

Recovery and Resiliency Actions List

By Primary Agency

Goal	Proposed Action	Ref Id	Potential Activities or Projects	Implementation Status	Funding Status	Primary Agency	
<b>CP1. Establish a first class comprehensive warning program with innovative technology and state of the art situational awareness</b>	<b>CP1.1</b> Develop a warning system that communicates alerts over many communication systems and to individuals with disabilities and others with access and functional needs, including individuals with limited English proficiency or non-English speaking. Conduct trainings and tests of the system	CP 1.1.1	Review and consider Incorporating California Office of Emergency Services public warning recommendations into County emergency operations plans, policies, and procedures.	Completed	Funded	DEM	
		CP 1.1.10	Research the use of sirens or other auditory alert in areas of the County with limited or no cell service	Underway	Funded	DEM	
		CP 1.1.11	Have Nixle and SoCo Alert sign-ups available at all County community meetings and work with organizations in the County to spread the message	Underway	Funded	CAO	
		CP 1.1.2	Coordinate alert and warning systems over multiple communication systems, to include platforms that utilize opt-out systems	Underway	Funded	DEM	
		CP 1.1.3	Collaborate on roles and responsibilities among emergency managers and first responders on warning systems and for issuing any warnings	Underway	Funded	DEM	
		CP 1.1.4	Develop a public outreach campaign to inform the public on warning expectations and what alert systems are available	Underway	Funded	DEM	
		CP 1.1.5	Assist in training alert operators and personnel at dispatch centers and emergency operation centers to compose effective emergency alert messages and transmit them using available systems	Scoping	Unfunded/ Uncertain	DEM	
		CP 1.1.6	Develop pre-scripted and "fill-in-the-blank" message templates and operational procedures for common, protective actions (i.e., prepare to evacuate, area re-entry, shelter-in-place, etc.)	Completed	Funded	DEM	
		CP 1.1.7	Conduct community warning assessments	Underway	Funded	DEM	
		CP 1.1.8	Ensure all warnings, outreach, templates, etc. cross all sensory, language and cultural barriers to reach all residents and visitors in Sonoma County, including individuals with disabilities and others with access and functional needs	Underway	Funded	DEM	
		CP 1.1.9	Consider bull horns, and different siren tones on police cars as a localized auditory warning component	Completed	Unfunded/ Uncertain	Sheriff	
		<b>CP1.2</b> Establish an on-line portal that consolidates critical first responders' and community partner information that is accessible to all community partners ("common operating picture")	CP 1.2.1	Working with emergency managers and first responders, identify what situational information is needed, standardize verbiage and procedures, and determine how that information would be displayed	Scoping	Funded	DEM

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		CP 1.2.2	Research, analyze and purchase available computer-based software to serve as the single repository for information.	Researching	Unfunded/ Uncertain	DEM
		CP 1.2.3	Identify innovative methods and assess integrating real-time information from residents and communities to provide information to a common operating picture	Scoping	Unfunded/ Uncertain	DEM
		CP 1.2.4	Develop and conduct trainings and drills for all system activators	Scoping	Unfunded/ Uncertain	DEM
		CP 1.2.5	Support the installation of fire cameras, weather stations, and seismic monitoring equipment in strategic County locations in support of a common operating picture	Underway	Funded	DEM
		CP 1.2.6	Integrate all sensors and monitoring data into the common operating picture (seismic, stream gauges, fire cameras, weather radar, Red Flag Warnings).	Scoping	Unfunded/ Uncertain	DEM
	<b>CP1.3</b> Develop protocols and partnerships for communicating critical information to elected officials, government and community leaders, and the public during a disaster so they are fully informed, to include individuals with disabilities and others with access and functional needs, including individuals with limited English proficiency or non-English speaking	CP 1.2.7	Enhance EOC information systems capacity to handle a large scale County disaster	Researching	Unfunded/ Requested	DEM
		CP 1.3.1	Identify critical information requirements of elected and senior appointed management officials for disasters and emergencies	Completed	Funded	DEM
		CP 1.3.2	Develop processes and procedures that coordinate information with elected officials throughout the disaster or emergency response	Completed	Funded	DEM
		CP 1.3.3	Develop protocols for dissemination of information during an emergency through all available media sources (newspaper, radio, social media, etc.), to ensure that messages are coordinated, accurate, and available in multiple languages	Scoping	Funded	DEM
		CP 1.3.4	Research, and implement where possible, the assignment of Spanish speaking first responders to areas heavily impacted by a disaster, including rapid evacuations	Scoping	Funded	DEM

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<b>CP2. Meet future challenges by redesigning the County Emergency Management Program, providing additional resources, enhancing external funding capabilities, and recommitting to the County's public safety missions</b>	<b>CP2.1</b> Assess and update overall County emergency procedures, programs, organization, authorities, infrastructure, staffing, equipping, and processes to determine structural changes that would best fit the capacity and needs of the County in a future disaster	CP 2.1.1	Review and possibly expand the Auxiliary Communications Service volunteer program	Scoping	Funded	<b>DEM</b>	
		CP 2.1.2	Review and possibly expand the Medical Reserve Corp volunteer program	Scoping	Unfunded/ Uncertain	<b>Health Services</b>	
		CP 2.1.3	Assess and overhaul/build new Emergency Operations Center	Researching	Unfunded/ Uncertain	<b>DEM</b>	
	<b>CP2.2</b> Assess and review administrative and functional placement of the Emergency Management Program to inform any recommended changes to the County Emergency Management Operations	CP 2.2.1	Evaluate existing systems and interface capacities of mutual aid partners and develop an integrated and comprehensive system that supports both local and mutual-aid response	Scoping	Unfunded/ Uncertain	<b>DEM</b>	
			CP 2.2.2	Research sustained funding methods for all new or expanded emergency services	Underway	Funded	<b>DEM</b>
			CP 2.2.3	Review and revise the County's Emergency Management Memorandum of Understanding with stakeholder agencies/jurisdictions	Scoping	Unfunded/ Uncertain	<b>DEM</b>
			<b>CP2.3</b> Expand trainings and drills for countywide emergency managers, mutual aid partners, elected officials, and County staff	CP 2.3.1	Develop a public information and warning systems training program for County officials, Emergency Operations Center personnel, including appropriate authorizations to issue evacuation orders	Underway	Funded
	CP 2.3.2	Strengthen collaboration with the Mutual Aid Regional Advisory Committee to ensure effective and efficient support to local response to a disaster.			Underway	Funded	<b>DEM</b>
	CP 2.3.3	Revise County staff emergency management training plan and professional development			Underway	Funded	<b>DEM</b>
		CP 2.3.4	Collaborate with Mutual Aid and operational area partners to design, develop and conduct training exercises that evaluate communications and response systems	Scoping	Unfunded/ Uncertain	<b>DEM</b>	
CP 2.3.5			Conduct Incident Command System training and drills, workshops, table top and functional exercises	Underway	Funded	<b>DEM</b>	
CP 2.3.6			Research cross training for other jurisdictions' to work in others EOC	Researching	Funded	<b>DEM</b>	

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	<b>CP2.4</b> Increase the County's capacity and capability to pursue and manage available grants and external funding opportunities related to disaster recovery, emergency preparedness, hazard mitigation, resiliency and homeland security	CP 2.4.1	Complete and close-out the DR-4344 FEMA Public Assistance Project Worksheets, maintaining federal funding compliance at all levels, and maximizing reimbursement as well as hazard mitigation inclusion in the Project Worksheets.	Underway	Funded	ACTTC
		CP 2.4.10	Engage qualified national consulting firm to assist and position County to receive maximum Federal and State disaster recovery funds	Completed	Funded	CAO
		CP 2.4.11	Manage, coordinate, and oversee CDBG-DR funding opportunities, maintaining federal funding compliance at all levels	Underway	Funded	CDC
		CP 2.4.12	Conduct regular federal procurement trainings with departments to build federal procurement capabilities	Researching	Funded	General Services
		CP 2.4.13	Create County procurement policies and procedures that meet federal procurement requirements	Underway	Funded	General Services
		CP 2.4.2	Create charter document for the Disaster Finance Team to formalize its structure, mission, roles, and authorities.	Scoping	Funded	ACTTC
		CP 2.4.3	Pursue recovery and resiliency external funding opportunities to achieve County strategic priorities	Underway	Funded	CAO
		CP 2.4.4	Enhance grant pursuit, implementation, and compliance capabilities across County departments	Underway	Funded	CAO
		CP 2.4.5	Create strategic planning documents for the CAO grants function, and Grants Steering Committee, to formalize structure, mission, goals, scope, functions, and authorities.	Researching	Funded	CAO
		CP 2.4.6	Create grant tracking procedures and systems that enable centralized information and analysis of County funds committed, costs of grant pursuit activities, return on investment, active awarded grants	Researching	Unfunded/ Uncertain	CAO
		CP 2.4.7	Successfully implement all awarded applications, maintaining compliance with funding requirements through all grant phases	Scoping	Unfunded/ Requested	CAO
		CP 2.4.8	Build resource library of external funding sources for Countywide recovery operations, including funding source information and compliance policies.	Researching	Funded	CAO
		CP 2.4.9	Digitize historic payroll documents currently stored on microfiche	Scoping	Unfunded/ Uncertain	ACTTC
	<b>CP2.5</b> Review Sonoma County Operational Area Emergency Council	CP 2.5.1	Evaluate the role of the Sonoma County Operational Area Emergency Council and determine the appropriate regional structure or entity to enhance countywide emergency services and preparedness	Underway	Funded	DEM

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<b>CP3. Lead, support and train community liaisons to build and sustain individual and neighborhood preparedness, to include individuals with disabilities and others with access and functional needs, and individuals with limited English proficiency or non-English speaking</b>	<b>CP3.1</b> Collaborate with volunteer, non-profit and private organizations to establish community working groups to serve as community and neighborhood liaisons	CP 3.1.1	Collaborate with volunteer, non-profit and private organizations to establish community working groups to develop a Community Preparedness and Outreach Plan	Researching	Funded	DEM
		CP 3.1.2	Review all neighborhood programs (COPE, Get Ready, Next Door) when preparing a program, and where possible collaborate with existing preparedness programs (Red Cross Home Fire Campaign, etc.)	Researching	Funded	DEM
		CP 3.1.3	Use the Federal Emergency Management Agency Threat and Hazards Identification and Risk Assessments process to assess risk within the County to inform the Community Preparedness and Outreach Plan	Researching	Funded	DEM
		CP 3.1.4	Strengthen collaboration with Volunteer Organizations Active in Disaster (VOAD) and Rebuilding Our Community Sonoma County (ROC) and other volunteer, non-profit and private organizations in the Community Preparedness and Outreach Plan and Hazardous Materials Plan	Researching	Funded	DEM
		CP 3.1.5	Develop and sponsor an annual countywide family-friendly "Disaster Preparedness Day" concept, with resource information and possible interactive demonstrations	Researching	Unfunded/ Uncertain	CAO/BOS
		CP 3.1.6	Identify and collaborate with individuals and/or organizations to assume continuation of the local community preparedness plan and exercise drills	Researching	Funded	DEM
	<b>CP3.2</b> Work with community/neighborhood liaisons to identify hazards, risks, mitigation strategies, including evacuation routes	CP 3.2.1	Develop material to be used regarding preparedness and compile resources available (i.e., speakers, plan templates, etc.)	Researching	Funded	DEM
		CP 3.2.10	Develop educational information and training curriculum around personal emergency preparedness for individuals to be knowledgeable on how to be on their own for several days after a major disaster	Researching	Funded	DEM
		CP 3.2.11	Working with communities, identify needs to better organize and strengthen their assets and capacities to build partnerships and promote collaboration and information sharing at all levels.	Researching	Funded	DEM
		CP 3.2.12	Working with remote communities, research preparing maps of where residents live to assist first responders and individual neighborhood preparedness	Researching	Unfunded/ Uncertain	DEM

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		CP 3.2.2	Convene workshops of localized community partners and train leaders to identify threats and preparedness options	Researching	Funded	DEM
		CP 3.2.3	Promote safety committees within communities	Researching	Funded	DEM
		CP 3.2.4	Identify particular risks, obstacles and mitigation measures related to preparedness across individuals with disabilities and others with access and functional needs	Researching	Funded	DEM
		CP 3.2.5	Research feasibility of contracting with organizations to transport to shelters those people unable to drive or without access to a vehicle	Researching	Funded	DEM
		CP 3.2.6	Develop a web site which will contain information for residents during an evacuation (threats, exit routes, shelter locations, etc.)	Completed	Funded	ISD
		CP 3.2.7	Where feasible, include traffic management strategies for evacuations	Researching	Funded	DEM
		CP 3.2.8	Explore the use of emergency preparedness curriculum in classrooms and other youth group organizations	Researching	Funded	DEM
		CP 3.2.9	Prepare household pre-emergency and emergency packets (templates), to include information a resident will need in the event of an evacuation (e.g., home inventory, identifying paperwork, etc.)	Researching	Funded	DEM
	<b>CP3.3</b> Develop community response team programs	CP 3.3.1	Evaluate the role, effectiveness and localized need for County CERT programs, Auxiliary Communications Services, Medical Reserve Corp., and any other program that allows individuals and/or organizations to be pre-approved and trained to assist the County during and in the aftermath of a disaster or emergency	Scoping	Funded	DEM
		CP 3.3.2	Establish and publicize a community response team program	Underway	Funded	DEM
		CP 3.3.3	Engage with FEMA and Cal OES for funding and training for a model CERT program countywide	Researching	Funded	DEM
		CP 3.3.4	Establish Community Emergency Responder Trainings countywide.	Underway	Unfunded/ Uncertain	DEM
	<b>CP3.4</b> Update the County fire ordinance to enhance the Vegetation Management Program with incentives, inspection and abatement protocols, and appropriate funding	CP 3.4.1	Develop an expanded vegetation management County ordinance that improves resiliency of at-risk residents and properties, including those subject to Homeowners Associations' Covenants, Conditions & Restrictions.	Researching	Funded	Permit Sonoma
		CP 3.4.10	Revisit rules regarding fires at campgrounds during fire season	Researching	Funded	Regional Parks
		CP 3.4.11	Apply for funding for education and incentives for Safe and Resilient Sonoma County, to harden structures and create defensible space to reduce the risk of fire damage in identified vulnerable locations throughout County WUI	Scoping	Funded	Permit Sonoma

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		CP 3.4.2	Improve cycle time for weed abatement process	Researching	Unfunded/ Uncertain	Permit Sonoma
		CP 3.4.3	Improve enforcement of Public Resources Code section 4291: 'for defensible space maintenance' and Sonoma County Code 13A.	Researching	Unfunded/ Uncertain	Permit Sonoma
		CP 3.4.4	Research feasibility of requiring compliance with required defensible space and vegetation management practices at time of real estate transactions, remodels or upgrades	Researching	Funded	Permit Sonoma
		CP 3.4.5	Encourage and help facilitate hazardous vegetation removal on private lots and small parcels to increase defensible space and improve emergency access, including expanded landowner participation in Cal Fire Vegetation Management Program	Researching	Unfunded/ Uncertain	Permit Sonoma
		CP 3.4.6	Improve guidance for effective defensible space that also considers drought, erosion control, biologic resources, and low impact development	Researching	Funded	Permit Sonoma
		CP 3.4.7	Develop strategies that assist private lot and small parcel property owners with selective removal of vegetation damaged by fires.	Researching	Funded	Permit Sonoma
		CP 3.4.8	Develop and distribute landscaping information and templates that supports creating and maintaining fire-safe and sustainable landscapes in the wildland-urban interface (to be distributed in permitting process)	Underway	Funded	Permit Sonoma
		CP 3.4.9	Expand chipper program	Researching	Unfunded/ Uncertain	Permit Sonoma
	<b>CP3.5</b> Develop disaster preparedness protocols for pets and livestock safety	CP 3.5.1	Develop realistic, achievable and sustainable protocols for community members to be trained as disaster animal worker resources who can be mobilized during an emergency	Scoping	Unfunded/ Uncertain	UCCE
		CP 3.5.2	Develop an Agriculture Disaster Animal Entry Permit that provides protection of equine, livestock, poultry and livestock feed assets	Underway	Funded	UCCE
		CP 3.5.3	Complete the Animals in Disaster Response Plan, an Annex to the Emergency Operations Plan	Underway	Funded	Health Services
<b>CP4. Make County government more adaptable to provide continued services in disasters through comprehensive planning, a more empowered workforce, and improved facilities and technology</b>	<b>CP4.1</b> Identify essential infrastructure, services and resources necessary during a disaster and, to the extent possible, have agreements in place	CP 4.1.1	Establish priorities for essential services and critical business operations during and after a disaster or multi-hazard event.	Underway	Funded	DEM
		CP 4.1.10	Maintain updated procurement binder with available contractors/agencies/volunteer organizations; to include current contingency contracts	Underway	Funded	TPW

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		CP 4.1.2	Identify and work with culturally-competent local service providers to assist on front line immediately following a disaster in a Local Assistance Center, ensuring access to non-English speaking and/or undocumented residents (i.e., Undocufund, Grantmakers Concerned with Immigrant and Refugee Rights, Sonoma County Secure Families Immigrant Defense Collaborative)	Researching	Unfunded/ Uncertain	CAO
		CP 4.1.3	Identify and utilize County Disaster Workers who are multi-lingual and contracted language providers to communicate with the community, including undocumented residents, for official communications and at shelters, call centers, local assistance centers, etc.	Researching	Funded	DEM
		CP 4.1.4	Look for sister organizations in other jurisdictions that could be used on an on-call-basis in a disaster to ensure effective and efficient response	Researching	Funded	Health & Human Services
		CP 4.1.5	Develop a long term funding strategy for Rebuilding our Community (ROC) to assist community members throughout the recovery process	Researching	Funded	CAO
		CP 4.1.6	Identify tasks and functions and/or resources that could be performed by non-governmental CBOs, FBO and volunteer organizations and provide relevant training	Researching	Unfunded/ Uncertain	DEM
		CP 4.1.7	Apply for funding to retrofit Petaluma Veterans Hall for seismic stability and possible use as a shelter	Completed	Funded	General Services
		CP 4.1.8	Apply for funding for seismic strengthening and retrofit of existing structures in vulnerable locations throughout the County	Completed	Funded	General Services
		CP 4.1.9	Rebid contracts with FEMA required language included (based on prioritization for most frequently used disaster support goods/services or upon termination for less essential goods/services	Scoping	Funded	General Services
	<b>CP4.2</b> Pre-stage critical resources at strategic, designated sites throughout the County	CP 4.2.1	Review and assess resources that could be strategically placed in sites throughout the County for better response in a disaster	Underway	Unfunded/ Requested	TPW
		CP 4.2.2	Assess and identify Parks maintenance yards (County center, Healdsburg, Tolay, Spring Lake, Doran, Stillwater Cove, etc.) for essential critical equipment that would be used in an emergency; research funding for same	Scoping	Funded	Parks
	<b>CP4.3</b> Update the County's Continuity of Operations Plan (COOP) assuming that County will need to function effectively and independently (without state or federal resources) for at least 72 hours	CP 4.3.1	Maintain updated roster of county "emergency essential personnel and services" and county departments' "business resumption plans" for use during high threat situations.	Underway	Funded	CAO
		CP 4.3.2	Establish effective Continuity of Government and Continuity of Operations programs.	Underway	Funded	CAO



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	<b>CP4.4</b> Protect information, data, and communication infrastructure	CP 4.4.1	Identify primary County technology infrastructure, business systems, and critical facilities needed to support the essential services and critical business operations and implement specific protective measures	Underway	Unfunded/ Requested	ISD
		CP 4.4.2	Identify community infrastructure and utility services that are essential to the operation of the County technology infrastructure and systems and implement specific protective measures	Underway	Unfunded/ Requested	ISD
		CP 4.4.3	Assess risks and hazards that currently exist in the County technology infrastructure and community infrastructure and utilities	Scoping	Unfunded/ Requested	ISD
		CP 4.4.4	Prioritize technology infrastructure modernization projects (both County and Community) that directly relate to mitigating risks for points of failure that affect accessibility and scalability of critical business systems.	Scoping	Unfunded/ Requested	ISD
		CP 4.4.5	Apply for funding for a stand-alone generator for County of Sonoma's datacenter to ensure mission critical systems (911 and computer aided dispatch communications) have auxiliary power	Completed	Funded	ISD
		CP 4.4.6	Ensure County information is securely backed up offsite	Completed	Funded	ISD
		CP 4.4.7	Enhance EOC information systems capacity to handle a large scale County disaster	Scoping	Unfunded/ Requested	ISD
	<b>CP4.5</b> Work with federal, state, local, tribal, community and/or private partners to identify, assess, and modify or repair essential transportation infrastructure for critical County response	CP 4.5.1	Identify and assess essential transportation infrastructure necessary in a response and modify, repair, and/or maintain.	Underway	Funded	TPW
		CP 4.5.2	Assist with mapping and prioritization of vulnerable hillslopes in the burned areas that require specific rehabilitation or restoration efforts.	Ongoing	Unfunded/ Uncertain	TPW
		CP 4.5.3	Apply for funding for culvert improvements to reduce flooding (Drake Rd., Guerneville and Roberts Rd., Penngrove)	Completed	Funded	TPW
		CP 4.5.4	Apply for funding for bank stabilization to protect River Road using primarily natural materials in order to protect a vital transportation link, as well as residences and agricultural land	Completed	Funded	TPW
		CP 4.5.5	Apply for funding to purchase and install onsite generator for the Sonoma County Santa Rosa Road maintenance yard to prevent risk of service interruption of disaster response	Completed	Funded	TPW
	<b>CP 4.6</b> Work with private utility providers for solutions to hardening infrastructure and coping with destroyed utilities in a disaster	CP 4.6.1	Collaborate with other jurisdictions in the County about response to any de-energization by PG&E	Underway	Funded	DEM

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		CP 4.6.2	Work with PG&E to determine feasibility of conducting de-energization trainings and drills prior to a disaster	Researching	Funded	DEM
		CP 4.6.3	Work collaboratively with PG&E to leverage vegetation management practices and implementation as its vegetation management practices are expanded based on the California Public Utilities Commission's High Fire-Thread District map and resulting regulations	Ongoing	Unfunded/ Uncertain	TPW
		CP 4.6.4	Encourage local energy systems and microgrids and seek to obtain funding	Researching	Unfunded/ Uncertain	TBD
		CP 4.6.5	Collaborate with private utility companies to define how back-up communication services can be provided if infrastructure is damaged during a disaster event	Researching	Funded	DEM
		CP 4.6.6	Consider mandatory underground utilities for newly constructed neighborhoods and commercial properties.	Researching	Unfunded/ Uncertain	Permit Sonoma
		CP 4.6.7	Advocate for utility companies undergrounding electrical lines on all properties	Researching	Unfunded/ Uncertain	CAO
		CP 4.6.8	Advocate for state and federal funding for undergrounding of utilities	Underway	Funded	CAO
		CP 4.6.9	Advocate for and possibly establish a "Dig Once" policy	Complete	Unfunded/ Uncertain	TPW
<b>E1: Develop and support a high quality and equitable local workforce that contributes to rebuild efforts, resiliency, and long-term economic vitality in Sonoma County.</b>	<b>E1.1</b> Build sustainable career pathways tied to education and new business opportunities, especially in the area of construction.	E 1.1.1	Create a Sonoma County Cooperative Education Program that combines classroom-based learning with structured work experience to develop a pipeline of skilled graduates into local firms.	Underway	Unfunded/ Requested	EDB
		E 1.1.2	Continue to partner with and expand the Sonoma County Youth Ecology Corps to potentially include "green jobs" focused on vegetation management.	Underway	Funded	Workforce Investment Board
		E 1.1.3	Develop a plan to train and recruit new construction workers that includes collaborating with the North Bay Construction Corps, a five-month after school training program for high school seniors interested in construction and the trades.	Underway	Unfunded/ Uncertain	EDB
		E 1.1.4	Utilize grant funding from the California Employment Development Department to help train residents for in-demand construction jobs and promote opportunities in both English and Spanish.	Underway	Funded	Human Services
		E 1.1.5	Consider establishing a formal construction skills training center to support North Bay Construction Corps programming.	Underway	Unfunded/ Requested	EDB
		E 1.1.6	Establish a Talent Alignment Council to evaluate shortages in the workforce and develop strategies to fill gaps. Council will discuss employer workforce needs and better align training programs to match those needs.	Underway	Funded	EDB

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		E 1.1.7	Expand scholarship offerings from non-profit organizations and other philanthropic individuals and organizations for low-income and middle-class students.	Research	Unfunded/ Uncertain	EDB
	<b>E1.2</b> Support workforce housing solutions.	E 1.2.1	Collaborate to support an Employer Housing Council, to encourage a variety of workforce housing solutions by collaborating with private sector employers and the Renewal Enterprise District to support opportunities for increased workforce housing, especially for construction and associated trade workers.	Underway	Funded	CDC
	<b>E1.3</b> Improve transportation options for residents to connect with employers and essential services.	E 1.3.1	Work with employers to fund and establish shuttle services, especially for senior resident needs.	Complete	Unfunded/ Uncertain	TPW
		E 1.3.2	Explore public-private partnerships for ride sharing programs to create affordable transportation solutions.	Complete	Unfunded/ Uncertain	TPW
		E 1.3.3	Explore opportunities to leverage SMART and expand, adjust, and discount bus routes, especially for displaced residents.	Complete	Unfunded/ Uncertain	TPW
<b>E2: Support local businesses to thrive by ensuring access to resources, developing partnerships, and providing entrepreneurial support.</b>	<b>E2.1</b> Assist public and private organizations in Sonoma County in accessing economic recovery loans and other available assistance.	E 2.1.1	Collaborate with partners for outreach to encourage employers to apply for SBA loans to recoup physical and economic damage.	Complete	Unfunded/ Uncertain	EDB
		E 2.1.2	Monitor additional resources that come available during recovery, such as Housing and Urban Development (HUD) funding, and encourage employers to apply.	Underway	Unfunded/ Requested	EDB
		E 2.1.3	Assist public and private organizations in Sonoma County in accessing economic recovery loans and work with state and federal agencies, local banks, credit unions, and alternative lenders to support business lending and grants to qualified businesses and provide information in English and Spanish.	Underway	Funded	EDB
		E 2.1.4	Create a pathway to ensure the resiliency of Sonoma County's local agriculture industry by developing long-term solutions for challenges facing agriculture sustainability, such as climate change, market forces, labor shifts and the technology gap.	Scoping	Unfunded/ Uncertain	UCCE
	<b>E2.2</b> Partner with Sonoma County Tourism and other partners to implement a robust economic recovery marketing campaign.	E 2.2.1	Partner with Sonoma County Tourism and other partners to implement an economic recovery marketing campaign.	Completed	Funded	EDB
		E 2.2.2	Support "Open for Business" marketing effort and other targeted marketing efforts to let residents and visitors know that the County is up and running.	Completed	Funded	EDB

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		E 2.2.3	Encourage both residents and non-residents to shop online for Sonoma County goods and donate to local non-profits.	Underway	Unfunded/ Uncertain	<b>EDB</b>		
		E 2.2.4	Expand the GoSoCo campaign and support other shopping local shopping marketing efforts to increase public awareness of the economic benefits of shopping local	Underway	Unfunded/ Uncertain	<b>EDB</b>		
	<b>E2.3</b> Expand broadband infrastructure across the county.	E 2.3.1	Explore opportunities to increase access to broadband throughout Sonoma County to increase opportunities for key activities such as receiving urgent information, telecommuting, grocery deliveries, etc.	Underway	Unfunded/ Requested	<b>EDB</b>		
<b>H1: Attract new and expanded sources of capital to incentivize the creation of housing for all income levels</b>	<b>H1.1</b> Form a Renewal Enterprise District (RED) as a Joint Powers Authority (JPA) to ensure coordination and facilitate pooled financing that supports a regional, shared housing vision	H 1.1.1	Execute Joint Powers Authority Agreement with the City of Santa Rosa as a two-year pilot. Coordinate funding and financing strategies with all municipalities seeking to encourage affordable housing. Pursue legislation to enhance effectiveness of RED JPA and garner State financial support.	Underway	Funded	<b>CDC</b>		
		H 1.1.2	Engage developers to discern true capital needs and tailor available County and City funds to promote quality projects.	Underway	Funded	<b>CDC</b>		
		H 1.1.3	Secured \$250,000 capacity building funding from Tipping Point to enhance the effectiveness of the County's Community Development Commission	Complete	Funded	<b>CDC</b>		
		H 1.1.4	Secured \$1,000,000 start-up funding from Hewlett Foundation for RED JPA	Complete	Funded	<b>CDC</b>		
		H 1.1.5	Received targeted disaster waivers from US Department of Housing and Urban Development that increased flexibility for various housing assistance programs administered by CDC	Complete	Funded	<b>CDC</b>		
		<b>H1.2</b> Engage financial institutions to develop new, more targeted debt and equity projects	H 1.2.1	Continue to convene an array of institutions to develop new capital structures that mitigate financing risks and incentive quality projects.	Underway	Funded	<b>CDC</b>	
			H 1.2.2	Join the California Public Finance Authority JPA and utilize its available financing tools	Complete	Unfunded/Re quested	<b>CDC</b>	
			H 1.2.3	Develop financing tool for ADU's	Underway	Unfunded/Re quested	<b>CDC</b>	
			H 1.2.4	Support Federal Reserve Bank of San Francisco's convening of lenders/financial institutions with the goal of increasing availability of capital for housing development	Complete	Funded	<b>CDC</b>	
			<b>H1.3</b> Secure the maximum amount of federal and state affordable housing funds	H 1.3.1	Support California Housing and Community Development Department's Unmet Needs Analysis and Action Plan for deployment of CDBG-DR	Complete	Funded	<b>CDC</b>
				H 1.3.2	Support passage of local and state housing bonds	Complete	Funded	<b>BOS</b>

Recovery and Resiliency Actions List

By Primary Agency

Goal	Proposed Action	Ref Id	Potential Activities or Projects	Implementation Status	Funding Status	Primary Agency
		H 1.3.3	Deepen relationships with all relevant State agencies, including CalHFA, Strategic Growth Council, Tax Credit Allocating Committee	Underway	Funded	CDC
		H 1.3.4	Conduct a robust Assessment of Fair Housing to document needs and opportunities, and ensure findings and recommended actions are incorporated into housing plans going forward	Scoping	Unfunded/Requested	CDC
		H 1.3.5	Utilize qualified national consulting firm to assist and position the County to receive CDBG-DR funds, and strategically utilize for unmet needs	Complete	Funded	CDC
	<b>H1.4</b> Engage the business community to consider options for employers to support and invest in new housing	H 1.4.1	Assist EDB and Santa Rosa Metro Chamber to organize an Employer Housing Council, as called for in the Strategic Sonoma plan	Researching	Funded	EDB
<b>H2: Increase regulatory certainty by changing the County's business model and actively seek opportunities to deepen regional cooperation</b>	<b>H2.1</b> Identify potential changes to land use regulations, processes and procedures that could reduce the time to complete processes, decrease uncertainty in the approval process and reduce the cost of housing development, including fire recovery permits	H 2.1.1	Evaluate and bring forward for consideration multi-family standards, workforce housing combining zone standards near jobs, and other housing initiatives	Completed	Funded	Permit Sonoma
		H 2.1.10	Review higher density development opportunities within Urban Service Areas near jobs and transit, as provided in the General Plan, by considering a workforce housing combining zone district(s)	Underway	Partially funded SB 2	Permit Sonoma
		H 2.1.11	Update Specific Plans, fee studies, and other planning documents to support meeting regional housing needs	Underway	Unfunded/Requested	Permit Sonoma
		H 2.1.12	Inform the General Plan Update process regarding issues related to respond to regional housing needs, hazard mitigation, and resiliency	Scoping	Unfunded/Requested	Permit Sonoma
		H 2.1.13	Develop for consideration additional housing initiatives that may become apparent after the current round of initiatives have been implemented; on-going cycles of regulatory updates allows the regulations to evolve with the needs and desires of the community	Researching	Unfunded/Requested	Permit Sonoma
		H 2.1.2	Collaborate and advocate on land use planning issues related to housing production, including General Plan update and for an environmentally appropriate and effective conservation and mitigation strategy update.	Researching	Unfunded/Requested	Permit Sonoma
		H 2.1.3	Continue to identify areas to address fire recovery regulatory changes related to increasing regulatory certainty, structure resiliency, and other, yet to be identified opportunities.	Researching	Funded	Permit Sonoma
		H 2.1.4	Increased the allowable residential floor area in mixed-use projects from 50 percent to 80 percent	Complete	Funded	Permit Sonoma
		H 2.1.5	Shifted collection of affordable housing fees until near occupancy, rather than at permitting	Complete	Funded	Permit Sonoma

Recovery and Resiliency Actions List

By Primary Agency

Goal	Proposed Action	Ref Id	Potential Activities or Projects	Implementation Status	Funding Status	Primary Agency
		H 2.1.6	Allowed small single room occupancy (SRO) projects as a permitted use and removed the existing 30-room limit for larger SRO projects	Complete	Funded	Permit Sonoma
		H 2.1.7	Allowed transitional and supportive housing in all zoning districts that allow single-family dwellings	Complete	Funded	Permit Sonoma
		H 2.1.8	Analyzed roughly 16,000 possible housing units in the development pipeline countywide. Current analysis has been to identified high level status of projects to help determine those projects furthest along in the process. Further analysis is needed on a case by case basis with the developer and local jurisdiction as opportunities to participate are identified.	Underway	Funded	Permit Sonoma
		H 2.1.9	Consider opportunities for modernization and standardization of permitting to make it easier for developers to submit applications countywide	Researching	Unfunded/Un certain	Permit Sonoma
	<b>H2.2</b> Enhance opportunities for innovative and non-traditional building types for a wide range of housing developments	H 2.2.1	Increased the maximum size of accessory dwelling units (ADUs) to 1,200 square feet	Complete	Funded	Permit Sonoma
		H 2.2.2	Reduced fees on smaller ADUs to encourage smaller units that are affordable by design	Complete	Funded	Permit Sonoma



<b>H3: Support building and development standards with improved local hazard resiliency and reduced climate impacts</b>	<b>H3.1</b> Build/Rebuild/Retrofit more resilient homes in Wildland Urban Interface (WUI) and other high-risk hazard locations	H 3.1.1	Facilitate construction hardening techniques appropriate for wildfire/urban interfaces and seismic retrofits for rebuilding and existing homes through education and grant programs. Seek Hazard Mitigation Grant for provide assistance for structures at risk of wildfires within high risk areas. Seek Hazard Mitigation Grant for provide assistance for seismic retrofits within high risk areas.	Underway	Unfunded/Requested	Permit Sonoma
		H 3.1.2	Help property owners navigate vegetation management opportunities through partnership with Fire Safe Sonoma and similar programs	Researching	Unfunded/Requested	Permit Sonoma

## Recovery and Resiliency Actions List

By Primary Agency

Goal	Proposed Action	Ref Id	Potential Activities or Projects	Implementation Status	Funding Status	Primary Agency
		H 3.1.3	Advocate for funding opportunities for private property vegetation management to complement creating safe zones around homes in high risk areas	Researching	Unfunded/Requested	Permit Sonoma
	<b>H3.2</b> Build/Rebuild better homes with improved efficiency and reduced operating costs	H 3.2.1	Facilitate climate positive construction techniques for building/rebuilding homes through consultation and project planning assistance from the Energy and Sustainability Division of General Services	Underway	Funded	General Services
		H 3.2.2	Facilitate building/rebuilding housing with clean energy programs through Sonoma Clean Power grant program	Underway	Funded	General Services
<b>H4: Support rebuilding fire destroyed homes</b>	<b>H4.1</b> Facilitate expedited permitting process for rebuilding home destroyed in the fires	H 4.1.1	Continue Resiliency Permit Center to expedite fire recovery permits	Underway	Funded	Permit Sonoma
		H 4.1.2	Provide for Regulatory Relief in the Sonoma Complex Fire Disaster Recovery Area	Underway	Funded	Permit Sonoma
	<b>H4.2</b> Explore and develop funding options to assist rebuild of homes destroyed in the fires	H 4.2.1	Seek Federal, State, and other funding to assist rebuilding gaps for those seeking to rebuild after the fires	Underway	Unfunded/Requested	CDC
	<b>H4.3</b> Facilitate and support rebuild navigation to assist those seeking to rebuild homes destroyed in the fires	H 4.3.1	Facilitate navigation assistance, including navigation to financial advising, insurance claim assistance, and professional building services for those seeking to rebuild from the fires in partnership with the ROC Sonoma County Recovery Center	Researching	Unfunded/Requested	CAO
	<b>H4.4</b> Seek insurance issue support at the State level	H 4.4.1	Continue to advocate for assistance with insurance issues with the State	Underway	Funded	CAO
<b>H5: Explore use of County-owned property to attract housing development that aligns with County goals</b>	<b>H5.1</b> Continue process to evaluate and develop housing on already identified County-owned properties for housing development	H 5.1.1	Continue process to secure a housing developer for 2150 W College	Underway	Funded	CDC
		H 5.1.2	Continue process to develop housing at Roseland Village	Underway	Funded	CDC
		H 5.1.3	Continue efforts to repurpose/sell the Chanate campus as allowed under California statute	Underway	Funded	General Services
		H 5.1.4	Explore the potential for housing as part of a mixed-use development on the County Administration Center property	Underway	Unfunded/Requested	General Services
	<b>H5.2</b> Identify and evaluate other potential opportunities for housing on County-owned land not yet identified	H 5.2.1	Continue to identify possible housing opportunities on other County-owned land	Underway	Unfunded/Requested	General Services
	<b>H5.3</b> Collaborate with contractors and developers to address barriers such as labor supply that limit rapid housing development	H 5.3.1	Evaluate the need for construction worker housing and whether opportunities exist on County owned properties	Scoping	Unfunded/Requested	General Services

## Recovery and Resiliency Actions List

By Primary Agency

Goal	Proposed Action	Ref Id	Potential Activities or Projects	Implementation Status	Funding Status	Primary Agency	
<b>NR1: Reduce fuel loads in forests, woodlands and shrub lands strategically to lower wildfire hazards to communities and sensitive habitats, improve delivery of resources and amenities people need, and move forests on a trajectory of increased resistance to drought, disease, and insects.</b>	<b>NR1.1</b> Develop strategic, proactive fuel reduction and landscape resiliency priorities using key criteria (e.g., wildfire risk, public health and safety, water supply needs, economic impacts, and ecosystem sensitivity) using decision-support tools with objective data and expert advisors.	NR 1.1.1	Assess fire impacts to carbon storage and identify carbon-wise options for fuel load reductions.	Underway	Funded	Ag + Open Space	
		NR 1.1.2	Consider fuel and fire break benefits in identifying potential forest, woodland, and shrubland land acquisitions, conservation easements, and/or development right transfers.	Underway	Funded	Ag + Open Space	
		NR 1.1.3	Assess fuel risks and tree mortality along public right of way in northwest Sonoma County to prioritize treatment locations.	Underway	Funded	TPW	
		NR 1.1.4	Collaborate to create and maintain a decision support resources that gather relevant scientific base data, human and ecosystem assets at risk, driving factors controlling fire hazards that can be accessible to public and private decision makers as they identify and prioritize fuel load and other resiliency management actions.	Scoping	Unfunded / Uncertain	CAO	
		NR 1.1.5	Based on best available science, consider designating various forest fuel management land use overlays that could impose restrictions to improve community safety.	Researching	Unfunded / Uncertain	Permit Sonoma	
		NR 1.1.6	Based on best available science, consider designating various forest fuel management land use overlays that feature incentives to improve community safety.	Researching	Unfunded / Uncertain	Permit Sonoma	
		<b>NR 1.2</b> Evaluate options for active management of forests, woodlands, and shrub lands on public and private lands for fuel and fire breaks that decrease risks to developed communities.	NR 1.2.1	Implement preventative fuel load reduction and fuel breaks along public road rights-of-way, according to priorities informed by NR 1.1.	Ongoing	Unfunded / Requested	TPW
			NR 1.2.2	Coordinate expedited thinning, burning and grazing projects to reduce fuel loads on properties owned or managed by the County and Special Districts, according to priorities informed by NR 1.1.	Scoping	Unfunded / Uncertain	CAO
			NR 1.2.3	Collaborate to identify and implement fuel breaks in upper Mark West Creek watershed.	Underway	Funded	Regional Parks
			NR 1.2.4	Provide supportive guidance to private property owners and advocate for improved technical, financial, and regulatory conditions to facilitate forest management via multiple strategies and methods that provide ecological and public safety benefits to the community.	Underway	Unfunded / Uncertain	UCCE



## Recovery and Resiliency Actions List

By Primary Agency

Goal	Proposed Action	Ref Id	Potential Activities or Projects	Implementation Status	Funding Status	Primary Agency
		NR 1.2.5	Assist and support increased opportunities for fuel load reduction on private and public lands using grazing (including demonstration projects and updated guidance from Certified Rangeland managers).	Researching	Unfunded / Uncertain	UCCE
		NR 1.2.6	Encourage the potential creation of volunteer, community-based land stewardship associations (e.g., Prescribed Burn Associations, Grazing Cooperatives), particularly in vulnerable rural areas with high fuel loads.	Scoping	Unfunded / Uncertain	UCCE
		NR 1.2.7	Management of dead and dying Bishop Pine on the Sonoma Coast for fuel load reduction and ecosystem restoration.	Underway	Unfunded / Uncertain	TPW
		NR 1.2.8	Assist private property owners with burned parcel revegetation management to promote healthy vegetation structure and density over time.	Underway	Unfunded / Uncertain	UCCE
	<b>NR 1.3</b> Strengthen regional forest stewardship to improve leadership, oversight, training and funding of fuel reduction projects, while improving data resources and sharing to support environmental protections while facilitating effective fuel reduction opportunities for landowner and community-based projects.	NR 1.3.1	Promote opportunities for landowners and the general public to gain understanding of cultural, economic, and environmental issues about forest stewardship activities as part of demonstration and/or implementation efforts.	Underway	Unfunded / Uncertain	UCCE
		NR 1.3.2	Participate in the Governor's Forest Management Task Force (FMTF), the Rural County Representatives of California (RCRC), and the North Coast Resource Partnership (NCRP). Our participation will elevate our profile, keep us up-to-date on regulatory, funding, and policy issues, and capitalize on lessons learned elsewhere.	Underway	Unfunded / Uncertain	CAO
		NR 1.3.3	Evaluate the potential for traditional markets, regulations, and innovative means to improve the health and resilience of Sonoma County forest ecosystems, and provide recommendations that could include local or regional-scale governance structures, tax or fee funding, commercial activities, and landowner cooperative efforts.	Underway	Unfunded / Uncertain	CAO
		NR 1.3.4	Assess the potential for improved local-regional commercial markets in small wood biomass and related emerging vegetation management/carbon storage methods.	Researching	Unfunded / Uncertain	CAO

## Recovery and Resiliency Actions List

By Primary Agency

Goal	Proposed Action	Ref Id	Potential Activities or Projects	Implementation Status	Funding Status	Primary Agency
<b>NR2: Assess and support burned watersheds' recovery, and protect and enhance stream systems to lessen wildfire danger to communities, support water supply and drought tolerance, and provide flood attenuation while sustaining ecological functions and biological diversity.</b>	<b>NR2.1</b> Assess Mark West Creek and other priority burned streams to identify and rank recovery and rehabilitation needs and prepare for potential secondary hazards over the next few winters.	NR 2.1.1	Provide technical and resource information to landowners within burned watersheds regarding prevention of erosion, sedimentation, and water quality impairment that may be relevant for approximately five years post-fire.	Completed	Funded	CAO
		NR 2.1.2	Assist private property owners with containment BMPs to minimize the risk of debris and toxic material runoff to streams and rivers in early 2018, and with erosion and sediment control BMP installations and maintenance over approximately five subsequent rainy seasons.	Underway	Unfunded / Uncertain	CAO
		NR 2.1.3	Assess post-fire stream channel stability and vulnerability to potential secondary fire hazards due to potential flooding, erosion, and sedimentation, and debris flows for approximately five years post-fire.	Underway	Unfunded / Uncertain	CAO
		NR 2.1.4	Monitor burned public land native vegetation recovery, erosion and sedimentation risks, invasive/noxious species establishment to prioritize and implement remedial efforts as needed to minimize hazards.	Underway	Funded	Regional Parks; Ag + Open Space
		NR 2.1.5	Assist private property owners in areas affected by the October 2017 with evaluation of burned vegetation, residual fuel loads, invasive/noxious species.	Researching	Unfunded / Uncertain	Permit Sonoma
		NR 2.1.6	Assess, design and implement stabilization and re-vegetation needs on Hood Mountain sites burned or damaged during fire-fighting to prevent flooding, erosion, and debris flows.	Underway	Unfunded / Requested	Regional Parks
		NR 2.1.7	Assist with/request mapping and prioritization of vulnerable hillslopes and/or earthen dams within burn areas	Researching	Unfunded / Uncertain	Permit Sonoma
		NR 2.1.8	Support manure management planning for private equine properties within burned watersheds.	Researching	Unfunded / Requested	UCCE
		NR 2.1.9	Collaborate to provide guidance and support funding efforts for owners of individual or shared private roads and bridges with post-fire erosion and sediment control.	Ongoing	Unfunded / Uncertain	TPW
		<b>NR 2.2</b> Incorporate fire, flood and drought resiliency considerations in stream corridor land use decisions involving riparian zones and functional riparian zone protection/enhancement incentives and regulations.	NR 2.2.1	Prioritize fuel load reduction benefits as ranking criteria in the storm water resource planning process.	Completed	Funded

## Recovery and Resiliency Actions List

By Primary Agency

Goal	Proposed Action	Ref Id	Potential Activities or Projects	Implementation Status	Funding Status	Primary Agency
		NR 2.2.2	Support invasive species control and management on private lands disturbed by the fires and/or fire-fighting efforts. Conduct outreach with pest control businesses to ensure compliance with applicable pesticide regulations within the fire areas during rebuilding and vegetation recovery.	Underway	Unfunded / Uncertain	Ag Comm
		NR 2.2.3	Map potential riparian (and shoreline) buffers of adequate width, length, hydrology, soils and vegetation to provide effective fuel breaks, flood conveyance and groundwater recharge. Include all functional low fuel load/high moisture land uses (e.g., storm water basins or water storage ponds; irrigated fields, pastures, or recreation facilities, native riparian, wetlands, or managed grasslands).	Underway	Funded	Ag + Open Space
		NR 2.2.4	Apply fire and drought research to our local setting, offer trainings, and facilitate implementation of resilient landscaping principles as the fire-damaged areas recover and rebuild.	Underway	Unfunded / Uncertain	UCCE
		NR 2.2.5	Collaborate with qualified public entities, researchers, and NGOs to identify and prioritize stream corridor and/or other open space parcels that would contribute to a network providing resiliency to future fire, floods, and drought.	Scoping	Unfunded / Uncertain	CAO
		NR 2.2.6	Evaluate policies and regulatory framework that could facilitate future acquisition (in fee title/easement with transfer of development rights) of parcels suitable for integration in multi-benefit green breaks by public agencies or NGOs qualified to assume management responsibility.	Researching	Unfunded / Uncertain	Permit Sonoma
		NR 2.2.8	Evaluate opportunities to work with willing sellers to purchase (in fee title/easement with transfer of development rights) of parcels suitable for integration in multi-benefit green breaks by public agencies or Non-Governmental Organizations qualified to assume management responsibility.	Underway	Unfunded / Uncertain	Ag + Open Space
	<b>NR 2.3</b> Prioritize improved resilience of Wildland Urban Interface (WUI) areas to fire and/or other natural hazards in open space land protection acquisitions and easements as well as in community separator designations.	NR 2.3.1	Prioritize easements and acquisitions within the WUI and areas affected by 2017 fires that have appropriate ecosystem and fire hazard reduction benefits.	Underway	Funded	Ag + Open Space
		NR 2.3.2	Gather, review, and describe applicable policies, practices, and regulations from similar regions that are successful in providing fire and flood resiliency for natural resources/working lands.	Scoping	Unfunded / Requested	Permit Sonoma

## Recovery and Resiliency Actions List

By Primary Agency

Goal	Proposed Action	Ref Id	Potential Activities or Projects	Implementation Status	Funding Status	Primary Agency
		NR 2.3.3	Coordinate to consider both ecological and emergency access requirements for long-term management along fire-fighting scars on parks and other public lands within the burned zone.	Researching	Unfunded / Uncertain	Regional Parks
		NR 2.3.4	Pursue cooperative vegetation management planning in vicinities/neighborhoods with several jurisdictions (e.g., Oakmont)	Scoping	Unfunded / Requested	Regional Parks
		NR 2.3.5	Evaluate and consider expansion and adaptation of wildland urban interface (WUI) and community separator planning concepts to include possible 'green breaks' with multiple benefits for natural resources and communities.	Researching	Unfunded / Uncertain	Permit Sonoma
	<b>NR 2.4</b> Improve stream corridor conditions via outreach, training, and voluntary actions modeled on successful stream maintenance and habitat restoration programs, based on scientific studies.	NR 2.4.1	Coordinate with partners regarding planning and implementation of multi-benefit stream rehabilitation/restoration projects on public and private lands.	Researching	Unfunded / Uncertain	Sonoma Water; Ag + Open Space
		NR 2.4.2	Identify existing hazard trees on public land suitable for beneficial reuse as Large Woody Debris (LWD) in aquatic habitat restoration projects and facilitate their storage and distribution to appropriate agencies and organizations.	Scoping	Unfunded / Uncertain	Sonoma Water
		NR 2.4.3	Work with public and private partners to improve preparedness for water quality Best Management Practice (BMP) deployment in future emergencies; develop informal agreements regarding materials, methods, working relationships, responsibilities and geographic coverages to help address potential BMP needs on private lands.	Scoping	Unfunded / Uncertain	CAO
		NR 2.4.5	Collaborate with adjacent landowners to improve management practices that could result in enlarged, effective multi-benefit buffers around parks and other public lands.	Researching	Unfunded / Uncertain	Regional Parks
		NR 2.4.6	Consider expanding stream maintenance activities in public responsibility reaches to foster flood conveyance, protect water quality and aquatic habitat, and provide fuel breaks.	Researching	Unfunded / Uncertain	Sonoma Water

## Recovery and Resiliency Actions List

By Primary Agency

Goal	Proposed Action	Ref Id	Potential Activities or Projects	Implementation Status	Funding Status	Primary Agency
<b>NR3: Build on prior and continuing investments in natural resources acquisitions, monitoring, technical studies and partnerships to integrate best available science into outreach efforts, policy development, regulations, incentives, and land use planning decisions.</b>	<b>NR 3.1</b> Nurture community awareness and understanding of our fire-adapted landscape and the value of becoming a resilient fire-adapted community using results of post-fire monitoring and research.	NR 3.1.1	Engage the general public and specific stakeholder groups in physical and virtual visits to burned lands, via Nature Heals series and fire interpretive trail(s), along with visits to similar vulnerable lands for comparison.	Completed	Funded	Regional Parks
		NR 3.1.2	Conduct focused landowner and community outreach and conversation about fire risks, fuel reduction, and forest management within the water supply priority watershed of Lake Sonoma.	Completed	Funded	Sonoma Water
		NR 3.1.3	Participate in reporting post-fire natural resources monitoring data results and interpretations via a range of platforms, in culturally relevant ways, addressing broad audiences as well as specific stakeholder groups.	Underway	Unfunded / Uncertain	CAO
		NR 3.1.4	Facilitate public access to the improved rainfall, runoff, and natural hazards monitoring network (e.g., Sonoma OneRain), to improve awareness and knowledge of recovery status and secondary hazard risks in the burned areas.	Underway	Unfunded / Uncertain	Sonoma Water
		NR 3.1.5	Increase the integration of the weather, streamflow, water quality and fire detection systems (e.g., cameras) monitoring network with planning and permitting of forest and stream management actions.	Underway	Funded	Sonoma Water
		NR 3.1.6	Expand citizen-scientist participation in data collection for ongoing natural resources monitoring and/or event response and recovery documentation (including public schools, 4-H or other youth programs).	Underway	Unfunded / Uncertain	UCCE
		NR 3.1.7	Use inspection and enforcement activities as opportunities to inform and educate regarding required and recommended land, vegetation, soil and water management practices.	Researching	Unfunded / Uncertain	Permit Sonoma
		NR 3.1.8	Perform outreach and education to inform public about ecological importance of forests and the critical role (and native cultural history) related to prescribed and managed burning and grazing.	Researching	Unfunded / Uncertain	UCCE
		<b>NR3.2</b> Continue to collect best available scientific information to inform policy development and county investments that protect watersheds and developed communities from natural disasters.	NR 3.2.1	Contribute to field assessments and analysis of monitoring and remote sensing data to assess fine-scale burn severity, vegetation mortality, carbon loss, slope stability, erosion and sedimentation, and stream channel response to fire damage.	Underway	Funded

## Recovery and Resiliency Actions List

By Primary Agency

Goal	Proposed Action	Ref Id	Potential Activities or Projects	Implementation Status	Funding Status	Primary Agency
		NR 3.2.2	Research potential future fire hazards to water supply / water quality via possible contamination of the natural filtration provided by the gravels underlying the Russian River.	Underway	Funded	Sonoma Water
		NR 3.2.3	Conduct post-fire field and modeling research on soil, runoff, and debris flow hazards to assess variability between geologic units and vegetation types in Sonoma County; support improved secondary hazard forecast modeling.	Underway	Funded	Sonoma Water
		NR 3.2.4	Conduct and collaborate on studies evaluating how initial land use/vegetation type and condition affected fire damage and recovery progress, featuring impacted public and protected lands as case studies.	Underway	Unfunded / Uncertain	Ag + Open Space
		NR 3.2.5	Estimate the economic value of ecosystem services lost due to the 2017 fires to assist with cost/benefit analysis of various policy and planning decisions, and support funding requests.	Underway	Unfunded / Uncertain	Ag + Open Space
		NR 3.2.6	Fill key data gaps regarding ecosystem services valuations that can guide prioritization of forest management actions and assist in choosing/pursuing various organizational options (cooperatives; special districts; Joint Powers Authority; Marketing Order, etc.)	Researching	Unfunded / Uncertain	CAO
	<b>NR 3.3</b> Consider scientific data about the condition, fire vulnerability, and relative impacts of the 2017 fires on natural and working lands during updates to land use policies, plans, and regulations.	NR 3.3.1	Incorporate watershed resiliency and natural resource priorities in the Agriculture + Open Space District's Vital Lands Initiative.	Underway	Funded	Ag + Open Space
		NR 3.3.2	Conduct supplemental studies and mapping to support updates to the seismic hazards of the Rodgers Creek Fault zone for the update to the LHMP	Scoping	Unfunded / Requested	Permit Sonoma
		NR 3.3.3	Explore modifications to County Code and Ordinances that will advance Natural Resources resiliency and community safety.	Researching	Unfunded / Uncertain	Permit Sonoma
		NR 3.3.4	Highlight watershed resiliency and natural resource priorities in the General Plan update.	Researching	Unfunded / Uncertain	Permit Sonoma
		NR 3.3.5	Incorporate multibenefit projects for watershed resiliency and natural resource priorities in updates to the Storm Water Resources Plans (Russian River and Southern Sonoma County watersheds)	Scoping	Unfunded / Requested	Sonoma Water

## Recovery and Resiliency Actions List

By Primary Agency

Goal	Proposed Action	Ref Id	Potential Activities or Projects	Implementation Status	Funding Status	Primary Agency
		NR 3.3.6	Coordinate and collaborate to craft environmentally responsible conservation and mitigation for listed species and wetlands/waters of Sonoma County with programs, policies and mitigation strategies that reduce development uncertainty while protecting natural resources (e.g., Regional Conservation Investment Strategies Program, Habitat Conservation Plan, or other local plan updates).	Researching	Unfunded / Uncertain	CAO
	<b>NR 3.4</b> Improve natural resources hazards and resiliency data management and accessibility between governments, academic institutions, other organizations and the public.	NR 3.4.1	Use reporting about the roles of natural resources relative to the 2017 fires (positive and negative) to prompt awareness about wildfire, flooding, and drought risk and resiliency.	Researching	Unfunded / Uncertain	Permit Sonoma
		NR 3.4.2	Engage with Tribes to gather their interpretations of recent fire patterns and damage, and solicit guidance reflecting native cultural practices of vegetation management.	Researching	Unfunded / Uncertain	Permit Sonoma
		NR 3.4.3	Continue to collaborate with public and private partners to improve the consistency of natural resource management information, avoid duplication of efforts, and increase outreach extent and effectiveness.	Underway	Unfunded / Uncertain	UCCE
<b>SN1: Enhance core County service capacity to address long-term recovery needs and prepare for future disasters.</b>		SN 1.1	Enhance capacity to manage disaster shelters with increased training opportunities and collaboration with community volunteer partners and jurisdictions.	Underway	Funded	Human Services
		SN 1.2	Develop a plan to ensure available resources and services at disaster shelter are accessible to non-English speaking and/or undocumented residents.	Underway	Funded	Human Services
		SN 1.3	Explore creation of contingency contracts with eligible food providers to provide healthy and nutritious food services during a disaster.	Underway	Unfunded/ Uncertain	UCCE
		SN 1.4	Consider development of a contingency contract for coordination of food providers during an emergency, including an inventory and mapping of local food resources available throughout the county and nationally during disasters.	Researching	Unfunded/ Uncertain	UCCE
		SN 1.5	Provide re-employment assistance for workers who have lost their jobs because employers' businesses were destroyed or impacted by fires.	Underway	Funded	Human Services
		SN 1.6	Continue housing-related programs in Health and Human Services, including applying for appropriate housing grants.	Underway	Funded	Human Services
		SN 1.7	Utilize funding from the California Office of Emergency Services to support housing efforts for victims of elder abuse and neglect.	Researching	Unfunded/ Requested	Human Services

## Recovery and Resiliency Actions List

By Primary Agency

Goal	Proposed Action	Ref Id	Potential Activities or Projects	Implementation Status	Funding Status	Primary Agency
		SN 1.8	Pursue education and outreach opportunities to inform residents on public health disaster preparedness, with a focus on individuals with disabilities and others with access and functional needs, including individuals with limited English proficiency or non-English speaking.	Researching	Funded	Health Services
		SN 1.9	Develop a plan to set up emergency childcare facilities to allow emergency responders and community members to continue critical work needs.	Research	Unfunded/ Uncertain	Health Services
<b>SN2: Ensure the post-fire mental health and resiliency needs of the community are met.</b>		SN 2.1	Continue to provide crisis counseling, available county-wide through California HOPE, for residents affected by the fires.	Underway	Funded	Health Services
		SN 2.2	Partner with mental health professional associations, healthcare providers, funders, and nonprofits, to identify gaps in and ensure continuity of services.	Underway	Unfunded/ Uncertain	Health Services
		SN 2.3	Create a plan that addresses the short- and long-term integration of trauma-informed care in the community throughout various institutions, including schools, behavioral health services, and case management.	Researching	Unfunded/ Uncertain	Health Services
		SN 2.4	Create communal healing spaces that open the conversation and destigmatize trauma, including town halls, healing clinics, or community events.	Researching	Unfunded/ Uncertain	Health Services
<b>SN3: Build capacity with cross sector partners and community members to improve coordination and communication.</b>		SN 3.1	Strengthen Accessing Coordinated Care & Empowering Self Sufficiency (ACCESS) Sonoma County Initiative's capacity to coordinate care delivery, inc	Underway	Unfunded/ Requested	Health Services
		SN 3.2	Develop a technology tool to enable cross-departmental coordination and assessment of improvements in the health, well-being and self-sufficiency of high needs clients.	Underway	Unfunded/ Requested	Health Services
		SN 3.3	Expand "one-stop-shop" opportunities for residents to receive updated information and resources needed for recovery, which includes navigation assistance for financial advising, insurance claims, and rebuilding for those seeking to rebuild from the fires.	Scoping	Unfunded/ Uncertain	CAO
		SN 3.4	Identify roles and responsibilities of community partners and the County as they relate to recovery activities.	Researching	Unfunded/ Uncertain	CAO
		SN 3.5	Enhance services and capacity of 211 Sonoma County.	Scoping	Unfunded/ Uncertain	Human Services
		SN 3.6	Partner with community assessments and surveys and utilize existing community data to inform ongoing recovery priorities.	Underway	Funded	CAO



## Recovery and Resiliency Actions List

By Primary Agency

Goal	Proposed Action	Ref Id	Potential Activities or Projects	Implementation Status	Funding Status	Primary Agency
		SN 3.7	Partner with community providers (hospitals, clinics, skilled nursing facilities, non-profits, faith-based organizations, etc.) to develop collaborative disaster planning and preparedness efforts.	Underway	Funded	Health Services
<b>SN4: Understand and address social inequities to advance opportunities for all.</b>		SN 4.1	Create a comprehensive community needs assessment using a vulnerability methodology that assesses disparities and needs related to health, well-being and self-sufficiency.	Underway	Funded	Health Services
		SN 4.2	Develop principles and guidelines to launch implementation of performance-based contracting to increase efficiencies and effectiveness of safety net service delivery.	Scoping	Unfunded/ Requested	CAO
		SN 4.3	Leverage and utilize tools offered by the Government Alliance on Race and Equity network to achieve racial equity and advance opportunities for all.	Underway	Funded	Health Services