

Capability Improvement and Plan Integration

Participants will use the capability findings when implementing and maintaining the plan. Applicable actions identify the responsible agency, anticipated timeframe, potential resources, and the capability or risk-reduction need addressed. Participants will also use updated hazard, land use, demographic, infrastructure, environmental, and future-conditions information when revising comprehensive plans, development regulations, capital improvement programs, emergency operations plans, community wildfire protection plans, floodplain management procedures, and other relevant mechanisms. This approach allows each jurisdiction to adjust its policies, projects, and outreach as conditions and available resources change without overstating the certainty of future local impacts.

6 Mitigation Strategy

6.1 Goals and Objectives

The following goals and objectives establish the Five County Area's long-term framework for reducing natural hazard risk. During the current plan update, the planning team and participating jurisdictions reviewed the goals at the August 25, 2026, mitigation strategy meeting after the risk and capability assessment activities. Participants considered updated hazard and vulnerability information, changes in development and other future conditions, local capabilities, public and stakeholder input, implementation experience, and lessons from the previous plan. The review retained the six-goal framework and clarified the goals and objectives to strengthen their mitigation focus and regional applicability.

Participating jurisdictions use these goals to develop and evaluate actions that address their identified hazards and vulnerabilities, account for changing conditions, and are feasible within their authorities and capabilities. Each action identifies the goal or goals it advances. The action evaluation and prioritization process considers the relationship among risk, capabilities, benefits, costs, technical feasibility, implementation responsibility, available resources, and other locally applicable criteria. Detailed performance measures, schedules, and monitoring responsibilities are provided in the mitigation action plan and plan maintenance procedures rather than embedded in the regional goals.

Goal 1: Protect Life and Property

Goal statement: Reduce long-term risk to people and public, private, residential, agricultural, and commercial property through appropriate structural and nonstructural mitigation measures.

Objective: Reduce the potential for injury, loss of life, property damage, and disruption by directing mitigation resources toward documented hazards and vulnerable people, structures, and locations.

Goal 2: Protect Critical Facilities, Infrastructure, and Community Lifelines

Goal statement: Reduce risk to critical facilities, infrastructure systems, and community lifelines and improve their ability to continue or rapidly restore essential functions following natural hazard events.

Objective: Promote mitigation, redundancy, protective design, maintenance, and other risk-reduction measures that limit damage and service interruptions affecting essential community functions.

Goal 3: Strengthen Public Education and Risk Communication

Goal statement: Improve residents' and visitors' understanding of natural hazards, protective measures, insurance and other risk-transfer options where applicable, and actions they can take to reduce risk.

Objective: Provide accessible, hazard-specific information and outreach that supports informed risk-reduction decisions and addresses the needs of people and locations that may experience disproportionate hazard impacts.

Goal 4: Strengthen Partnerships and Coordination

Goal statement: Coordinate mitigation planning and implementation among participating jurisdictions; local, state, Tribal, and federal agencies; nonprofit and community organizations; businesses; infrastructure owners and operators; academia; and other relevant partners.

Objective: Maintain partnerships that improve information sharing, align authorities and resources, support cross-jurisdictional projects, and address hazards and landscapes that cross jurisdictional boundaries, including coordination with federal land-management partners where applicable.

Goal 5: Strengthen the Resilience of Emergency Services

Goal statement: Reduce pre-disaster risk to emergency services, personnel, facilities, equipment, communications, access routes, and supporting systems needed to protect the public during and after natural hazard events.

Objective: Improve the continuity, redundancy, reliability, and hazard resistance of emergency-service capabilities through sustained mitigation actions undertaken before disasters occur.

Goal 6: Protect and Use Natural Systems

Goal statement: Protect, restore, and manage natural systems and landscapes where those measures can reduce natural hazard risk and provide compatible environmental and community benefits.

Objective: Advance feasible nature-based and watershed-, forest-, rangeland-, and landscape-scale mitigation measures that reduce long-term risk to communities, infrastructure, property, and economic resources while maintaining or improving natural functions.

Application of the Goals

The goals apply regionwide, while each participating jurisdiction selects and prioritizes actions based on its own hazards, vulnerabilities, development patterns, future conditions, assets, capabilities, and priorities. The mitigation action tables provide the formal record of how individual actions support one or more goals. During annual plan monitoring, jurisdictions will review action progress and consider whether changes in hazards, development, population, infrastructure, environmental conditions, capabilities, or available resources warrant adjustments to actions or implementation priorities. The goals will be reconsidered during the next plan update and revised when changes in risk, policy, or regional priorities warrant modification.

6.2 Mitigation Action Development and Evaluation

Following confirmation of the regional goals and objectives, the planning team and each plan participant developed and reviewed mitigation actions that address the hazards, vulnerabilities, and impacts identified in the risk assessment. The process was designed to produce an achievable, risk-informed strategy for reducing current and future losses to people, existing and future buildings, infrastructure, community lifelines, natural and cultural resources, and other assets valued by the Five County Region.

Comprehensive Range of Actions Considered

Each plan participant considered a comprehensive range of mitigation approaches, including local plans and regulations; structure and infrastructure projects; natural systems protection; and education and awareness programs. Participants also considered actions that could improve hazard data, strengthen local capabilities, support the National Flood Insurance Program, and address implementation barriers. Proposed actions were evaluated for their relationship to documented vulnerabilities and impacts, their applicability to existing and future development, and their feasibility within each participant's legal, administrative, technical, and financial capabilities.

Table 48 documents the range of mitigation actions considered by each plan participant, including actions selected for implementation and alternatives not selected at this time. Retaining the full record of considered actions supports future reconsideration as risks, capabilities, priorities, and funding opportunities change.

Table 48: Mitigation Actions and Alternatives Considered

Plan Participant	Hazard(s)	Vulnerability or Impact Addressed	Action or Alternative Considered	Action Type	Disposition	Rationale
All participating jurisdictions	Multiple Hazards	Existing and future development; public safety; critical facilities and community lifelines	Use the regional catalog and county annex selection matrices to identify jurisdiction-specific actions linked to profiled hazards and vulnerabilities.	Capability/Data Improvement	Selected	Provides one complete action record while preserving jurisdiction-specific selection and accountability.
Applicable jurisdictions in dam-inundation areas	Dam Failure	People, roads, utilities, and critical facilities in inundation areas	Update evacuation plans and routes; establish dam owner/operator communication protocols; assess exposed critical infrastructure.	Plans and Regulations	Selected	Directly responds to dam-failure exposure and can be tailored to the applicable dam and local inundation area.
Applicable counties and municipalities	Flooding	Undersized drainage, erosion, damaged crossings, and development in flood-prone areas	Prepare drainage studies; maintain channels and culverts; construct prioritized detention, conveyance, bridge, culvert, and bank-stabilization projects.	Structure and Infrastructure Project	Selected	Addresses recurring local infrastructure and erosion concerns identified in jurisdiction files.
Applicable counties and municipalities	Wildfire	Wildland-urban interface development, hazardous fuels,	Adopt WUI ¹²⁸ standards; implement fuels reduction; update CWPP ¹²⁹ and evacuation	Natural Systems Protection	Selected	Combines regulatory, project, natural-system, and outreach approaches

¹²⁸ WUI = wildland-urban interface¹²⁹ CWPP = Community Wildfire Protection Plan

Plan Participant	Hazard(s)	Vulnerability or Impact Addressed	Action or Alternative Considered	Action Type	Disposition	Rationale
		evacuation constraints, and post-fire erosion	priorities; restore burned slopes.			documented in local action inventories.
Applicable water systems and jurisdictions	Drought	Water-supply shortage, limited redundancy, high demand, and agricultural losses	Prepare drought plans; diversify supply and storage; reduce system losses and outdoor demand; promote agricultural conservation and crop insurance.	Plans and Regulations	Selected	Provides infrastructure, conservation, and economic-risk options appropriate to different local capabilities.
Applicable jurisdictions	Earthquake	Older buildings, unreinforced masonry, nonstructural hazards, and vulnerable utilities	Inventory and retrofit vulnerable facilities; enforce seismic codes; use flexible utility connections; conduct outreach.	Structure and Infrastructure Project	Selected	Supports both existing-building risk reduction and safer future development.
Applicable jurisdictions	Extreme Heat; Winter Storms; Damaging Winds; Hail; Thunderstorms and Lightning; Tornadoes	Exposure of people, buildings, utility systems, transportation, and outdoor facilities	Harden facilities and utilities; improve cooling and shelter options; protect roofs and equipment; maintain public-warning and outreach programs.	Structure and Infrastructure Project	Selected	Maintains at least one implementable option for each weather hazard in the regional risk assessment.
Applicable jurisdictions	Landslide; Problem Soils	Unstable slopes, rockfall, debris flow, and unsuitable soils affecting development and infrastructure	Improve mapping and monitoring; require geotechnical review and setbacks; stabilize priority slopes and damaged infrastructure.	Plans and Regulations	Selected	Links development review with site-specific corrective projects.

Plan Participant	Hazard(s)	Vulnerability or Impact Addressed	Action or Alternative Considered	Action Type	Disposition	Rationale
Applicable jurisdictions	Radon Gas	Indoor exposure in homes, schools, workplaces, and public facilities	Provide testing and mitigation outreach; test public facilities; consider radon-resistant new construction.	Education and Awareness	Selected	Provides near-term outreach and longer-term building-risk reduction options.
All participating jurisdictions	Multiple Hazards	Loss of power, communications, access, and continuity of essential services	Integrate hazard priorities into capital planning; add backup power and redundant communications; update continuity and mutual-aid arrangements.	Capability/Data Improvement	Selected	Improves implementation capacity and continuity across hazards.
Jurisdictions with repeatedly damaged or high-risk property	Flooding; Wildfire; Landslide; Multiple Hazards	Structures or land exposed to severe repetitive or long-term risk	Acquire, relocate, or remove at-risk structures or preserve high-risk land as permanent open space when voluntary and feasible.	Structure and Infrastructure Project	Deferred	Retained as an option where willing owners, eligibility, benefit-cost effectiveness, and funding can be demonstrated.
Applicable jurisdictions	Multiple Hazards	Unfunded capital and staffing needs	Rely only on emergency response, warning, or equipment purchases without a sustained risk-reduction component.	Capability/Data Improvement	Not Selected	Preparedness measures may support implementation but do not substitute for mitigation that reduces long-term risk.

Note: Action types are Plans and Regulations; Structure and Infrastructure Project; Natural Systems Protection; Education and Awareness; and Capability/Data Improvement. Dispositions are Selected, Deferred, Combined with Another Action, and Not Selected. The rationale column explains why actions were selected, deferred, or not selected.

Linkage to the Risk Assessment and Future Conditions

Each selected action is linked to one or more hazards and to a vulnerability or impact documented in the risk assessment. Plan participants considered how changes in development, population, land use, infrastructure condition, and other future conditions may affect long-term risk. Where the risk assessment indicates that future conditions may increase or shift risk, participants considered actions that avoid creating new risk, reduce exposure in existing developed areas, strengthen community lifelines, improve adaptive capacity, or preserve future implementation options. Jurisdiction-specific action tables identify the hazards addressed and should be read with the applicable vulnerability and impact assessments.

Mitigation Action Plan

The mitigation action plan identifies the actions that plan participants intend to pursue during the 2027–2032 plan cycle. Each participant identified at least one action for every hazard addressed in its jurisdiction-specific risk assessment. Regional or multi-jurisdictional actions may be shared when responsibilities and participating jurisdictions are clearly identified. Actions that do not provide a sustained reduction in long-term natural hazard risk may be retained for coordination purposes, but they do not substitute for required mitigation actions.

Action Prioritization Method

Plan participants prioritized actions using a structured review of social, technical, administrative, political, legal, economic, and environmental considerations. The review also gave specific emphasis to whether the anticipated monetary and nonmonetary benefits of an action are reasonable in relation to its estimated cost. A formal benefit-cost analysis was not required at the planning stage. Instead, participants used available information and professional judgment to compare alternatives and identify actions that maximize life-safety, property-protection, service-continuity, environmental, economic, and social benefits relative to cost and implementation constraints.

Participants assigned an overall priority of High, Moderate, or Low. High-priority actions generally address a documented high-consequence vulnerability, protect life or critical services, produce substantial benefits relative to cost, and can be advanced with available or reasonably anticipated authority, staffing, partnerships, and funding. Moderate-priority actions provide meaningful risk-reduction benefits but may depend on additional study, coordination, capacity, or funding. Low-priority actions remain useful but have lower urgency, fewer anticipated benefits, greater implementation barriers, or a longer

implementation horizon. A lower rating does not mean that an action should not be implemented if conditions or funding opportunities change.

Table 49: Mitigation Action Prioritization Criteria

Criterion	Key Considerations	Rating or Finding
Social	Life safety; effects on vulnerable populations; public support; equitable access to benefits; displacement or disruption.	Document affected populations and anticipated life-safety and community benefits; identify adverse effects and mitigation measures.
Technical	Proven method; engineering feasibility; site conditions; useful life; effectiveness for the identified hazard and vulnerability.	Confirm the action is technically feasible and likely to provide sustained risk reduction; identify needed study or design.
Administrative	Lead department; staffing; procurement; grant management; maintenance responsibility; partner capacity.	Identify a lead entity and realistic partners; rate lower or phase the action when capacity is not yet available.
Political	Consistency with adopted priorities; governing-body and community support; interjurisdictional coordination.	Document support or coordination needs and whether approvals can reasonably be obtained during the plan cycle.
Legal	Authority; property rights; permitting; code adoption; environmental and historic-preservation compliance.	Confirm legal authority or identify the approvals, easements, permits, or policy changes needed before implementation.
Economic / Cost-Benefit	Planning-level cost; funding eligibility; avoided losses; life-safety and service-continuity benefits; operations and maintenance.	Assign High, Moderate, or Low priority based in part on whether monetary and nonmonetary benefits reasonably justify estimated cost.
Environmental	Effects on water, habitat, soils, air quality, cultural resources, and natural floodplain or watershed functions.	Prefer actions with environmental co-benefits; identify review, avoidance, minimization, and mitigation needs for adverse effects.

The Economic / Cost-Benefit criterion evaluates anticipated benefits in relation to the estimated cost or cost category and whether benefits are expected to exceed or reasonably justify costs. It considers monetary and nonmonetary benefits, including avoided injuries and losses, continuity of essential services, reduced recovery time and costs, protection of natural and cultural resources, and improved quality of life.

Implementation and Administration

The jurisdiction-specific action plan tables identify the position, office, department, or agency responsible for administering each action; potential partners; applicable and sufficiently specific funding sources; the expected completion timeframe; estimated cost; and priority. Where more than one entity is listed, the lead entity is designated. Short-term means implementation anticipated within 1–2 years; medium-term means 3–5 years; and long-term means more than 5 years. Ongoing is used only for continuing, recurring, or phased activities and should include an implementation frequency or milestone where practicable.

Estimated costs are planning-level categories rather than project budgets: Low indicates limited staff time, outreach, routine administration, or minor improvements; Moderate indicates studies, equipment, targeted retrofits, or limited construction; and High indicates major capital improvements, extensive retrofits, or substantial construction. Combined categories reflect variation in scope or phasing; Low incremental indicates a limited additional cost when incorporated into planned work. Dollar estimates will be refined as project scopes are developed. Potential funding sources are subject to program availability and project eligibility; routine operations, maintenance, outreach, and response activities rely on local budgets unless a specific eligible funding opportunity is identified. HMGP refers to FEMA’s Hazard Mitigation Grant Program; CIB refers to Utah’s Permanent Community Impact Fund Board.

Implementation is subject to available authority, staff capacity, technical feasibility, competing priorities, and funding. The identification of a potential grant program does not guarantee eligibility or award. Responsible agencies will refine scopes, costs, schedules, environmental and historic preservation requirements, and benefit-cost documentation as actions advance toward funding and implementation. Progress will be monitored through the plan maintenance process described in the following section.

Table 50: 2027–2032 Regional Mitigation Action Plan

Action ID	Mitigation Action	Goal(s)	Jurisdiction(s)	Hazard(s)	Vulnerability / Impact Addressed	Responsible Position, Office, Department, or Agency	Potential Partners	Potential Funding Source(s)	Timeframe	Estimated Cost	Priority
FCA-DF-01	Update dam-failure warning, evacuation, and public-information procedures for inundation areas.	1, 3, 4, 5	Applicable participating jurisdictions, as selected in county annex matrix	Dam Failure	People, critical facilities, roads, and utilities in inundation areas.	Local emergency management	Five County AOG ¹³⁰ ; counties; municipalities; state/federal agencies; utilities or special districts, as applicable	Local department budget ¹³¹¹³²	Short term; annual review	Low	High
FCA-DF-02	Formalize real-time communication protocols with dam owners, state partners, and upstream and downstream jurisdictions.	1, 4, 5	Applicable participating jurisdictions, as selected in county annex matrix	Dam Failure	Delayed notification and fragmented interagency coordination.	Local emergency management	Five County AOG; counties; municipalities; state/federal agencies; utilities or special districts, as applicable	Local department budget	Short term; annual exercise	Low	High
FCA-DF-03	Assess critical infrastructure and development exposure within	1, 2, 4	Applicable participating jurisdictions, as selected in	Dam Failure	Critical facilities and future development	Planning and emergency management	Five County AOG; counties; municipalities; state/federal	Local capital budget; FEMA HMGP for eligible	Medium term	Moderate	Moderate

¹³⁰ FCAOG = Five County Association of Governments¹³¹ FEMA = Federal Emergency Management Agency¹³² HMA = Hazard Mitigation Assistance

Action ID	Mitigation Action	Goal(s)	Jurisdiction(s)	Hazard(s)	Vulnerability / Impact Addressed	Responsible Position, Office, Department, or Agency	Potential Partners	Potential Funding Source(s)	Timeframe	Estimated Cost	Priority
	mapped dam-inundation areas.		county annex matrix		exposed to inundation.		agencies; utilities or special districts, as applicable	mitigation projects			
FCA-WI-01	Adopt or update Wildland-Urban Interface standards for defensible space, access, water supply, and ignition-resistant construction.	1, 2	Applicable participating jurisdictions, as selected in county annex matrix	Wildfire	Structures and new development in wildfire-prone areas.	Planning/building department	Five County AOG; counties; municipalities; state/federal agencies; utilities or special districts, as applicable	Local planning/building budget; development-review fees	Short term; ongoing enforcement	Low	High
FCA-WI-02	Inventory and reduce hazardous fuels around critical facilities, utilities, roads, and community boundaries.	1, 2, 6	Applicable participating jurisdictions, as selected in county annex matrix	Wildfire	Fuel accumulation threatens life, property, evacuation, and lifelines.	Fire department or public works	Five County AOG; counties; municipalities; state/federal agencies; utilities or special districts, as applicable	Local fire/public works budget; Utah FFSL Community Wildfire Defense Grants; FEMA HMGP for eligible fuels projects	Ongoing; annual milestone	Moderate to High	High
FCA-WI-03	Update wildfire protection, evacuation, post-fire revegetation, and burn-scar	1, 4, 5, 6	Applicable participating jurisdictions, as selected in county annex matrix	Wildfire	Evacuation constraints and post-fire erosion, debris flow, and flooding.	Emergency management/planning	Five County AOG; counties; municipalities; state/federal agencies; utilities or	Local budget; Utah FFSL Community Wildfire Defense Grants for eligible CWPP work; FFSL	Medium term; annual review	Moderate	High

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	stabilization priorities.						special districts, as applicable	Post-Fire Rehabilitation Grant for eligible restoration			
FCA-FL-01	Prepare or update stormwater and drainage master plans and inventory culverts, bridges, washes, and detention facilities.	1, 2	Applicable participating jurisdictions, as selected in county annex matrix	Flooding	Undersized or deteriorated drainage systems and data gaps.	Public works/engineering	Five County AOG; counties; municipalities; state/federal agencies; utilities or special districts, as applicable	Local capital budget; Utah CIB; FEMA HMGP for eligible mitigation projects	Short to medium term	Moderate	High
FCA-FL-02	Construct prioritized drainage, culvert, bridge, detention, channel, erosion-control, and bank-stabilization improvements.	1, 2, 6	Applicable participating jurisdictions, as selected in county annex matrix	Flooding	Flooding and erosion threaten structures, roads, utilities, and access.	Public works/engineering	Five County AOG; counties; municipalities; state/federal agencies; utilities or special districts, as applicable	Local capital budget; Utah CIB; FEMA HMGP for eligible mitigation projects	Medium to long term; phased	High	High
FCA-FL-03	Inspect and maintain drainage channels, culverts, detention facilities, and bridge openings.	1, 2	Applicable participating jurisdictions, as selected in county annex matrix	Flooding	Debris and sediment reduce capacity and increase overtopping.	Public works	Five County AOG; counties; municipalities; state/federal agencies; utilities or	Local public works operations and maintenance budget	Ongoing; semiannual or pre-storm	Low to Moderate	High

Action ID	Mitigation Action	Goal(s)	Jurisdiction(s)	Hazard(s)	Vulnerability / Impact Addressed	Responsible Position, Office, Department, or Agency	Potential Partners	Potential Funding Source(s)	Timeframe	Estimated Cost	Priority
							special districts, as applicable				
FCA-FL-04	Strengthen floodplain, erosion-hazard, riparian-setback, and stormwater standards for development.	1, 2, 6	Applicable participating jurisdictions, as selected in county annex matrix	Flooding	Development may increase exposure or runoff.	Planning/floodplain administration	Five County AOG; counties; municipalities; state/federal agencies; utilities or special districts, as applicable	Local planning budget; development-review fees; FEMA HMGP for eligible code activities	Short term; ongoing	Low	High
FCA-DR-01	Prepare or update a drought-response and water-shortage plan with staged triggers and conservation measures.	2, 3, 4	Applicable participating jurisdictions, as selected in county annex matrix	Drought	Water shortages and unclear response actions.	Water utility/emergency management	Five County AOG; counties; municipalities; state/federal agencies; utilities or special districts, as applicable	Local water utility and emergency-management budgets	Short term; annual review	Low to Moderate	High
FCA-DR-02	Develop or diversify water sources, storage, treatment, conveyance, and emergency interconnections.	2, 4	Applicable participating jurisdictions, as selected in county annex matrix	Drought	Limited redundancy, storage, or treatment capacity.	Water utility/public works	Five County AOG; counties; municipalities; state/federal agencies; utilities or special	Local capital budget; Utah CIB; FEMA HMGP for eligible mitigation projects	Medium to long term	High	High

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							districts, as applicable				
FCA-DR-03	Reduce water demand through leak detection, efficient fixtures, irrigation upgrades, turf replacement, and waterwise landscaping.	2, 3, 6	Applicable participating jurisdictions, as selected in county annex matrix	Drought	High demand and distribution losses.	Water utility/planning	Five County AOG; counties; municipalities; state/federal agencies; utilities or special districts, as applicable	Local water utility budget; utility conservation incentives, where available	Ongoing; annual milestone	Low to Moderate	High
FCA-EQ-01	Inventory and evaluate unreinforced masonry, older public buildings, schools, and critical facilities for retrofit.	1, 2	Applicable participating jurisdictions, as selected in county annex matrix	Earthquake	Collapse, falling hazards, and interruption of essential services.	Building/facilities department	Five County AOG; counties; municipalities; state/federal agencies; utilities or special districts, as applicable	Local capital budget; FEMA HMGP for eligible mitigation projects	Medium term	Moderate to High	High
FCA-EQ-02	Apply seismic codes, flexible utility connections, and equipment anchorage during construction and replacement.	1, 2	Applicable participating jurisdictions, as selected in county annex matrix	Earthquake	Damage to buildings and lifeline systems.	Building department/public works	Five County AOG; counties; municipalities; state/federal agencies; utilities or special districts, as applicable	Local capital budget; FEMA HMGP for eligible mitigation projects	Ongoing with capital projects	Low incremental to High	High

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FCA-EQ-03	Provide recurring earthquake-risk and nonstructural-mitigation outreach.	1, 3	Applicable participating jurisdictions, as selected in county annex matrix	Earthquake	Injury and loss from unsecured contents and limited preparedness.	Emergency management	Five County AOG; counties; municipalities; state/federal agencies; utilities or special districts, as applicable	Local department budget	Ongoing; annual campaign	Low	Moderate
FCA-LS-01	Map, monitor, and evaluate landslide, rockfall, and debris-flow areas affecting development and infrastructure.	1, 2	Applicable participating jurisdictions, as selected in county annex matrix	Landslide	Uncertain slope stability and exposed assets.	Planning/engineering	Five County AOG; counties; municipalities; state/federal agencies; utilities or special districts, as applicable	Local capital budget; FEMA HMGP for eligible mitigation projects	Medium term; periodic monitoring	Moderate	High
FCA-LS-02	Require geotechnical investigation, slope analysis, setbacks, and engineered mitigation near unstable slopes.	1, 2	Applicable participating jurisdictions, as selected in county annex matrix	Landslide	Future development on unstable slopes.	Planning/building department	Five County AOG; counties; municipalities; state/federal agencies; utilities or special districts, as applicable	Local planning/building budget; development-review fees	Short term; ongoing	Low incremental	High

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FCA-LS-03	Stabilize priority public slopes and burn scars using drainage, revegetation, erosion control, or engineered treatments.	1, 2, 6	Applicable participating jurisdictions, as selected in county annex matrix	Landslide	Slope failure, debris flow, erosion, and sediment impacts.	Public works/natural resources	Five County AOG; counties; municipalities; state/federal agencies; utilities or special districts, as applicable	Local capital budget; FEMA HMGP for eligible mitigation projects	Medium term; phased	Moderate to High	Moderate
FCA-PS-01	Require subsurface geotechnical investigation and foundation recommendations where problem soils may affect structures.	1, 2	Applicable participating jurisdictions, as selected in county annex matrix	Problem Soils	Expansive, collapsible, corrosive, or unsuitable soils.	Planning/building department	Five County AOG; counties; municipalities; state/federal agencies; utilities or special districts, as applicable	Local planning/building budget; development-review fees	Ongoing with development review	Low incremental	High
FCA-PS-02	Update problem-soil mapping and inventory locations where soil conditions have damaged assets.	1, 2	Applicable participating jurisdictions, as selected in county annex matrix	Problem Soils	Incomplete data and recurring damage.	Engineering/GIS ¹³³	Five County AOG; counties; municipalities; state/federal agencies; utilities or special districts, as applicable	Local engineering/GIS budget	Medium term	Low to Moderate	Moderate

¹³³ GIS = geographic information system

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FCA-PS-03	Implement site-specific roadway, drainage, foundation, or utility improvements in problem-soil locations.	1, 2	Applicable participating jurisdictions, as selected in county annex matrix	Problem Soils	Damage to infrastructure and property.	Public works/engineering	Five County AOG; counties; municipalities; state/federal agencies; utilities or special districts, as applicable	Local capital budget; Utah CIB; FEMA HMGP for eligible mitigation projects	Medium to long term; phased	Moderate to High	Moderate
FCA-RN-01	Provide recurring radon-risk, testing, and mitigation information through public and partner channels.	1, 3	Applicable participating jurisdictions, as selected in county annex matrix	Radon Gas	Indoor exposure and limited awareness.	Public health/outreach lead	Five County AOG; counties; municipalities; state/federal agencies; utilities or special districts, as applicable	Local public health/outreach budget	Ongoing; annual campaign	Low	Moderate
FCA-RN-02	Test public facilities for radon and mitigate where results exceed applicable action levels.	1, 2	Applicable participating jurisdictions, as selected in county annex matrix	Radon Gas	Potential exposure in public facilities.	Facilities department	Five County AOG; counties; municipalities; state/federal agencies; utilities or special districts, as applicable	Local facilities budget	Short term; retest per protocol	Low to Moderate	High

Action ID	Mitigation Action	Goal(s)	Jurisdiction(s)	Hazard(s)	Vulnerability / Impact Addressed	Responsible Position, Office, Department, or Agency	Potential Partners	Potential Funding Source(s)	Timeframe	Estimated Cost	Priority
FCA-RN-03	Consider radon-resistant new-construction standards or guidance.	1	Applicable participating jurisdictions, as selected in county annex matrix	Radon Gas	Future indoor exposure in new buildings.	Building department	Five County AOG; counties; municipalities; state/federal agencies; utilities or special districts, as applicable	Local planning/building budget; development-review fees	Short term; ongoing	Low incremental	Moderate
FCA-EH-01	Improve cooling options through cooling centers, shade, trees, hydration, and heat-resilient streetscapes.	1, 2, 6	Applicable participating jurisdictions, as selected in county annex matrix	Extreme Heat	Heat exposure among vulnerable populations, workers, and visitors.	Emergency management/facilities	Five County AOG; counties; municipalities; state/federal agencies; utilities or special districts, as applicable	Local facilities/public works budget; Utah CIB for eligible public-facility improvements	Short to medium term	Low to Moderate	High
FCA-EH-02	Develop a heat-response protocol using forecast triggers, facility hours, transportation options, and targeted notifications.	1, 3, 5	Applicable participating jurisdictions, as selected in county annex matrix	Extreme Heat	Limited warning and access to cooling resources.	Emergency management/public health	Five County AOG; counties; municipalities; state/federal agencies; utilities or special districts, as applicable	Local department budget	Short term; annual review	Low	High

Action ID	Mitigation Action	Goal(s)	Jurisdiction(s)	Hazard(s)	Vulnerability / Impact Addressed	Responsible Position, Office, Department, or Agency	Potential Partners	Potential Funding Source(s)	Timeframe	Estimated Cost	Priority
FCA-DW-01	Assess and retrofit vulnerable buildings, roofs, signs, rooftop equipment, communications, and utilities for wind loads.	1, 2	Applicable participating jurisdictions, as selected in county annex matrix	Damaging Winds	Wind damage and interruption of critical services.	Facilities/public works	Five County AOG; counties; municipalities; state/federal agencies; utilities or special districts, as applicable	Local capital budget; FEMA HMGP for eligible mitigation projects	Medium term; phased	Moderate to High	Moderate
FCA-DW-02	Improve wind warning, public guidance, and debris or vegetation management around infrastructure and routes.	1, 2, 3, 5	Applicable participating jurisdictions, as selected in county annex matrix	Damaging Winds	Falling trees, debris, outages, and limited warning.	Emergency management/public works	Five County AOG; counties; municipalities; state/federal agencies; utilities or special districts, as applicable	Local department budget	Ongoing; annual milestone	Low to Moderate	Moderate
FCA-HA-01	Evaluate hail exposure and use impact-resistant roofing, glazing, and equipment protection during replacement or construction.	1, 2	Applicable participating jurisdictions, as selected in county annex matrix	Hail	Roof, glazing, equipment, and vehicle damage.	Facilities/building department	Five County AOG; counties; municipalities; state/federal agencies; utilities or special districts, as applicable	Local capital budget; FEMA HMGP for eligible mitigation projects	Ongoing with replacement cycles	Moderate	Moderate

Action ID	Mitigation Action	Goal(s)	Jurisdiction(s)	Hazard(s)	Vulnerability / Impact Addressed	Responsible Position, Office, Department, or Agency	Potential Partners	Potential Funding Source(s)	Timeframe	Estimated Cost	Priority
FCA-HA-02	Provide hail preparedness and property-protection information to residents, businesses, agriculture, and facility managers.	1, 3	Applicable participating jurisdictions, as selected in county annex matrix	Hail	Limited awareness of protective measures.	Emergency management/outreach lead	Five County AOG; counties; municipalities; state/federal agencies; utilities or special districts, as applicable	Local department budget	Ongoing; annual campaign	Low	Low
FCA-TL-01	Install lightning and surge protection, grounding, backup power, and communications safeguards at critical facilities.	1, 2, 5	Applicable participating jurisdictions, as selected in county annex matrix	Thunderstorms and Lightning	Lightning damage, outages, and disruption of essential services.	Facilities/IT ¹³⁴ /public works	Five County AOG; counties; municipalities; state/federal agencies; utilities or special districts, as applicable	Local capital budget; FEMA HMGP for eligible mitigation projects	Medium term; phased	Moderate	High
FCA-TL-02	Use alerts, signage, and operating procedures at parks, schools, pools, events, and exposed outdoor locations.	1, 3, 5	Applicable participating jurisdictions, as selected in county annex matrix	Thunderstorms and Lightning	Outdoor lightning exposure and limited warning.	Parks/emergency management	Five County AOG; counties; municipalities; state/federal agencies; utilities or special districts, as applicable	Local department budget	Short term; seasonal review	Low	Moderate

¹³⁴ IT = information technology

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FCA-TO-01	Maintain tornado and severe-thunderstorm alerts, shelter guidance, and protective-action messaging.	1, 3, 5	Applicable participating jurisdictions, as selected in county annex matrix	Tornadoes	Rapid-onset wind, debris, and limited shelter awareness.	Emergency management	Five County AOG; counties; municipalities; state/federal agencies; utilities or special districts, as applicable	Local department budget	Ongoing; annual campaign	Low	Moderate
FCA-TO-02	Evaluate safe-room or hardened-space options during construction or major renovation of community facilities.	1, 2, 5	Applicable participating jurisdictions, as selected in county annex matrix	Tornadoes	Lack of protected space in vulnerable facilities.	Facilities/building department	Five County AOG; counties; municipalities; state/federal agencies; utilities or special districts, as applicable	Local capital budget; FEMA HMGP for eligible mitigation projects	Long term; opportunity based	High	Low to Moderate
FCA-WS-01	Prioritize snow and ice control routes serving critical facilities, schools, and isolated communities.	1, 2, 5	Applicable participating jurisdictions, as selected in county annex matrix	Winter Storms	Road closures, isolation, and delayed response.	Public works/roads department	Five County AOG; counties; municipalities; state/federal agencies; utilities or special districts, as applicable	Local roads operations and maintenance budget	Ongoing; annual pre-season review	Moderate	High

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FCA-WS-02	Assess roofs, power, water, and critical facilities for snow, ice, and cold vulnerabilities and implement retrofits.	1, 2, 5	Applicable participating jurisdictions, as selected in county annex matrix	Winter Storms	Roof loading, frozen systems, outages, and interruption.	Facilities/public works	Five County AOG; counties; municipalities; state/federal agencies; utilities or special districts, as applicable	Local capital budget; FEMA HMGP for eligible mitigation projects	Medium term; phased	Moderate to High	Moderate
FCA-MH-01	Update emergency operations, continuity, evacuation, warning, and interoperable communications using current risk information.	1, 3, 4, 5	Applicable participating jurisdictions, as selected in county annex matrix	Multiple Hazards	Cross-hazard warning, evacuation, coordination, and continuity gaps.	Emergency management	Five County AOG; counties; municipalities; state/federal agencies; utilities or special districts, as applicable	Local department budget	Short term; annual review	Low to Moderate	High
FCA-MH-02	Protect essential services through backup power, redundant communications, fuel planning, hardening, and mutual aid.	2, 4, 5	Applicable participating jurisdictions, as selected in county annex matrix	Multiple Hazards	Power and communications failure affecting critical services.	Facilities/emergency management	Five County AOG; counties; municipalities; state/federal agencies; utilities or special districts, as applicable	Local capital budget; FEMA HMGP for eligible mitigation projects	Medium term; phased	Moderate to High	High

Action ID	Mitigation Action	Goal(s)	Jurisdiction(s)	Hazard(s)	Vulnerability / Impact Addressed	Responsible Position, Office, Department, or Agency	Potential Partners	Potential Funding Source(s)	Timeframe	Estimated Cost	Priority
FCA-MH-03	Integrate hazard data and actions into general plans, capital programs, development review, budgets, and asset management.	1, 2, 4, 6	Applicable participating jurisdictions, as selected in county annex matrix	Multiple Hazards	Risk information is not consistently used in decisions.	Planning/administration	Five County AOG; counties; municipalities; state/federal agencies; utilities or special districts, as applicable	Local department budget	Ongoing; annual milestone	Low	High
FCA-DF-04	Rehabilitate, stabilize, or otherwise reduce failure risk at priority high-hazard dams through owner-led engineering, permitting, construction, and long-term maintenance.	1, 2, 4	Affected dam owners and participating jurisdictions identified in county annex matrix	Dam Failure	Dam condition or appurtenant works may threaten downstream people, property, and lifelines.	Dam owner/operator	Affected counties and municipalities; Utah dam-safety partners; emergency management	Owner capital program; Utah state programs; FEMA HHPD ¹³⁵ or other eligible funding	Medium to long term; phased	High	High
FCA-FL-05	Voluntarily acquire, relocate, or retrofit repeatedly flooded or	1, 2, 6	Applicable participating jurisdictions identified in	Flooding	Structures with severe or repetitive flood exposure.	Floodplain administration or local project lead	Property owners; county; Utah; FEMA	Local match; FEMA FMA, ¹³⁶ HMGP, ¹³⁷ or other eligible funding	Medium to long term	High	Moderate

¹³⁵ HHPD = Rehabilitation of High Hazard Potential Dams grant program

¹³⁶ FMA = Flood Mitigation Assistance

¹³⁷ HMGP = Hazard Mitigation Grant Program

Action ID	Mitigation Action	Goal(s)	Jurisdiction(s)	Hazard(s)	Vulnerability / Impact Addressed	Responsible Position, Office, Department, or Agency	Potential Partners	Potential Funding Source(s)	Timeframe	Estimated Cost	Priority
	severely at-risk structures and preserve acquired land as open space when feasible.		county annex matrix								
FCA-DR-04	Support agricultural drought resilience through irrigation efficiency, soil-moisture conservation, drought-tolerant practices, producer outreach, and promotion of applicable crop insurance.	2, 3, 6	Applicable counties and agricultural jurisdictions identified in county annex matrix	Drought	Agricultural production, soils, water demand, and farm income exposed to drought.	County extension or conservation lead	USU ¹³⁸ Extension; conservation districts; NRCS ¹³⁹ ; agricultural producers	Local and producer funds; NRCS or other eligible agricultural programs	Ongoing; annual implementation milestone	Low to Moderate	Moderate
FCA-EH-03	Develop and publish a current list of public cooling locations and operating procedures for activation during	1, 3, 5	Applicable participating jurisdictions identified in county annex matrix	Extreme Heat	Residents and visitors may lack access to climate-controlled space during dangerous heat.	Emergency management or public health	Libraries; senior centers; schools; community organizations	Local budget; public health or other eligible grants	Short term; verify annually before heat season	Low	High

¹³⁸ USU = Utah State University

¹³⁹ NRCS = Natural Resources Conservation Service

Action ID	Mitigation Action	Goal(s)	Jurisdiction(s)	Hazard(s)	Vulnerability / Impact Addressed	Responsible Position, Office, Department, or Agency	Potential Partners	Potential Funding Source(s)	Timeframe	Estimated Cost	Priority
	severe heat events.										
FCA-WI-04	Develop and distribute a locally tailored wildfire mitigation toolkit for unincorporated communities and neighborhoods, including guidance for local committees, defensible space, and fuels projects.	1, 3, 4	Applicable counties and municipalities identified in county annex matrix	Wildfire	Residents and local groups need actionable guidance and coordination support.	County emergency management or fire service	Fire districts; FFSL ¹⁴⁰ ; community councils; property owners	County budget; state wildfire programs; eligible grants	Short term; update annually	Low to Moderate	High
FCA-FL-06	Assess detention basins and river or wash crossings at identified priority locations; repair, expand, or replace deficient infrastructure	1, 2, 4	Applicable participating jurisdictions identified in county annex matrix	Flooding	Detention and crossing capacity may be inadequate for current or future runoff and debris loads.	Public works/engineering	County; municipalities; UDOT ¹⁴¹ ; NRCS	Local capital budget; CIB ¹⁴² ; CDBG ¹⁴³ ; FEMA or other eligible grants	Medium term; phased	Moderate to High	High

¹⁴⁰ FFSL = Utah Division of Forestry, Fire and State Lands

¹⁴¹ UDOT = Utah Department of Transportation

¹⁴² CIB = Permanent Community Impact Fund Board

¹⁴³ CDBG = Community Development Block Grant

Action ID	Mitigation Action	Goal(s)	Jurisdiction(s)	Hazard(s)	Vulnerability / Impact Addressed	Responsible Position, Office, Department, or Agency	Potential Partners	Potential Funding Source(s)	Timeframe	Estimated Cost	Priority
	based on findings.										
FCA-LS-04	Prepare and distribute landslide and rockfall risk information for residents, developers, real-estate professionals, and new property owners in mapped hazard areas.	1, 3	Applicable participating jurisdictions identified in county annex matrix	Landslide	Property owners may be unaware of slope, rockfall, and debris-flow hazards and mitigation options.	Emergency management or planning	Utah Geological Survey; developers; real-estate professionals	Local budget; Utah state programs; eligible grants	Short term; update periodically	Low	Moderate
FCA-LS-05	Inventory riverbank and slope stability at priority locations and implement bank stabilization or slope treatments where instability threatens infrastructure or development.	1, 2, 6	Applicable participating jurisdictions identified in county annex matrix	Landslide; Flooding	Erosion and unstable banks or slopes threaten roads, utilities, property, and waterways.	Public works/engineering	NRCS; UGS ¹⁴⁴ ; landowners; affected municipalities	Local capital budget; NRCS; FEMA or other eligible grants	Medium to long term; phased	High	High

¹⁴⁴ UGS = Utah Geological Survey

Action ID	Mitigation Action	Goal(s)	Jurisdiction(s)	Hazard(s)	Vulnerability / Impact Addressed	Responsible Position, Office, Department, or Agency	Potential Partners	Potential Funding Source(s)	Timeframe	Estimated Cost	Priority
FCA-FL-07	Participate in FEMA Risk MAP, ¹⁴⁵ local flood-hazard mapping, and National Flood Insurance Program (NFIP) activities; provide residents and property owners with current flood-risk and NFIP information.	2, 3, 4	Applicable participating jurisdictions identified in county annex matrix	Flooding	Outdated hazard data and limited public understanding of mapped flood risk and insurance options.	Floodplain administrator or planning department	FEMA; Utah Risk MAP Coordinator; county and municipal GIS staff	Local budget; FEMA CTP, ¹⁴⁶ FMA, or other eligible funding	Ongoing; annual outreach and mapping coordination	Low to Moderate	High
FCA-FL-08	Install, improve, or replace low-water crossings, flash-flood warning signs, and roadway drainage controls at documented flood-prone routes.	1, 2, 3	Applicable participating jurisdictions identified in county annex matrix	Flooding	Roadways, crossings, and travelers are exposed to rapidly rising water, washouts, and entrapment.	Public works or roads department	UDOT; county; municipalities; law enforcement	Local capital budget; UDOT programs; CIB; CDBG; FEMA or other eligible funding	Medium term; phased	Moderate to High	High

¹⁴⁵ Risk MAP = Risk Mapping, Assessment, and Planning

¹⁴⁶ CTP = Cooperating Technical Partners

Action ID	Mitigation Action	Goal(s)	Jurisdiction(s)	Hazard(s)	Vulnerability / Impact Addressed	Responsible Position, Office, Department, or Agency	Potential Partners	Potential Funding Source(s)	Timeframe	Estimated Cost	Priority
FCA-FL-09	Develop or update a roadway infrastructure capital improvement plan that prioritizes flood-prone culverts, bridges, crossings, and drainage projects.	2, 4, 5	Applicable counties and municipalities identified in county annex matrix	Flooding	Drainage and transportation improvements are not consistently prioritized or programmed for funding.	Public works/engineering	Planning; finance; UDOT; county and municipal partners	Local budget; CIB; CDBG; UDOT; FEMA or other eligible funding	Short to medium term; update annually	Low to Moderate	High
FCA-FL-10	Design and construct sediment and debris basins, relief drains, spillways, floodways, or other flow-control facilities to delay, meter, store, or safely convey severe runoff.	1, 2, 6	Applicable participating jurisdictions identified in county annex matrix	Flooding; Landslide	High sediment and runoff volumes threaten developed areas, roads, and drainage systems.	Public works/engineering	County; municipalities; NRCS; UDOT; landowners	Local capital budget; CIB; CDBG; NRCS; FEMA or other eligible funding	Medium to long term; phased	High	High

Action ID	Mitigation Action	Goal(s)	Jurisdiction(s)	Hazard(s)	Vulnerability / Impact Addressed	Responsible Position, Office, Department, or Agency	Potential Partners	Potential Funding Source(s)	Timeframe	Estimated Cost	Priority
FCA-DR-05	Evaluate and implement managed aquifer recharge using winter runoff, stormwater, infiltration areas, or conveyance improvements where technically feasible and legally authorized.	2, 4, 6	Applicable water systems and jurisdictions identified in county annex matrix	Drought; Flooding	Water supplies are constrained while seasonal runoff may be lost to evaporation or contribute to flooding.	Water utility or public works	Water conservancy districts; state water agencies; irrigation companies; property owners	Local utility budget; Utah water programs; federal water or infrastructure grants, as eligible	Medium to long term; phased	High	Moderate
FCA-DR-06	Establish, maintain, or expand watershed protection zones and coordinate land-use and septic-density controls to protect source-water quality from hazard-related impacts.	1, 2, 6	Applicable counties, municipalities, and water systems identified in county annex matrix	Drought; Wildfire; Flooding; Landslide	Wildfire, erosion, flooding, development, and septic density may degrade watersheds and water quality.	Planning department or water utility	Health department; conservation districts; land-management agencies; municipalities	Local budget; source-water protection programs; state or federal grants, as eligible	Ongoing; review at least annually	Low to Moderate	High

Action ID	Mitigation Action	Goal(s)	Jurisdiction(s)	Hazard(s)	Vulnerability / Impact Addressed	Responsible Position, Office, Department, or Agency	Potential Partners	Potential Funding Source(s)	Timeframe	Estimated Cost	Priority
FCA-EQ-04	Participate annually in the Great Utah ShakeOut or a comparable earthquake exercise and engage local departments, schools, businesses, and residents.	1, 3, 5	Applicable participating jurisdictions identified in county annex matrix	Earthquake	Limited public practice of earthquake protective actions and organizational coordination.	Emergency management	Schools; businesses; healthcare facilities; community organizations	Local budget; Utah earthquake-preparedness programs	Ongoing; annual exercise	Low	Moderate
FCA-EQ-05	Install safety film or other protective glazing treatments in priority public and critical facilities to reduce injuries from shattered glass during earthquakes.	1, 2	Applicable participating jurisdictions identified in county annex matrix	Earthquake	Unprotected glazing may cause injuries and disrupt facility operations.	Facilities department	Building officials; schools; healthcare facilities; qualified contractors	Local capital budget; FEMA HMA or other eligible funding	Medium term; phased	Moderate	Moderate
FCA-EQ-06	Inspect manholes, sewer lines, water tanks, and other utility assets for land-movement and seismic	1, 2, 4	Applicable participating jurisdictions and utilities identified in	Earthquake; Landslide	Utility assets may fail due to ground shaking, settlement, slope instability,	Public works or utility department	Engineers; special service districts; state technical partners	Utility capital budget; CIB; state or federal infrastructure grants, as eligible	Medium term; phased	Moderate to High	High

Action ID	Mitigation Action	Goal(s)	Jurisdiction(s)	Hazard(s)	Vulnerability / Impact Addressed	Responsible Position, Office, Department, or Agency	Potential Partners	Potential Funding Source(s)	Timeframe	Estimated Cost	Priority
	vulnerabilities and implement prioritized stabilization or retrofit measures.		county annex matrix		or differential movement.						
FCA-LS-06	Install or upgrade rockfall catchment systems, barriers, nets, benches, or related slope-protection measures at documented roadway and infrastructure exposure locations.	1, 2	Applicable participating jurisdictions identified in county annex matrix	Landslide	Rockfall from steep slopes threatens road users, access routes, utilities, and adjacent assets.	Roads department or engineering	UDOT; county; municipalities; UGS; land-management agencies	Local capital budget; UDOT programs; FEMA or other eligible funding	Medium to long term; phased	High	High
FCA-WI-05	Offer voluntary parcel- or home-level wildfire risk assessments and site visits to identify defensible-space, access, vegetation, and structure-	1, 3, 4	Applicable participating jurisdictions identified in county annex matrix	Wildfire	Property owners need site-specific information to reduce structure and vegetation vulnerability.	Fire department or fire service district	FFSL; property owners; insurers; community wildfire councils	Local fire budget; Utah wildfire programs; eligible grants	Ongoing; annual implementation target	Low to Moderate	High

Action ID	Mitigation Action	Goal(s)	Jurisdiction(s)	Hazard(s)	Vulnerability / Impact Addressed	Responsible Position, Office, Department, or Agency	Potential Partners	Potential Funding Source(s)	Timeframe	Estimated Cost	Priority
	hardening opportunities.										
FCA-WI-06	Coordinate recurring community cleanup, mechanical thinning, vegetation maintenance, and irrigation-ditch fuel reduction in wildland-urban interface areas.	1, 2, 3, 6	Applicable participating jurisdictions identified in county annex matrix	Wildfire	Accumulated vegetation and unmanaged ditches can carry wildfire into developed areas.	Fire department or public works	Irrigation companies; property owners; community groups; FFSL	Local budget; in-kind labor; state wildfire programs; eligible grants	Ongoing; seasonal or annual treatment milestone	Low to Moderate	High
FCA-MH-04	Establish agreements with churches, schools, community centers, and other suitable facilities for evacuation, sheltering, cooling, or warming use during hazard events.	1, 3, 5	Applicable participating jurisdictions identified in county annex matrix	Multiple Hazards; Extreme Heat; Winter Storms	Some communities have limited publicly controlled shelter and climate-controlled space.	Emergency management	Faith-based organizations; schools; community organizations; public health	Local budget; emergency-management or public-health grants, as eligible	Short term; review annually	Low	High

Action ID	Mitigation Action	Goal(s)	Jurisdiction(s)	Hazard(s)	Vulnerability / Impact Addressed	Responsible Position, Office, Department, or Agency	Potential Partners	Potential Funding Source(s)	Timeframe	Estimated Cost	Priority
FCA-MH-05	Harden and extend public-safety radio, emergency communications, and notification coverage to remote communities and identified coverage gaps.	1, 2, 5	Applicable counties and municipalities identified in county annex matrix	Multiple Hazards	Remote terrain and system gaps may delay warnings, coordination, and emergency response.	Emergency management or public safety communications	Sheriff; fire and EMS ¹⁴⁷ ; utilities; neighboring jurisdictions; state interoperability partners	Local capital budget; state homeland security or other eligible grants	Medium term; phased	Moderate to High	High
FCA-MH-06	Assess and harden the electric grid and critical energy systems against natural-hazard outages, including sectionalization, redundancy, vegetation management, equipment protection, and backup generation.	1, 2, 4	Applicable participating jurisdictions and utilities identified in county annex matrix	Multiple Hazards; Damaging Winds; Wildfire; Winter Storms	Power loss can interrupt water, wastewater, communications, healthcare, public safety, and other essential services.	Electric utility or facilities department	Municipalities; counties; special service districts; critical-facility operators	Utility capital program; local budget; DOE, ¹⁴⁸ FEMA, or other eligible programs	Medium to long term; phased	High	High

¹⁴⁷ EMS = emergency medical services

¹⁴⁸ DOE = U.S. Department of Energy

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FCA-PS-04	Adopt or update a geologic-hazards ordinance establishing mapping, investigation, disclosure, review, and mitigation requirements for development in identified hazard areas.	1, 2, 4, 6	Applicable counties and municipalities identified in county annex matrix	Problem Soils; Landslide; Earthquake	Development may occur without consistent review of problem soils, slope instability, faulting, or other geologic hazards.	Planning/building department	Utah Geological Survey; geotechnical engineers; legal counsel; developers	Local budget; development-review fees; Utah technical assistance	Short term; ongoing administration	Low to Moderate	High

Detailed jurisdiction-specific actions are provided in the applicable county and community sections. Each action identifies what will be done, where or for whom it will be done when applicable, the hazard and documented risk addressed, and the entity responsible for implementation.