

Mitigation Financing

State Hazard Mitigation Officer (SHMO)

- Assess hazards and identify mitigation measures to reduce risk
- Develop Utah Hazard Mitigation Plan to protect people, property, and critical infrastructure
- Assist local mitigation planners to develop Mitigation Plans and identify cost-effective options
- Oversee FEMA Mitigation
 Funding



Hazard Mitigation Assistance (HMA)

Pre-Disaster Mitigation Competitive (PDM) Grant

Yearly Grant 75/25 Match \$4 Million Cap

Flood Mitigation Assistance (FMA)

Yearly Grant 75/25 Match \$4 Million Cap Flood Specific Take properties out of flood area

Hazard Mitigation Grant Program (HMGP)

Post disaster funding 15%-20% of total FEMA Disaster

Climate Resilient Mitigation Activities (CRMA) Initiative

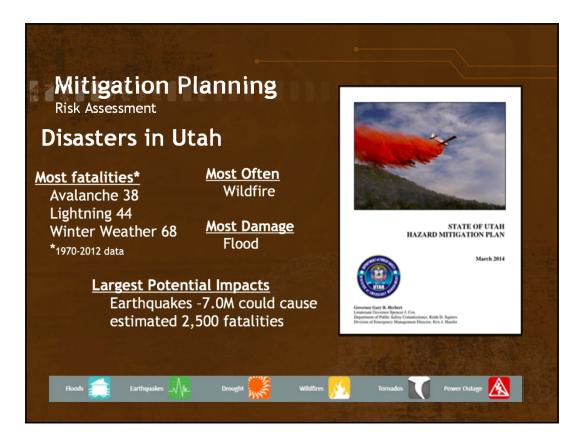
Supporting communities in increasing resilience and adapting to climate change impacts

Green Infrastructure

Mitigation Project Criteria

- •Protects lives and reduces public risk.
- Addresses repetitive or significant risk problem
- Demonstrates benefit to cost ratio of 1:1 or greater
- •Is most practical, effective, and environmentally sound option
- Supports Utah mitigation goals and objectives
- Reduces vulnerability of existing structures to disasters
- Provides long-term mitigation solution
- •Has affordable operation and maintenance costs

MUST HAVE OR HAVE PARTICIPATED IN A MITIGATION PLAN





<section-header>Success StoriesDifigation PlansNordan Valley WCD - 3
Ceber Basin WCD - 5
Snderville Basin WRD - 1\$5,471,250,00
\$2,084,300,00
\$2,032,3500Muray School District - 3\$3,084,052,00

Eunding					
Funding					
Project	Local Share	Federal	Share	Total	
JVWCD High Rise	\$597,250.00	\$1,791,750.00		\$2,389,000.0	00
JVWTP Filter Gallery & Chemical Control Buildings Seismic Retrofit	\$546,500.00	\$1,639,500.00		\$2,186,000.0	00
JVWCD Headquarters Complex Seismic Retrofit	\$680,000.00	\$2,040,000.00		\$2,720,000.0	00
Project	Local Share		Fede	eral Share	Total
Weber Basin Water Conservancy District Plan	\$140,143.96		\$12	23,817.24	\$263,961.20
2010 Weber Basin Nonstructural seismic retrofit	\$30,550.00		\$91,650.00		\$122,200.00
2010 Weber Basin Filter Building #4	\$255,799.75		\$767,399.25		\$1,023,199.00
Weber Basin Water Culinary Wells Multihazard Mitigation Project	\$69,485.75		\$208,457.25		\$277,943.00
Weber Basin Water 12MG Tank	\$23,505.00		\$70,515.00		\$94,020.00
Weber Basin Water WTP Backwash Tanks Retrofit	\$169,806.00		\$244,938.00		\$414,744.00

Tips for Financing Resilience Mitigation for Water and Wastewater Utilities

- Write a Mitigation Plan
- Prioritize
- Match
- BCA
- Engineering
- Have a Mitigation Plan



Brad Bartholomew

Disaster Mitigation & Recovery The future will NOT be like

the past.

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https://uthazardmitigation.wordpress.com/