



ATTACHMENT A

Table 5-6: County Wide Mitigation Action Tracker

Mitigation No.	Hazard Type	Mitigation Type	Status	Year	Primary Agency	Title/Description	Responsible Party	Estimated Cost	Estimated Benefit	Time Frame	HMA Activity Type	Potential Grant Source	Priority	Related Problem Statements
ma-AH-MC-134	All Hazard	PE&A - Public Education & Awareness	Pending	2008	Mendocino County	Develop a public outreach program that distributes consistent hazard mitigation content and mitigation tips for property owners. For example, wildfire outreach should focus on necessary ignition resistance and home hardening features - including defensible space - for county residents.	Mendocino County	Low - The project could be funded under the existing budget. The project is part of or can be part of an ongoing existing program.	Medium - Project will have a long-term impact on the reduction of risk exposure for life and property, or project will not provide an immediate reduction in the risk exposure for property.	Ongoing	5%	HMGP / BRIC	Low	ps-EQ-MC-40, ps-EQ-MC-38, ps-EQ-MC-39, ps-CC-MC-59, ps-EW-MC-54
ma-AH-MC-205	All Hazard	PE&A - Public Education & Awareness	Pending	2020	Mendocino County	Develop an education program to inform both existing Class K structure owners and applicants of building permits for Class K structures of the inherent risks of such structures to all natural hazards	Planning and Building Services	Low - The project could be funded under the existing budget. The project is part of or can be part of an ongoing existing program.	Medium - Project will have a long-term impact on the reduction of risk exposure for life and property, or project will not provide an immediate reduction in the risk exposure for property.	1-3 Years	5%	HMGP / BRIC	High	ps-EQ-MC-40, ps-FL-MC-31, ps-WF-MC-44
ma-SH-MC-226	All Hazard	PPRO - Property Protection	Pending	2020	Mendocino County	Establish a priority list of coastal erosion locations and implement slope stabilization projects in the highest risk areas, specially those projected to be impacted by sea level rise most significantly.	Mendocino County	High - Existing funding will not cover the cost of the project; implementation would require new revenue through an alternative source (for example, bonds, grants, and fee increases).	High - Project will provide an immediate reduction of risk exposure for life and property.	3-5 Years	Project	HMGP / BRIC	Medium	ps-SH-MC-50, ps-CC-MC-59
ma-AH-MC-299	All Hazard	ES - Emergency Services	Pending	2020	Mendocino County	Construct evacuation routes as needed to ensure multiple egress routes from neighborhoods.	Mendocino County Department of Transportation	High - Existing funding will not cover the cost of the project; implementation would require new revenue through an alternative source (for example, bonds, grants, and fee increases).	High - Project will provide an immediate reduction of risk exposure for life and property.	Funding Dependent	Project	HMGP / BRIC , FP&S	High	ps-WF-MC-43, ps-EQ-MC-36, ps-EW-MC-53
ma-CC-MC-221	Climate Change	PE&A - Public Education & Awareness	Pending	2020	Mendocino County	Offer agricultural disaster training and networking opportunities for farmers and agricultural regulatory agencies.	Mendocino County	Low - The project could be funded under the existing budget. The project is part of or can be part of an ongoing existing program.	Medium - Project will have a long-term impact on the reduction of risk exposure for life and property, or project will not provide an immediate reduction in the risk exposure for property.	3-5 Years	5%	HMGP / BRIC	Medium	ps-CC-MC-58
ma-CC-MC-298	Climate Change	PE&A - Public Education & Awareness	Pending	2020	Mendocino County	Develop public outreach to educate the public on household practices that can lessen the impacts of climate change and adaption practices for climate change impacts such as sea level rise.	Mendocino County	Low - The project could be funded under the existing budget. The project is part of or can be part of an ongoing existing program.	Medium - Project will have a long-term impact on the reduction of risk exposure for life and property, or project will not provide an immediate reduction in the risk exposure for property.	Ongoing	5%	HMGP / BRIC	Medium	ps-CC-MC-60



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ma-DF-MC-126	Dam Failure	PE&A - Public Education & Awareness	Pending	2014	Mendocino County	Develop a public outreach program that informs property owners located in the dam or levee inundation areas about voluntary flood insurance.	Planning and Building Services	Low - The project could be funded under the existing budget. The project is part of or can be part of an ongoing existing program.	Medium - Project will have a long-term impact on the reduction of risk exposure for life and property, or project will not provide an immediate reduction in the risk exposure for property.	1-3 Years	5%	HMGP / BRIC	Medium	ps-DF-MC-56, ps-DF-MC-57
ma-DF-MC-199	Dam Failure	ES - Emergency Services	Pending	2020	Mendocino County	Design and implement County-wide warning system program, with all other HMP participating jurisdictions as secondary participants, to warn everyone within a dam inundation zone of impending dam failure	Mendocino County	Medium - The project could be implemented with existing funding but would require a re-apportionment of the budget or a budget amendment, or the cost of the project would have to be spread over multiple years.	High - Project will provide an immediate reduction of risk exposure for life and property.	3-5 Years	Project	HMGP / BRIC , FMA	Medium	ps-DF-MC-56, ps-DF-MC-57, ps-DF-UK-173
ma-DR-MC-196	Drought	PE&A - Public Education & Awareness	Pending	2020	Mendocino County	Develop a public education campaign to encourage water conservation during drought.	Planning and Building, Env. Health,	Low - The project could be funded under the existing budget. The project is part of or can be part of an ongoing existing program.	High - Project will provide an immediate reduction of risk exposure for life and property.	1-3 Years	5%	HMGP / BRIC	Medium	ps-DR-MC-18, ps-DR-MC-19
ma-DR-MC-197	Drought	PRV - Prevention	Pending	2020	Mendocino County	Amend land use codes to incorporate regulations that encourage and incentive water savings for development.	Planning and Building Services	Medium - The project could be implemented with existing funding but would require a re-apportionment of the budget or a budget amendment, or the cost of the project would have to be spread over multiple years.	Medium - Project will have a long-term impact on the reduction of risk exposure for life and property, or project will not provide an immediate reduction in the risk exposure for property.	1-3 Years	Planning	HMGP / BRIC	Medium	ps-DR-MC-21, ps-CC-MC-60
ma-DR-MC-198	Drought	NRP - Natural Resource Protection	Pending	2020	Mendocino County	Replace existing turf grass and water intensive landscaping with drought resistant landscaping	Mendocino County	Medium - The project could be implemented with existing funding but would require a re-apportionment of the budget or a budget amendment, or the cost of the project would have to be spread over multiple years.	High - Project will provide an immediate reduction of risk exposure for life and property.	1-3 Years	Project	HMGP / BRIC	Medium	ps-DR-MC-20
ma-EQ-MC-127	Earthquake	SP - Structural Projects	Pending	2014	Mendocino County	Seismically retrofit or replace County and local ramps and bridges that are categorized as structurally deficient by Caltrans, identified as needing replacement by the County, are located in an high ground shaking areas, and/or are necessary for first responders to use during and/or immediate after a disaster or emergency.	Planning and Building Services	High - Existing funding will not cover the cost of the project; implementation would require new revenue through an alternative source (for example, bonds, grants, and fee increases).	High - Project will provide an immediate reduction of risk exposure for life and property.	3-5 Years	Project	HMGP / BRIC	High	ps-EQ-MC-36



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ma-EQ-MC-200	Earthquake	PE&A - Public Education & Awareness	Pending	2020	Mendocino County	Encourage privately owned critical facilities (e.g. churches, hotels, other gathering facilities) to evaluate the ability of the buildings to withstand earthquakes and to address any deficiencies identified.	Mendocino County	Low - The project could be funded under the existing budget. The project is part of or can be part of an ongoing existing program.	High - Project will provide an immediate reduction of risk exposure for life and property.	Ongoing	5%	HMGP / BRIC	High	ps-EQ-MC-33, ps-EQ-MC-38, ps-EQ-MC-39, ps-EQ-MC-41
ma-EQ-MC-201	Earthquake	SP - Structural Projects	Pending	2020	Mendocino County	Retrofit / Harden County-owned critical facilities (including water & sewer infrastructure) and buildings and their ability to withstand earthquakes.	Planning and Building Services, Mendocino County Dept. of Transportation	High - Existing funding will not cover the cost of the project; implementation would require new revenue through an alternative source (for example, bonds, grants, and fee increases).	High - Project will provide an immediate reduction of risk exposure for life and property.	5-10 Years	Project	HMGP / BRIC	High	ps-EQ-MC-34, ps-EQ-MC-37, ps-EQ-MC-36
ma-EQ-MC-202	Earthquake	SP - Structural Projects	Pending	2020	Mendocino County	Retrofit non-compliant suspended ceilings in County buildings. This includes Non-Structural Suspended Gypsum Dry-Wall & Cement Plaster Ceilings built 1950-1974.	Mendocino County	High - Existing funding will not cover the cost of the project; implementation would require new revenue through an alternative source (for example, bonds, grants, and fee increases).	High - Project will provide an immediate reduction of risk exposure for life and property.	3-5 Years	Project	HMGP / BRIC	High	ps-EQ-MC-33, ps-EQ-MC-34
ma-EQ-MC-203	Earthquake	SP - Structural Projects	Pending	2020	Mendocino County	Install seismic gas shut-off valves on County buildings to prevent the flow of gas into buildings during a seismic event	Mendocino County	Medium - The project could be implemented with existing funding but would require a re-apportionment of the budget or a budget amendment, or the cost of the project would have to be spread over multiple years.	High - Project will provide an immediate reduction of risk exposure for life and property.	1-3 Years	Project	HMGP / BRIC	High	ps-EQ-MC-35
ma-WS-MC-118	Extreme Weather	PPRO - Property Protection	Pending	2014	Mendocino County	Manage vegetation in areas within and adjacent to rights- of-way and in close proximity to critical facilities in order to reduce the risk of tree failure and property damage and avoid creation of wind acceleration corridors within vegetated areas.	Mendocino County	Medium - The project could be implemented with existing funding but would require a re-apportionment of the budget or a budget amendment, or the cost of the project would have to be spread over multiple years.	High - Project will provide an immediate reduction of risk exposure for life and property.	1-3 Years	Project	HMGP / BRIC	High	ps-EW-MC-55
ma-EW-MC-207	Extreme Weather	NRP - Natural Resource Protection	Pending	2020	Mendocino County	Routinely inspect storm water channels for vegetation build up or encroachment, trash and debris, silt and gravel build up, and erosion or bank failure.	Mendocino County Department of Transportation	Medium - The project could be implemented with existing funding but would require a re-apportionment of the budget or a budget amendment, or the cost of the project would have to be spread over multiple years.	High - Project will provide an immediate reduction of risk exposure for life and property.	Ongoing	Project	HMGP / BRIC , FMA	High	ps-EW-MC-53, ps-EW-MC-53, ps-FL-MC-29



**MENDOCINO COUNTY**  
**MULTI-HAZARD MITIGATION PLAN**

Mitigation No.	Hazard Type	Mitigation Type	Status	Year	Primary Agency	Title/Description	Responsible Party	Estimated Cost	Estimated Benefit	Time Frame	HMA Activity Type	Potential Grant Source	Priority	Related Problem Statements
ma-EW-MC-208	Extreme Weather	SP - Structural Projects	Pending	2020	Mendocino County	Perform a feasibility study for flood proofing options and analyze the drainage systems County-wide.	Mendocino County DOT	High - Existing funding will not cover the cost of the project; implementation would require new revenue through an alternative source (for example, bonds, grants, and fee increases).	High - Project will provide an immediate reduction of risk exposure for life and property.	3-5 Years	Project	HMGP / BRIC , FMA	High	ps-EW-MC-53
ma-FL-MC-125	Flood	PPRO - Property Protection	Pending	2014	Mendocino County	Acquire, relocate, or elevate residential structures, in particular those that have been identified as Repetitive Loss (RL) properties that are located within the 100-year floodplain.	Planning and Building Services	High - Existing funding will not cover the cost of the project; implementation would require new revenue through an alternative source (for example, bonds, grants, and fee increases).	High - Project will provide an immediate reduction of risk exposure for life and property.	3-5 Years	Project	FMA	High	ps-FL-MC-32
ma-FL-MC-210	Flood	SP - Structural Projects	Pending	2020	Mendocino County	Elevate and retrofit bridges and culverts to allow proper stormwater / 100-YR flows.	Mendocino County DOT	High - Existing funding will not cover the cost of the project; implementation would require new revenue through an alternative source (for example, bonds, grants, and fee increases).	High - Project will provide an immediate reduction of risk exposure for life and property.	5-10 Years	Project	HMGP / BRIC , FMA	High	ps-FL-MC-28
ma-FL-MC-213	Flood	NRP - Natural Resource Protection	Pending	2020	Mendocino County	Draft a Floodplain Management Plan to address County-wide flooding and identify specific mitigation projects to reduce the magnitude, frequency, and severity of flooding in Mendocino County.	Mendocino County	High - Existing funding will not cover the cost of the project; implementation would require new revenue through an alternative source (for example, bonds, grants, and fee increases).	High - Project will provide an immediate reduction of risk exposure for life and property.	3-5 Years	Planning	HMGP / BRIC , FMA	High	ps-FL-MC-27, ps-FL-MC-30, ps-FL-MC-174
ma-FL-MC-215	Flood	PRV - Prevention	Pending	2020	Mendocino County	Adopt higher regulatory standards (including but not limited to freeboard, comp storage, lower substantial damage thresholds, setback and fill restrictions) as means to reduce future flood risk and support a no-adverse-impact (NAI) philosophy to floodplain management.	Mendocino County	Low - The project could be funded under the existing budget. The project is part of or can be part of an ongoing existing program.	High - Project will provide an immediate reduction of risk exposure for life and property.	1-3 Years	Planning	HMGP / BRIC , FMA	Medium	ps-FL-MC-31, ps-FL-MC-32
ma-PN-MC-222	Pandemic	SP - Structural Projects	Pending	2020	Mendocino County	Assess and institute necessary upgrades to critical facilities to allow for usage during pandemic, including adequate ventilation and physical barriers	Mendocino County	Medium - The project could be implemented with existing funding but would require a re-apportionment of the budget or a budget amendment, or the cost of the project would have to be spread over multiple years.	High - Project will provide an immediate reduction of risk exposure for life and property.	1-3 Years	Project	HMGP / BRIC	High	ps-PN-MC-115, ps-PN-MC-61
ma-PN-MC-223	Pandemic	SP - Structural Projects	Pending	2020	Mendocino County	Institute necessary structural improvements to evacuation centers/sheltering locations to allow for proper ventilation, space for staff, and structural barriers to be used during pandemic and hazard event.	Mendocino County	High - Existing funding will not cover the cost of the project; implementation would require new revenue through an alternative source (for example, bonds, grants, and fee increases).	High - Project will provide an immediate reduction of risk exposure for life and property.	1-3 Years	Project	HMGP / BRIC	High	ps-PN-MC-115, ps-PN-MC-61



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<b>ma-PN-MC-224</b>	Pandemic	ES - Emergency Services	Pending	2020	Mendocino County	Develop alternative sheltering/evacuation locations for social distancing required during pandemic and other hazard event	Mendocino County	Medium - The project could be implemented with existing funding but would require a re-apportionment of the budget or a budget amendment, or the cost of the project would have to be spread over multiple years.	High - Project will provide an immediate reduction of risk exposure for life and property.	1-3 Years	Planning	HMGP / BRIC	High	ps-PN-MC-114, ps-PN-MC-61
<b>ma-SF-MC-139</b>	Slope Failure	PPRO - Property Protection	Pending	2008	Mendocino County	Construct a lightweight fill prism under roads to prevent the slip plain from further movement and subsequent damage to roads.	Mendocino County	High - Existing funding will not cover the cost of the project; implementation would require new revenue through an alternative source (for example, bonds, grants, and fee increases).	High - Project will provide an immediate reduction of risk exposure for life and property.	3-5 Years	Project	HMGP / BRIC	High	ps-SF-MC-22, ps-SF-MC-23, ps-SF-MC-26
<b>ma-SF-MC-225</b>	Slope Failure	PPRO - Property Protection	Pending	2020	Mendocino County	Establish a priority list of slope failure locations and implement slope stabilization projects in the highest risk areas.	Mendocino County Department of Transportation	Medium - The project could be implemented with existing funding but would require a re-apportionment of the budget or a budget amendment, or the cost of the project would have to be spread over multiple years.	Medium - Project will have a long-term impact on the reduction of risk exposure for life and property, or project will not provide an immediate reduction in the risk exposure for property.	1-3 Years	Planning	HMGP / BRIC	Medium	ps-SF-MC-22, ps-SF-MC-23, ps-SF-MC-24, ps-SF-MC-25, ps-SF-MC-26, ps-SH-MC-51, ps-SH-MC-52
<b>ma-SH-MC-206</b>	Soil Hazard	PE&A - Public Education & Awareness	Pending	2020	Mendocino County	Develop educational outreach during the building permit process to raise awareness about the presence naturally occurring asbestos.	Planning and Building Services	Low - The project could be funded under the existing budget. The project is part of or can be part of an ongoing existing program.	Medium - Project will have a long-term impact on the reduction of risk exposure for life and property, or project will not provide an immediate reduction in the risk exposure for property.	1-3 Years	5%	HMGP / BRIC	Medium	ps-SH-MC-49
<b>ma-WF-MC-123</b>	Wildfire	PPRO - Property Protection	Pending	2014	Mendocino County	Create and/or help strengthen existing vegetation management programs that provides vegetation management services to elderly, disabled, or low-income property owners who lack the resources to remove flammable vegetation from around their homes.	Office of Emergency Services	Medium - The project could be implemented with existing funding but would require a re-apportionment of the budget or a budget amendment, or the cost of the project would have to be spread over multiple years.	High - Project will provide an immediate reduction of risk exposure for life and property.	1-3 Years	Project	HMGP / BRIC , FP&S	High	ps-WF-MC-47
<b>ma-WF-MC-227</b>	Wildfire	PPRO - Property Protection	Pending	2020	Mendocino County	Retrofit critical facilities (adult care, child care, schools, railways) with fire-resistant materials and create defensible space around structures.	Mendocino County	High - Existing funding will not cover the cost of the project; implementation would require new revenue through an alternative source (for example, bonds, grants, and fee increases).	High - Project will provide an immediate reduction of risk exposure for life and property.	3-5 Years	Project	HMGP / BRIC , FP&S	High	ps-WF-MC-45





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ma-WF-MC-228	Wildfire	ES - Emergency Services	Pending	2020	Mendocino County	Ensure addresses and locations are easily accessed during emergency, especially in the WUI. Methods include installation of high visibility address markers, partnering wiht County Fire Chief to reduce overlapping, duplicate, or misordered street and address markings, and developing GPS-based locating options for more remote or hard to find locations.	Mendocino County	Low - The project could be funded under the existing budget. The project is part of or can be part of an ongoing existing program.	High - Project will provide an immediate reduction of risk exposure for life and property.	1-3 Years	Project	HMGP / BRIC , FP&S	High	ps-WF-MC-43
ma-WF-MC-238	Wildfire	PRV - Prevention	Pending	2020	Mendocino County	Update County Code/ Land Use Regulations/Subdivision Design Guidelines to include design and siting standards to incorporate, for example, emergency response access and turn around space or fire suppression water needs.	Planning and Building Services	High - Existing funding will not cover the cost of the project; implementation would require new revenue through an alternative source (for example, bonds, grants, and fee increases).	High - Project will provide an immediate reduction of risk exposure for life and property.	1-3 Years	Planning	HMGP / BRIC	High	ps-WF-MC-42
ma-WF-MC-239	Wildfire	NRP - Natural Resource Protection	Pending	2020	Mendocino County	Coordinate with fire protection agencies to develop vegetation management program to remove understory brush, hazardous trees, and excessive fuels around County roads and evacuation routes.	Mendocino County Department of Transportation	High - Existing funding will not cover the cost of the project; implementation would require new revenue through an alternative source (for example, bonds, grants, and fee increases).	High - Project will provide an immediate reduction of risk exposure for life and property.	Ongoing	Project	HMGP / BRIC , FP&S	High	ps-WF-MC-48
ma-WF-MC-287	Wildfire	PPRO - Property Protection	Pending	2020	Mendocino County	Implement and continue to re-prioritize Mendocino County CWPP Mitigation Projects and support smaller scale neighborhood and community plans as appropriate.	Mendocino County	Medium - The project could be implemented with existing funding but would require a re-apportionment of the budget or a budget amendment, or the cost of the project would have to be spread over multiple years.	High - Project will provide an immediate reduction of risk exposure for life and property.	3-5 Years	Project	HMGP / BRIC , AFG , FP&S	High	ps-WF-MC-47, ps-WF-MC-48, ps-WF-MC-45
ma-WF-MC-300	Wildfire	PPRO - Property Protection	Ongoing	2020	Mendocino County	Identify and develop a plan and maintenance schedule for key fuel breaks currently existing around population centers and other key resources; develop new fuel breaks as identified.	County in partnership with MCFSC	Medium - The project could be implemented with existing funding but would require a re-apportionment of the budget or a budget amendment, or the cost of the project would have to be spread over multiple years.	High - Project will provide an immediate reduction of risk exposure for life and property.	Ongoing	Project	HMGP / BRIC	Medium	ps-WF-MC-42, ps-WF-MC-45, ps-WF-MC-47
ma-WF-MC-301	Wildfire	PRV - Prevention	Ongoing	2020	Mendocino County	Continue to support programs to reduce fuel loads in the County, including but not limited to continuing the chipper program, mastication and removal of fuels, and encouraging prescribed burns when practicable.	County in partnership with MCFSC	High - Existing funding will not cover the cost of the project; implementation would require new revenue through an alternative source (for example, bonds, grants, and fee increases).	High - Project will provide an immediate reduction of risk exposure for life and property.	Ongoing	Project	HMGP / BRIC , FP&S	High	ps-WF-MC-48, ps-WF-MC-44



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ma-WF-MC-302	Wildfire	PRV - Prevention	Ongoing	2020	Mendocino County	Develop a program to map and manage emerging high risk fuel sources.	County in partnership with Mendocino Fire Safe Council	Medium - The project could be implemented with existing funding but would require a re-apportionment of the budget or a budget amendment, or the cost of the project would have to be spread over multiple years.	High - Project will provide an immediate reduction of risk exposure for life and property.	Ongoing	Planning	HMGP / BRIC , FP&S	Medium	ps-WF-MC-45, ps-WF-MC-47

*Note: As a living document, project descriptions and actions in the tables above will be modified to reflect current conditions over time in MAST.*