



Planning for Community Resilience Through Hazard Mitigation



Outline

- Community Resilience
- Addressing Vulnerability Through Emergency Management
- Hazard Mitigation Planning




Thought to Start With...

“Occurrences in this domain are beyond the reach of exact prediction because of the variety of factors in operation, not because of any lack in order of nature.”

– Albert Einstein



What is Community Resilience?

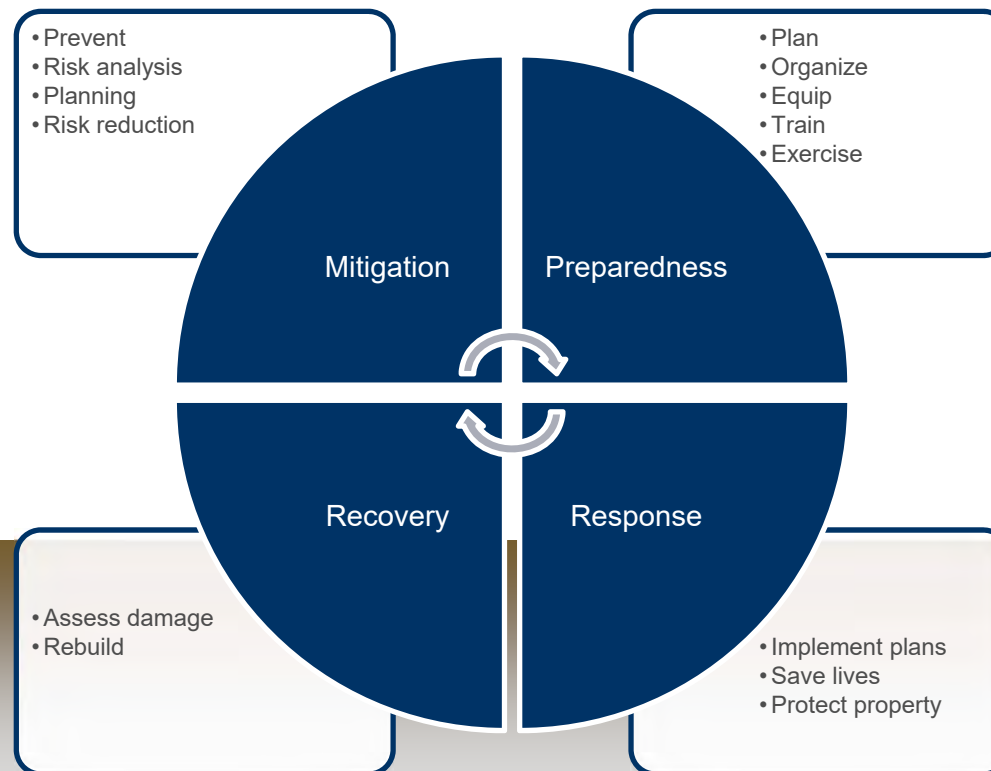
- The ability of a system to absorb changes and maintain itself.
 - The ability of a system to rapidly bounce back from some impact.
- 



Elements of Community Resilience

- Ability of a community to absorb the impacts of disaster events.
- Rapidly recover from disaster events.
- Reduce vulnerabilities through adaptive strategies.

Emergency Management





Emergency Management

1. Mitigation

- Identify vulnerabilities & impacts
- Develop strategies to manage risk

2. Preparedness

- Identify residual risk
- Develop strategies to address residual risk

3. Response / Recovery

- Implement strategies
- Lessons learned / process improvement



Hazard / Threat



The Mitigation Plan

- Strategic approach to manage community vulnerability to hazards.
- Deliberate and on-going process
- Risk-informed
- Collaborative
- Community focused decision-making aid
- Mitigation actions



Mitigation Planning

1. Organize the process & resources.
2. Assess risks and capabilities
3. Develop the mitigation strategy
4. Adopt and implement
5. Update & maintain



Importance of the Risk Assessment

- Basis for all the entire planning effort
- Informs decision making

“Risk comes from not knowing what you are doing.” –Warren Buffet



The Mitigation Planning Team

- Community Effort
- Stakeholder engagement
- Public input



Importance of Community Involvement

- Increase public awareness and understanding of vulnerabilities
- Build partnerships
- Identify & evaluate full spectrum of alternatives
- Gain support for strategies
- Tap into community capacity

Mitigation Actions



Proactive

- Land use planning
- Codes /enforcement



Reactive

- Home elevations
- Acquisitions
- Drainage projects



Outreach

- Risk communication
- Public education



Mitigation Plan Benefits

- Aid in recovery decision making
- Risk communication
- CRS Credits
- Eligibility for FEMA mitigation programs



Teton Creek Example

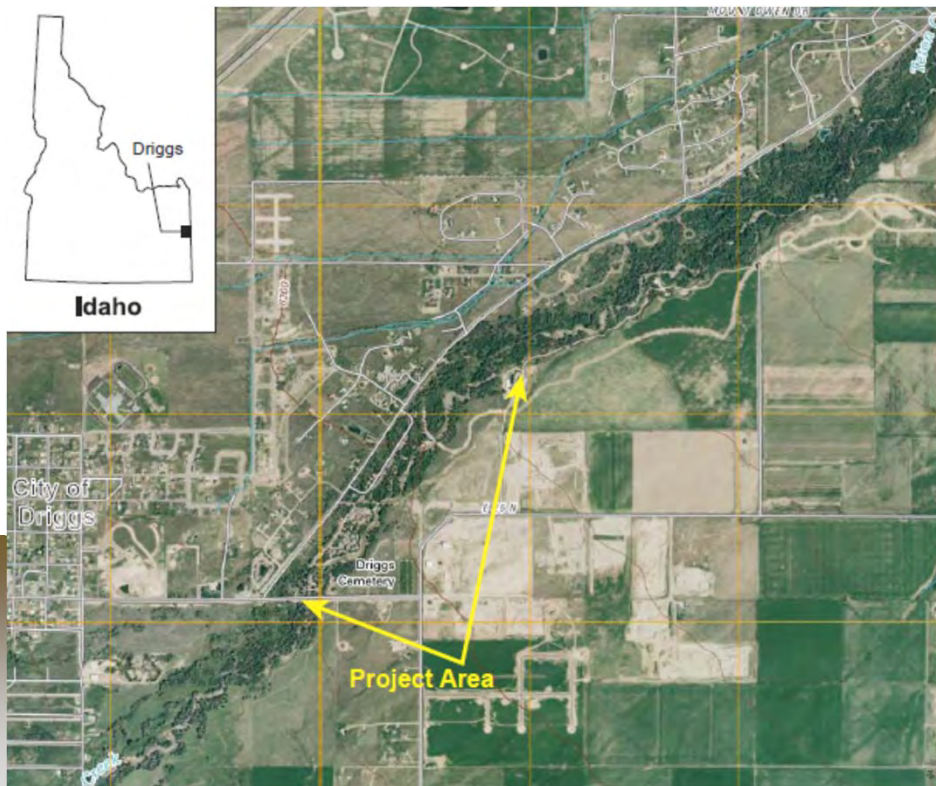




Teton Creek Partners

- Teton County
- City of Driggs
- Friends of the Teton River
- Teton Valley Trails & pathways
- Teton Regional Land Trust
- Community Foundation of Teton County
- American Rivers
- Idaho Office of Emergency Management
- FEMA

Teton Creek Project





Teton Creek

- 4 phase project
- Multiple complimentary objectives
- Stabilize 1.2 miles of stream channel along Teton Creek.
- Bioengineering and habit restoration



Teton Creek Project





Parting Thought ...

“Risk management is not about future decisions, but about the future of decisions we must make now.” – Robert N. Charrette





Questions?

