

Safety Implementation Actions		Relevant Policies	Responsible Department	Time Frame
6.1 Geologic Hazards				
S 1	Disseminate information on areas of landslide susceptibility at Town Hall and on the Town's website by making available/posting a link to the Slope Distribution Map.	S1-1	CDD	Immediate
S 2	Contract with a state-certified geologist and/or geological engineer to review and determine the adequacy of geotechnical studies for proposed projects.	S1-3	CDD, B&S	Ongoing
6.2 Seismic Hazards				
S 3	Maintain a reference collection of maps and other materials illustrating the location of seismic hazards occurring within the Town boundaries.	S2-5	CDD	Ongoing
S 4	Disseminate information on fault locations at Town Hall and on the Town website by making available/ posting a link to the Seismic Hazards Map.	S2-7	CDD	Ongoing
S 5	Update building, zoning, and grading codes as needed to ensure adopted standards mitigate potential seismic hazards and comply with the Alquist-Priolo Act and Unreinforced Masonry Law.	S2-5 S2-6	B&S, CDD	Ongoing
S 6	Communicate with the Hi-Desert Water District to ensure the seismic safety of all existing and proposed water storage tanks and pipe connections.	S2-1	CDD	Annually
S 7	Collect and distribute earthquake preparedness information and materials to Town residents and local businesses.	S2-7	CDD	Ongoing
S 8	Review and provide feedback of geotechnical studies submitted by developers or applicants working in areas of the Town prone to earthquake and seismic hazards.	S2-8	CDD	Ongoing
6.3 Flood Hazards				
S 9	Work with the San Bernardino County Flood Control District to update and implement the Master Plan of Drainage for the near and long-term protection of the community and its residents. Encourage the county to develop and include strategies to address local drainage issues unique to Yucca Valley's desert environment, such as drainage over private properties in semi developed areas and unpaved roads that cross natural drainage areas that cannot be remedied by standard measures in the existing Master Plan, which typically applies to more urbanized areas.	S3-1 S3-3 S3-9	PW	1 year, Ongoing
S 10	Continue to disseminate information on flooding, flood control on private property, floodplains, and flood preparedness to the public at Town Hall and on the Town's website.	S3-7	CDD	Ongoing
S 11	Periodically review county, state, and federal flood control best practices and incorporate appropriate standards into the Municipal Code.	S3-4 S3-5 S3-6	CDD	Ongoing
S 12	Map areas that frequently flood to track priority places for infrastructure improvements. Use this data to apply for grant funding that finance local drainage controls. CalEPA and the CA State Water Resources Control Board both offer grants to municipalities throughout California.	S3-2	CDD, PW	5 years
S 13	Enforce on-site retention of stormwater and runoff, plus a minimum of 10 percent above the incremental increase, through the development review process and routine site inspections.	S3-10	CDD	Ongoing
S 14	Communicate with FEMA regarding Flood Insurance Rate Maps to keep these documents updated on a regular basis.	S3-8	CDD	Ongoing

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6.4 Fire Hazards				
S 15	Continue to implement San Bernardino County Fire Protection District standards that include wildfire safety planning measures, including buffer space and defensible space requirements (100 ft. around structures adjacent to wildland areas).	S4-1 S4-4 S4-5	CDD	Immediate, Ongoing
S 16	Disseminate information on wildfire hazard zones at Town Hall and on the Town's website by making available/ posting a link to the Wildfire Hazards Map.	S4-2	CDD	Immediate
S 17	Coordinate with the Hi-Desert Water District to monitor peak water supply to ensure adequate capacity in the event of an urban fire, wildfire, or other emergency.	S4-4	CDD, OES	Ongoing
S 18	Update the Wildfire Hazards Map as needed and include the location of critical facilities and resilience hubs relative to their location within or adjacent to Very High Fire Hazard Severity Zones or Wildland-Urban Interface areas.	S4-6	CDD	Ongoing
S 19	Review all applicant submittals to ensure that wildfire risk has been mitigated to the lowest extent for development proposals located in fire-prone areas by ensuring the proximity of fire crews and firefighting facilities, Town approval of any required landscaping plans, appropriate and minimum evacuation capacity, and planning for fuel reduction. Recommend either alternative siting if development proposal is located in a fire hazard severity zone or appropriate design features to reduce fire risks.	S4-8 S4-9 S4-10 S4-15 S4-16	CDD	Ongoing
S 20	Develop a fire risk reduction assessment to use for new development in Very High Fire Hazard Severity Zones or wildland-urban interface areas. The assessment should include identifying existing fire hazards on properties, describing the proposed projects, developing thresholds, and establishing guidance (e.g., fuel modification, fire breaks, etc.) to mitigate wildfire risks to these new developments.	S4-9 S4-10 S4-13	CDD	Immediate
S 21	When reviewing long-term comprehensive fuel reduction and management programs for discretionary projects, the Town shall require these plans to include a risk analysis; fire response capabilities discussion; fire safety requirements, including defensible space, infrastructure, and building ignition resistance; mitigation measures and design considerations for non-conforming fuel modification; wildfire education; and maintenance and limitations. Fire hazard reduction measures shall be incorporated into the design of development projects in fire hazard areas and incorporated into the covenants, conditions, and restrictions (CC&Rs), as appropriate.	S4-15	CDD	Ongoing
S 22	The Town shall amend or create development standards for wildfire protection and streamlining opportunities for high-density residential and affordable developments for infill locations within the WUI, SRA, or VHFHSZs with adequate access/evacuation routes and water supply infrastructure.	S4-18	CDD	By 2022

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6.5 Extreme Weather and Climate-Related Hazards				
S 23	Develop a guide for protecting homes and businesses from extreme weather conditions. Include ideas for protective architectural features, wind barriers, and drought-resistant landscaping.	S5-7 S5-9	CDD	5 years
S 24	Encourage surrounding jurisdictions to participate in more efficient water-storage technologies and methods.	S5-3 S5-6	CDD	Ongoing
S 25	Pursue SCAG Active Transportation Planning and Fixed Guide Way Capital Investment Grants to improve public transit infrastructure in Yucca Valley and the surrounding region.	S5-4	CDD	Ongoing
S 26	Collaborate with the San Bernardino County Homeless Partnership and the San Bernardino County Department of Public Health to connect resources, including food, shelter, and healthcare, to people experiencing homelessness	S5-8	CDD	Ongoing
S 27	Collaborate with the San Bernardino County Housing Authority to identify lower-income households in Yucca Valley to send news about housing assistance, programs, and resources.	S5-10	CDD	Ongoing
S 28	Encourage development of new master-planned communities, mobile home parks, parks or recreation facilities, or shopping centers to pursue LEED, Energy Star, Living Building Challenge, National Green Building Standard, or other sustainable environmental design certification.	S5-9	CDD, B&S	Ongoing
S 29	Provide access to occupational safety information and trainings as well as materials (such as re-usable water bottles, face masks, and low-cost vaccines) to workers in Yucca Valley through their employers to protect workers from natural hazards and climate-related impacts.	S5-11	Town Manager	Ongoing
S 30	Commission a study to preserve existing tree cover in the town and adopt an urban forest management plan.	S5-2 S5-5 S5-7	CDD, Town Manager	Ongoing
S 31	Identify and remedy poor drainage areas to reduce risk from stagnant water. Expand outreach programs to educate communities about potential increases in vector-borne diseases from stagnant water.	S5-11	CDD	Ongoing
6.6 Hazardous Materials				
S 32	Update the inventory of all hazardous materials sites, including underground storage tanks.	S6-5	CDD	Ongoing
S 33	Work with the County of San Bernardino's Hazardous Materials Division to distribute information to the community on the proper disposal, handling, transport, delivery, treatment, recovery, recycling, and storage of hazardous materials. Include disposal and recycling locations that are closest to Yucca Valley as well as emergency contact information. Make the information available at Town Hall and on the Town's website.	S6-1 S6-4	CDD	Ongoing
S 34	Stay up to date on hazardous materials associated with industrial and commercial uses by communicating with county, state, and federal agencies.	S6-2	CDD	Ongoing
S 35	Make information available to local businesses for incentives to reduce the generation of hazardous waste. Program components can include rebates for recycling; apply for grant funding through CalRecycle.	S6-3	CDD	Ongoing

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S 36	Require new businesses handling hazardous materials to submit a Business Plan consistent with County Fire Protection District standards for handling, storing, transporting, and disposing of hazardous materials and wastes. The plan should be submitted as a part of the development approval process.	S6-4	CDD	Ongoing
S 37	Maintain an inventory of hazardous materials and their locations in town and collaborate with responsible agencies to monitor and enforce applicable regulations on any leaking underground fuel storage tanks.	S6-2	CDD, County Fire Protection District	Ongoing
S 38	Create or adopt by reference a set of landscaping guidelines for developers or site managers whose land uses pertain to hazardous materials to facilitate the use of natural and on-site green infrastructure to contain and/or process release hazards.	S6-7		
6.7 Disaster Preparedness, Response, and Recovery				
S 39	Review and update the Emergency Operations Plan with local key staff members, including medical, fire, police, etc., to ensure that the Town is adequately prepared for most likely and demanding emergency disasters.	S7-4	OES	Annually (required by state law)
S 40	Work with the San Bernardino County Sheriff's Department and San Bernardino County Fire Protection District to create an educational program to enhance awareness of public safety. Components of the program could include a brochure, a workshop, a booth at community events, and additional information posted to the Town's website. Topics can include earthquakes, urban and wildfires, severe weather conditions, hazardous materials, and flooding.	S7-7	CDD	Ongoing
S 41	Cooperate and coordinate with other agencies and utility companies (e.g., Hi-Desert Water District, Southern California Edison, Burrtec Waste & Recycling Services, SoCalGas, Spectrum, etc.) in the preparation of public information materials to assist residents and business owners in responding to local disasters. Provide the public information materials at Town Hall and on the Town's website.	S7-7	CDD	Ongoing
S 42	When feasible, support ongoing education for Town staff to better understand local natural and human-made hazards and how they can affect development proposals and disrupt vital services.	S7-4	CDD	Immediate, Ongoing
S 43	Encourage the personnel of the Community Development Department to evaluate new development applications for comprehensive safety in terms of enhancing visibility, accessibility of emergency services, and reducing risks from human-caused and natural hazards.	S7-3	CDD	Ongoing
S 44	Maintain the Town of Yucca Valley Hazards Mitigation Plan and update it to include hazardous materials and the emergency evacuation routes with guidance for signage. Continue to make it available to the public at Town Hall and on the Town's website. Incorporate and regularly update the Town's evacuation route network as developed through the 2020 Resilient IE project.	S7-4 S7-5	CDD, Town Manager	1 year, Ongoing
S 45	Communicate with the San Bernardino County Sheriff's Department and San Bernardino County Fire Protection District to ensure an adequate level of service on an ongoing basis, as necessary. Consider the use of a formal assessment or planning process to anticipate future emergency personnel needs for the Town.	S7-1	Town Manager	Ongoing

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S 46	Encourage the San Bernardino County Fire Protection District to conduct periodic inspection of commercial, industrial, and institutional buildings and multifamily developments to ensure fire code compliance and to educate building and development managers on fire safety issues.	S7-6	CDD, B&S	Ongoing
S 47	Pursue grant funding to harden existing Town facilities in identified hazard-prone areas as well as funding to finance the operation of redundant communications systems.	S7-12 S7-13 S7-14	CDD	Ongoing
S 48	Support inter-agency coordination for pre- and post-disaster emergency response for hazard events, including the San Bernardino County Sheriff's Department and San Bernardino County Fire Protection District, San Bernardino County Public Works, San Bernardino County Flood Control, San Bernardino County Public Health, Caltrans District 8, and others, as identified by the Town.	S7-1 S7-7	CDD	Ongoing
S 49	Coordinate with the San Bernardino County Sheriff's Department and San Bernardino County Fire Protection District to provide input on goals and standards for desired emergency personnel performance.	S7-1 S7-7	CDD	Ongoing
S 50	Identify and map cooling centers and resilience hubs in locations accessible to vulnerable populations and established temperature triggers for when they will be used.	S7-16	CDD	Ongoing
S 51	Establish backup power and water resources in case of power outages and emergencies at resilience hubs.	S7-10 S7-13 S7-16	CDD	
S 52	Continue to develop resources and materials that effectively communicate with non-English speakers in emergency and evacuation situations.	S4-16 S7-8 S7-9	CDD	Ongoing
S 53	Work with water utilities to ensure continuity of water provision during wildfire and other hazards through improved electricity reliability.	S7-10 S7-11 S7-12 S7-13	CDD	Ongoing
S 54	Update the Town's maintenance regimes and practices for its infrastructure and other assets to account for increased climate risks, such as referring to the techniques outlined in the Resilient IE Climate Resilient Transportation Infrastructure Guidebook.	S7-11 S7-12 S7-13 S7-14	CDD	Ongoing
S 55	Improve public awareness of emergency response actions.	S7-8 S7-9 S7-11	CDD	Ongoing
S 56	Update climate change projections and data on a regular basis to plan appropriately for emergency response efforts.	S5-1 S5-2 S5-5 S7-4	CDD	Ongoing

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S 57	Update emergency operations plans to account for increases in heat index and decreases in air quality.	S5-1 S5-2 S5-5	CDD	Ongoing
S 58	Host workshops showing residents and property owners how to develop their own local emergency plans as well as citizen-run wellness checks on identified vulnerable households or community members.	S5-1 S5-2 S7-6	CDD	Ongoing