	\$1.0M		
Funding Source(s)	General Fund		
Constraints	Funding		
Implementation Description	Complete		
Plan Goals Addressed			
	Public Awareness	X	Protect Life, Property, and the Environment
	Partnerships and Implementation		Emergency Management

Excavation and Emergency Shelter at Zuma Beach (2018)

City	Malibu		
Hazard	All Hazards		
Project Name	Excavation and Emergency Shelter at Zuma Beach		
Status	Complete		
Project Origin	2018 LVMCOG MJHMP		
Strategy	Work with LA County Beaches to develop the Zuma Beach parking lot as an emergency shelter location and secure access.		
Action Items	<ol style="list-style-type: none"> 1. Work with LA County Beaches to establish the Zuma Beach parking lot as an emergency shelter 		
Coordinating Department	Public Works and Emergency Preparedness		
Timeline/Completion Date/Priority	Timeline to be determined (status reviewed annually) Priority 1		
Total Cost	\$300K		
Funding Source(s)	General Fund		
Constraints	Funding, Time, and Permitting		
Implementation Description	Complete		
Plan Goals Addressed			
	Public Awareness	X	Protect Life, Property, and the Environment
X	Partnerships and Implementation		Emergency Management

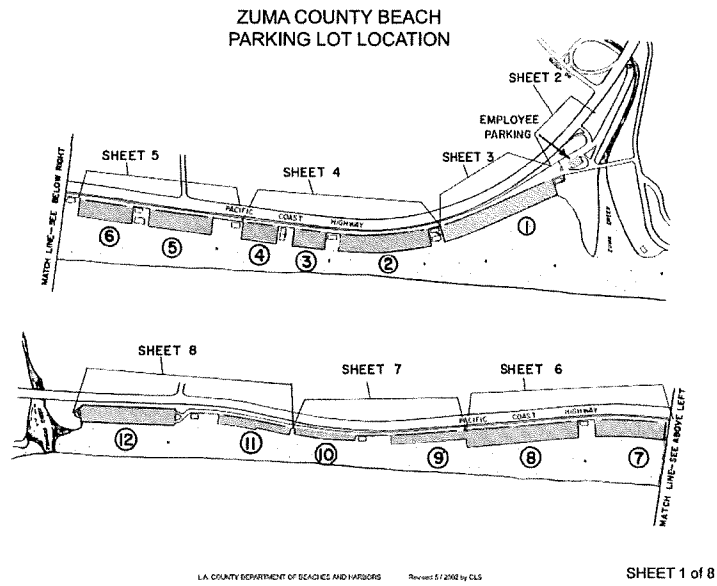


Figure 67: Zuma Beach Parking Lot

Las Flores Road Canyon Improvements (2018)

City	Malibu		
Hazard	All Hazards		
Project Name	Las Flores Road Canyon Improvements		
Status	In Progress		
Strategy	Improve pavement and draining to reduce flooding and erosion		
Project Origin	2018 LVMCOG MJHMP		
Action Items	<ol style="list-style-type: none"> Design road and drainage improvements to accommodate surface run-off (as identified in the Storm Drain Master Plan) Secure funding to implement improvements Construct road and draining improvements 		
Coordinating Department	Public Works		
Timeline/Completion Date/Priority	Timeline to be determined (status reviewed annually) Priority 1		
Total Cost	\$250K		
Funding Source(s)	General Fund		
Constraints	Funding		
Implementation Description	In-progress		
Plan Goals Addressed			
	Public Awareness	X	Protect Life, Property, and the Environment
	Partnerships and Implementation	X	Emergency Management

Tree Removal in City Right-of-Way (2018)

City	Malibu		
Hazard	All Hazards		
Project Name	Tree Removal in City Right-of-Way		
Status	Ongoing		
Project Origin	2018 LVMCOG MJHMP		
Strategy	Identify and remove trees in the City Right-of-Way to maintain a safe distance from power poles and reduce fire risk.		
Action Items	<ol style="list-style-type: none"> Develop tree inventory (complete) Systematically remove trees from the Right-of-Way (as part of Annual Street Maintenance) 		
Coordinating Department	Public Works		
Timeline/Completion Date/Priority	Timeline to be determined (status reviewed annually) Priority 1		
Total Cost	\$100K		
Funding Source(s)	General Fund		
Constraints	Funding and Time		
Implementation Description	Tree inventory complete. Tree removal in-progress/ongoing as part of Annual Street Maintenance).		
Plan Goals Addressed			
	Public Awareness	X	Protect Life, Property, and the Environment
	Partnerships and Implementation		Emergency Management

City of Malibu GIS Upgrade (2018)

City	Malibu		
Hazard	All Hazards		
Project Name	City of Malibu GIS Upgrade		
Status	Complete		
Project Origin	2018 LVMCOG MJHMP		
Strategy	Upgrade the Geographic Information Systems to incorporate more information regarding trails, geological sensitive areas, and tsunami maps etc.		
Action Items	<ol style="list-style-type: none"> 1. In progress, developing new system to utilize new technologies to better map the City and hazard areas in particular 2. Complete training and provide ongoing training to staff on how to use GIS 		
Coordinating Department	Planning Department		
Timeline/Completion Date/Priority	Complete Priority 1		
Total Cost	\$40,000		
Funding Source(s)	General Fund		
Constraints	Funding and time		
Implementation Description	GIS update complete.		
Plan Goals Addressed			
	Public Awareness	X	Protect Life, Property, and the Environment
	Partnerships and Implementation	X	Emergency Management

Flood Mitigation Action Plans (2018)

City	Malibu		
Hazard	Flood		
Project Name	Flood Mitigation Action Plans		
Status	Complete / Ongoing		
Project Origin	2018 LVMCOG MJHMP		
Strategy	Implement floodplain management activities as recommended by the Flood Mitigation Plan, City of Malibu.		
Action Items	<ol style="list-style-type: none"> 1. Floodplain Regulations 2. Flood Mapping (revised and completed) 3. Flood Protections Assistance 4. Flood Protection Materials 5. Flood Protection Activities 6. Emergency Manager Training 7. Flood Warning and Preparedness 		
Coordinating Department	Public Works		
Timeline/Completion Date/Priority	Complete / Ongoing with Annual Reviews Priority 1		
Total Cost	\$25,000		
Funding Source(s)	General Fund		
Constraints	Time, Funding		
Implementation Description	Included mitigation goals in the City of Malibu General Plan (see Mitigation Plan strategy). In addition, Flood Warning and Preparedness information is made available via the City of Malibu web site (Emergency Preparedness Library). Finally, the City of Malibu is a participant in the 2012 FEMA California Coastal Analysis and Mapping Project/Open Pacific Coast Study (CCAMP). These efforts will address gaps in required engineering and mapping for high flood risk areas impacted by coastal flooding, levee systems, and other flood hazards (e.g., lakes, rivers, and ponds). Revised flood maps have been developed and the City has adjusted flood zones along the coast.		
Plan Goals Addressed			
X	Public Awareness	X	Protect Life, Property, and the Environment
X	Partnerships and Implementation	X	Emergency Management

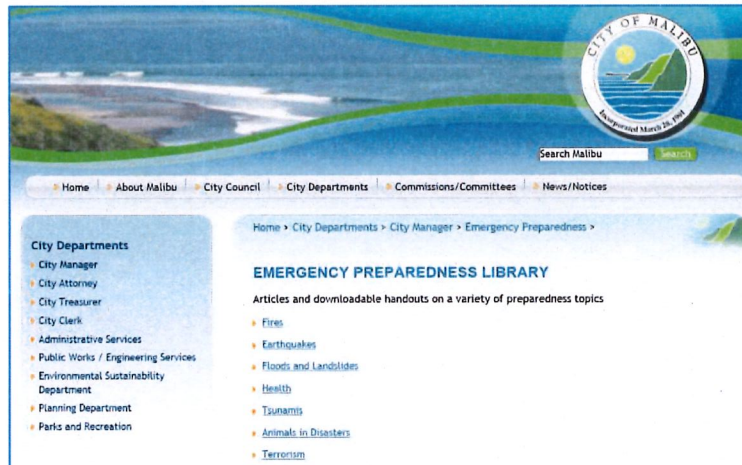


Figure 68: City of Malibu Emergency Preparedness Library



U.S. Department of Homeland Security
1111 Broadway, Suite 1200
Oakland, CA 94607-4052

FEMA

October 7, 2011

Honorable John Sibert, Mayor
City of Malibu
23825 Stuart Ranch Road
Malibu, California 90265

RE: FEMA California Coastal Analysis and Mapping Project/Open Pacific Coast Study

Dear Mayor Sibert:

Thank you for your participation in the National Flood Insurance Program administered by the U.S. Department of Homeland Security's Federal Emergency Management Agency (FEMA). Under the Risk Mapping, Assessment, and Planning (MAP) Program, Region IX has prioritized for fiscal year 2012 Flood Insurance Rate Map and Flood Insurance Study updates in support of the state of California for coastal analysis and mapping. This Program shifts focus from digital flood map production to new detailed engineering analysis, and mapping of coastal and flooding sources in many of the flood-prone communities throughout Region IX.

A feature of the Risk MAP program in Region IX is the re-study of the populated coastline for the state of California's coastal counties and communities. The California Coastal Analysis and Mapping Project (CCAMP) / Open Pacific Coast (OPC) Study will involve over 1,200 miles of new coastal flood hazard mapping and base-flood elevation determinations. Under this initiative, many coastal communities will have coastal flood data and mapping updated for the first time in over 20 years. This study effort will improve the quality of the coastal data used for both floodplain management and planning purposes.

The City of Malibu will be an important participant in the CCAMP / OPC Study. In the first phase of the re-study, coastal data from each community along the open Pacific Ocean shoreline and adjacent inland floodplains is being compiled. FEMA Region IX requests your support and assistance to identify local resources for coastal flood history, flood records, problematic flood-prone areas, topographic data, bathymetric data, beach erosion data, coastal storm or tsunami planning or mapping, and any other information that may be of importance when conducting the coastal re-study in your community. Geographic Information System (GIS) layers such as base maps, aerial photography, and land use information will be extremely useful as well. We appreciate the opportunity to partner with your community. Any data you provide will contribute significantly to an improved coastal flood mapping product which more accurately reflects your current flood risk.

Figure 69: CCAMP Letter (Page 1)

Honorable John Sibert
October 7, 2011
Page 2 of 2

FEMA will facilitate an initial kick-off meeting to discuss the following:

- Nature and intent of the re-study
- Study schedule and milestones
- Potential obstacles that might impact the study effort and potential solutions
- Available flood hazard information that could be used or incorporated into this study effort
- Key points of contact within your community, FEMA Region IX, and the Risk MAP Production and Technical Services Contractor (BakerAECOM, LLC)

In the near future, we will contact your staff to establish an available date for the initial kick-off meeting, anticipated to occur November, 2011 through January, 2012. Information will be provided at that meeting regarding how your community may benefit from the Risk MAP program and the CCAMP / OPC Study. Additionally, a new website has been developed to monitor the CCAMP / OPC Study online at www.r9coastal.org. This website allows each community to stay informed of the flood insurance re-study progress.

We look forward to working with the City of Malibu on this multi-year coastal re-study and mapping project. If you have questions about the CCAMP / OPC Study, you may contact Edward Curtis, Regional Engineer, at (510) 627-7207, or by e-mail at Edward.Curtis@dhs.gov. An alternate contact is Vince Geronimo, CCAMP / OPC Study Project Manager with BakerAECOM, at (510) 879-4533, or by email at Vince.Geronimo@accom.com.

Sincerely,



Sally Ziolkowski, Director
Mitigation Division

cc: Robert Brager, Public Works Director / Floodplain Manager, City of Malibu
Jim Thorsen, City Manager, City of Malibu
Senator Boxer, State Office
Senator Feinstein, State Office
Representative Henry Waxman, District Office

Figure 70: CCAMP Letter (Page 2)

Malibu Flood Mitigation Plan (2018)

City	Malibu		
Hazard	Flood		
Project Name	Malibu Flood Mitigation Plan		
Status	In Progress / Ongoing (covered in the City General Plan)		
Project Origin	2018 LVMCOG MJHMP		
Strategy	Identify and implement recommendations presented in the Flood Mitigation Plan.		
Action Items	<ol style="list-style-type: none"> 1. Prioritize project recommendations 2. Develop projects and attempt to secure funding to implement 		
Coordinating Department	Public Works		
Timeline/Completion Date/Priority	In Progress / Ongoing with Annual Reviews Priority 1		
Total Cost	None, in-house staff time		
Funding Source(s)	General Fund		
Constraints	Funding		
Implementation Description	<p>Implemented goals within the City of Malibu General Plan related to flood mitigation. Specific goals covered under 5.3.1 S Goal 1: <u>A community that is free from all avoidable risks to safety, health and welfare from natural and man-made hazards</u> include:</p> <ul style="list-style-type: none"> • S Policy 1.2.4: The City shall require development to be consistent with minimum Federal Emergency Management Agency (FEMA) guidelines for flood plain management (complete). • S Implementation Measure 40: Adopt and update as appropriate maps of extreme fire danger areas, 100-year flood plains, landslide and debris flow danger, active and potentially active faults, tsunami, and any other hazard areas; and inform residents of those areas of risks and possible mitigation measures. • S Implementation Measure 43: Encourage area residents to participate in National Flood Insurance Program. • S Implementation Measure 44: Design coastal development, except supporting structure, to be above the wave uprush level for storms within the past 100 years, and above the 100-year flood plain. • S Implementation Measure 51: Evaluate proposed development for its impact on, and from, geologic hazards, flood and mud flow hazard, and fire hazard. 		
Plan Goals Addressed			
	Public Awareness	X	Protect Life, Property, and the Environment
	Partnerships and Implementation		Emergency Management

Annual Street Pavement Project (2018)

City	Malibu		
Hazard	Flood		
Project Name	Annual Street Pavement Project		
Status	Ongoing		
Project Origin	2018 LVMCOG MJHMP		
Strategy	Resurface the City's public roads by repaving damaged roadways		
Action Items	<ol style="list-style-type: none"> Continue to plan and commence work to complete the Pavement Rehabilitation Project Clear out damaged, worn pavement Replace worn pavement with new pavement 		
Coordinating Department	Public Works		
Timeline/Completion Date/Priority	Ongoing with Annual Reviews / Priority 2		
Total Cost	\$600,000		
Funding Source(s)	General Fund		
Constraints	Funding and Time		
Implementation Description	<ul style="list-style-type: none"> Rehabilitation work is performed every year on the City's public roads. Rehabilitation projects have included Broad Beach Road, Malibu Canyon Road, Civic Center Way, and Cross Creek Road. The City will continue to perform annual road rehabilitation projects as necessary. 		
Plan Goals Addressed			
	Public Awareness	X	Protect Life, Property, and the Environment
	Partnerships and Implementation		Emergency Management

FM Alert System (2024)

City	Malibu		
Hazard	All Hazards		
Project Name	FM Alert System		
Status	New		
Project Origin	2024 LVMCOG MJHMP		
Strategy	Implement an FM Alert System to create additional communication avenues		
Action Items	<ol style="list-style-type: none"> Obtain funding for license and infrastructure Obtain funding for 2,000 residential receivers Implement alert system 		
Coordinating Department	Public Works		
Timeline/Completion Date/Priority	1 Year / Priority 2		
Total Cost / BCR	\$648,000 / 23.49		
Funding Source(s)	General Fund		
Constraints	Funding and Time		
Implementation Description	<ul style="list-style-type: none"> The is looking for funding for the license and infrastructure (\$450,000), as well as funding for 2,000 residential receivers (\$99 each) to implement an FM Alert System that can be used as a method of communication during emergency events. 		
Plan Goals Addressed			
	Public Awareness	X	Protect Life, Property, and the Environment
	Partnerships and Implementation	X	Emergency Management

Broadband Improvements for Emergency Communications (2024)

City	Malibu		
Hazard	All Hazards		
Project Name	Broadband Improvements for Emergency Communications		
Status	New		
Project Origin	2024 LVMCOG MJHMP		
Strategy	Install Broadband Capabilities to greatly improve communication during a disaster		
Action Items	<ol style="list-style-type: none"> 1. Install conduits in designated parts of the city (complete) 2. Install equipment to improve Broadband Capabilities 		
Coordinating Department	Public Works		
Timeline/Completion Date/Priority	1 Year / Priority 2		
Total Cost / BCR	\$5,680,000 (estimate) / 18.89		
Funding Source(s)	General Fund		
Constraints	Funding and Time		
Implementation Description	<ul style="list-style-type: none"> • The City of Malibu is looking to install Broadband Capabilities which can greatly improve communication during a disaster. 		
Plan Goals Addressed			
	Public Awareness	X	Protect Life, Property, and the Environment
	Partnerships and Implementation	X	Emergency Management

Other City of Malibu Hazard Mitigation Efforts

The City of Malibu television broadcast regularly provides public preparedness, prevention, and mitigation information. Examples are provided below:



Figure 71: City of Malibu Emergency Information TV Bulletins