

Summary of Garfield County NHMP Action Items

| Proposed Action Title | Coordinating Organization | Internal Partners | External Partners | Timeline | 1) Reduce the loss of life and personal injuries from natural hazard events. | 2) Reduce damage to County assets | 3) Reduce County costs of disaster response and recovery. | 4) Minimize economic losses. | 5) Reduce damage to personal property. |
|---|-----------------------------------|---|--|------------|--|-----------------------------------|---|------------------------------|--|
| Multi-Hazard Mitigation Action Items | | | | | | | | | |
| Develop maintenance and update processes, in coordination with the other emergency management related plans, and with multi-jurisdictional partners. | County Manager | Public Works Director Sheriff Building and Planning Director Emergency Manager Public Health Director | Municipalities Fire Districts | Ongoing | | | X | | |
| Conduct ongoing public outreach activities during mitigation plan implementation, and in conjunction with the update and maintenance of other emergency management plans. | County Public Information Officer | County Manager Emergency Manager | Public Information Outlets (radio, newspaper, web, etc); PIO Group | Ongoing | X | | | | X |
| Collaborate with neighboring counties and cities with established GIS services to develop Memoranda of Understanding or Service Agreements for the provision of GIS services in the event of staffing issues. | Garfield County GIS | | GIS staff in other jurisdictions: Carbondale, Glenwood, New Castle, Parachute, and Silt have no GIS staff or capabilities. We have provided emergency GIS services for them in the past without an MOU in place. | Short Term | | | X | | |
| Develop, enhance, and implement education programs aimed at mitigating natural hazards, and reducing the risk to citizens and private property owners, owner's associations, public agencies, businesses, and schools. Coordinate with participating towns, cities, and fire districts on outreach inside of their jurisdictions. Coordinate implementation efforts with the update of recovery and other emergency management plans, as appropriate. | Public Information Officer | Director of Public Health Director of Human Services Information Technology (website) | Colorado Mountain College Multi-jurisdictional Agencies Public libraries PIO Group | Ongoing | X | | | X | X |
| Collaborate with regional, state, and federal agencies, and private industry to increase the extent of data available for hazard mapping, e.g., floodplain, landslide and debris flow, fire hazard, hazardous or volatile material. | Garfield County GIS | Emergency Manager | FEMA, Oil and Gas industry, Bureau of Land Management, University of Colorado | Ongoing | | X | | | X |
| Continue to develop and maintain a GIS inventory of hazard risks and vulnerable assets, to include all critical facilities, large employers, public assembly areas, lifelines, and mitigation successes. Reflect results in a continuously updated on-line Risk Assessment. | Garfield County GIS | County Engineer | | Ongoing | X | X | | | X |
| Evaluate lifeline and evacuation routes to identify any necessary mitigation actions to ensure that they remain viable in any emergency situation requiring evacuation. | Emergency Manager | GIS Public Works | CDOT | Short Term | X | | X | | X |
| Establish critical infrastructure protection plans. | Emergency Manager | Building and Planning GIS | Municipalities Rubicon Team | Long Term | | X | | | |
| Flood Mitigation Action Items | | | | | | | | | |
| Emphasize critical public infrastructure and facilities located in special flood hazard areas for mitigation and preparedness measures. | Emergency Manager | GIS Public Works | Municipalities | Short Term | X | X | | | |

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| Identify floodway obstructions for all parts of Garfield County. Integrate with Pubworks (GIS software) to map obstructions and track progress toward reducing obstructions. | Public Works | GIS Emergency Manager Public Works | State Department of Emergency Management FEMA | Long Term | | X | | | X |
| Ensure continued compliance in the National Flood Insurance Program (NFIP) through enforcement of local floodplain management ordinances. | Building and Planning | County Manager | State Department of Emergency Management, National Flood Insurance Program, Federal Emergency Management Agency | Ongoing | | X | X | | X |
| Continue to incorporate hazard mapping information into development review process to avoid or reduce risk of development in flood hazard areas. | Building and Planning | GIS Emergency Manager Building and Planning | State Department of Emergency Management FEMA | Ongoing | | X | X | X | X |

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| <i>Geologic Hazard Mitigation Action Items</i> | | | | | | | | | |
| Review and evaluate development codes to incorporate soil type in addition to slope as a criterion for further environmental studies before permitting. | Building and Planning | Chief Building Official | State Geologists | Long Term | | | | | X |
| Partner with Colorado Geological Survey to enhance mapping of Garfield County landslide, debris flow and soil instability risk areas, especially in areas of more recent residential development (Roaring Fork and Colorado River Valleys; Areas 1 - 3). | Emergency Manager | GIS Oil and Gas Liaison | State Geologists | Long Term | | X | | | X |
| Reduce impacts of landslides on existing developments by developing a tool kit for homeowners regarding resources that are available for risk reduction. | Building and Planning | Public Works Chief Building Official GIS | Division of Housing Colorado Geological Survey | Long Term | X | X | | | X |
| Conduct engineering studies to identify feasible mitigation actions for high activity landslide or debris flow areas. | Emergency Manager | Engineering GIS | Colorado Division of Emergency Management | Long Term | X | X | | | X |
| <i>Wildfire Mitigation Action Items</i> | | | | | | | | | |
| Support existing cross training efforts that coordinate industry and fire district response to fires affecting the oil and gas fields. | Emergency Manager | Oil and Gas Liaison Building and Planning Public Works | Fire Districts State Department of Emergency Preparedness Colorado Oil and Gas Conservation Commission | Ongoing | | | X | | |
| Continue to update the database of the location of industry assets for use by fire responders (industry or fire protection district personnel) in real time. Transfer data for use in Emergency Responders vehicles. | Emergency Manager | Oil and Gas Liaison Building and Planning GIS | COGCC Fire Departments | Ongoing | | | X | | |
| Increase coordination among mitigation planning efforts and actions with the soon-to-be-developed County-wide Community Wildfire Protection Plan (CWPP). Coordinate future updates of the mitigation plan with the CWPP updates. | Emergency Manager | GIS | Fire Protection Districts State Forest Service | Ongoing | | X | | X | X |
| Ensure that all areas of Garfield County are served by a fire protection district. | Sheriff | GIS Emergency Manager Assessor | Fire Districts | Long Term | X | | X | | |

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| <i>Actions to Enhance Response Capabilities</i> | | | | | | | | | |
| Continue to implement the Infectious Disease Action Plan. | Garfield County Public Health Department | Emergency Manager | Hospital Districts EMS | Ongoing | X | | X | | |
| Create in-house training for Department Heads and Steering Committee members. | County Manager | Emergency Manager Human Resources | CMC, FEMA Colorado Division of Emergency Management | Short Term | | X | X | | |
| Develop an ESF-14 Communication Plan | Public Information Officer | County Manager Emergency Management Team | Public information outlets PIO Group | Short Term | | X | X | | |
| Develop a debris management plan with a defined transition team | Public Works | Emergency Manager Procurement Landfill | Private Contractors CDOT Landowner(s) | Short Term | | | X | | |
| Develop a response and recovery plan specifically for hazardous material spills | Emergency Manager | Public Health Public Information Officer Sheriff (DERA) | CDPHE Fire Departments Colorado State Patrol (Hazmat Unit) | Long Term | X | | X | | |
| Update the Airport Emergency Procedures Manual and create 72 hour Emergency Operations List | Airport Director | County Manager | FAA FBO | Short Term | | X | X | | |