



Montana Ready --- Communities Initiative



Helena Area Resilience Summit
Montana Department of Commerce
June 27th , 2018 from 4-6:30pm
Lewis & Clark Library

MONTANA

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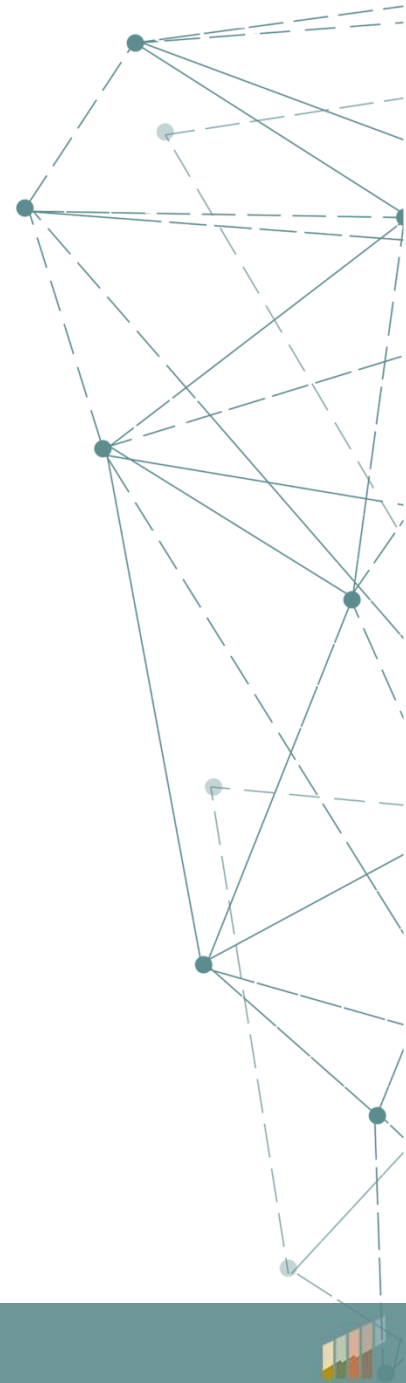
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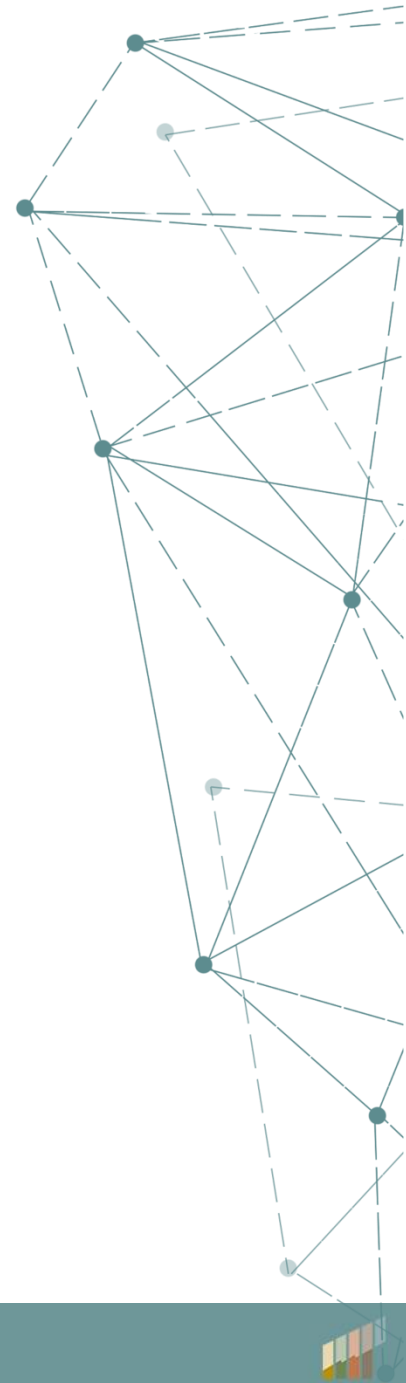
Overview and Introductions

- Agenda overview
- Goals for Summit
- Restrooms and breaks
- Introductions



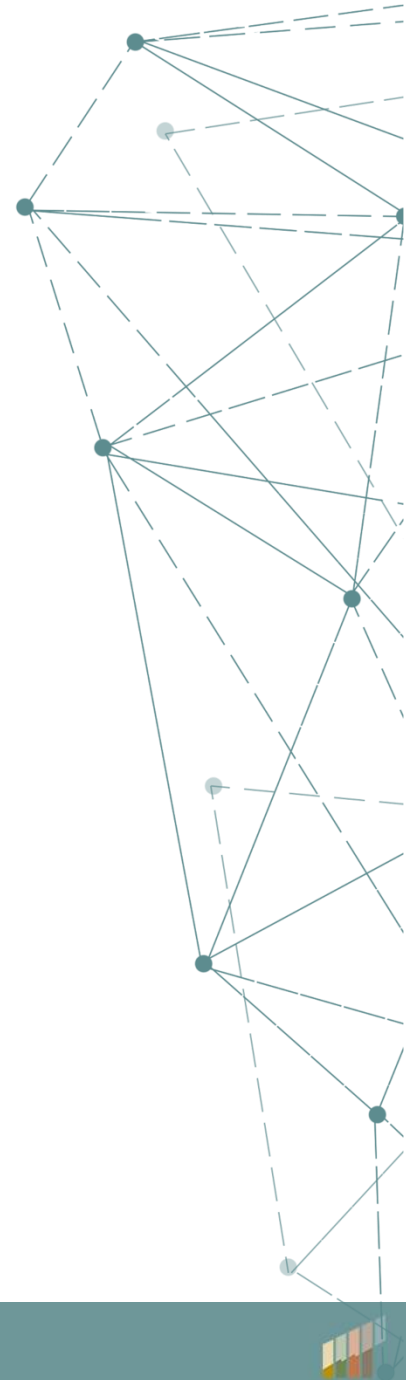
Summit Expectations

- All attendees will have an opportunity to share
- We are here to facilitate, not advise on technical aspects
- We will stay on schedule by keeping conversation focused and on topic
- Everyone's experience will be respected



What is Resilience?

- **The capacity of individuals, communities, and systems to survive, adapt, and grow amidst stressors and shocks**
 - Holistic community approach
 - Not only prepares communities for future adverse events, but also improves conditions today



Resilience

Shocks and Stressors

Chronic Stressors:

A chronic stress refers to an ongoing environmental, social, or economic issue that results in an inefficient system of community cooperation. These stressors weaken the fabric of a community and magnify the effects of man-made or natural disasters

Ex. - Poverty, Climate Change, Low-Performing Education Systems, Non-Diverse Economy



Resilience

Shocks and Stressors

Acute Shocks:

An acute shock refers to a high-impact, short-term event that may significantly affect basic services, public safety or the environment. Shocks are commonly thought of as natural disasters, but also encompass economic and other social events

Ex. Wildfires, Flooding Events, Economic Crisis, Industry/Plant Closure, Earthquakes, Drought, Cyber Attacks



Resilience

By addressing both the shocks and the underlying stressors, communities are better able to respond to adverse events and deliver basic functions in both good times and bad, to all populations

-100 Resilient Cities, The Rockefeller Foundation



The
**ROCKEFELLER
FOUNDATION**



What words describe a resilient community?



A resilient community...

...is knowledgeable, healthy and can meet basic needs of citizens

...is socially cohesive and connected

...has economic opportunities

...has well-maintained and accessible infrastructure and services

...effectively manages its natural assets

...proactively plans for and considers adverse events



Resilience Examples

Wildfire resilience in Helena's South Hills

- City of Helena has received grants for fuels reduction in the public lands south of town
- City partners with Montana Conservation Corps to help with thinning
- Local church volunteers split logs and distribute firewood to individuals and families with low-income

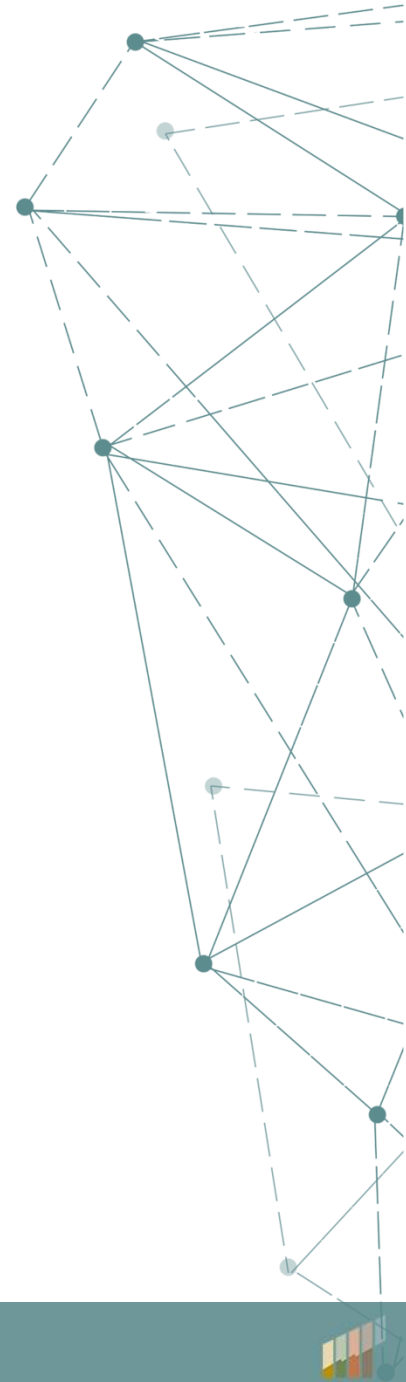
Resilience:

- Wildfire Mitigation
- Youth engagement
- Direct services to population with low-income



Resilience Examples

Other local examples?



Resilience Cost Benefit

Colorado Floods 2013

Because of actions, such as resilient land use policies, FEMA estimates that:

- \$139 million flood losses avoided across three counties due to adoption of building regulations
- \$5 million investments in stream channel improvement through Pre-Disaster Mitigation Program grant in 2012 saved City of Longmont \$22 million in damages



Goals for Montana Ready Community Initiative (MRCI)

- Build a statewide Resilience Framework
 - Engage Local Stakeholders
 - Identify needs
 - Cultivate Communication and Cooperation between State Agencies
 - Identify Actions
- Build an online public resilience resource

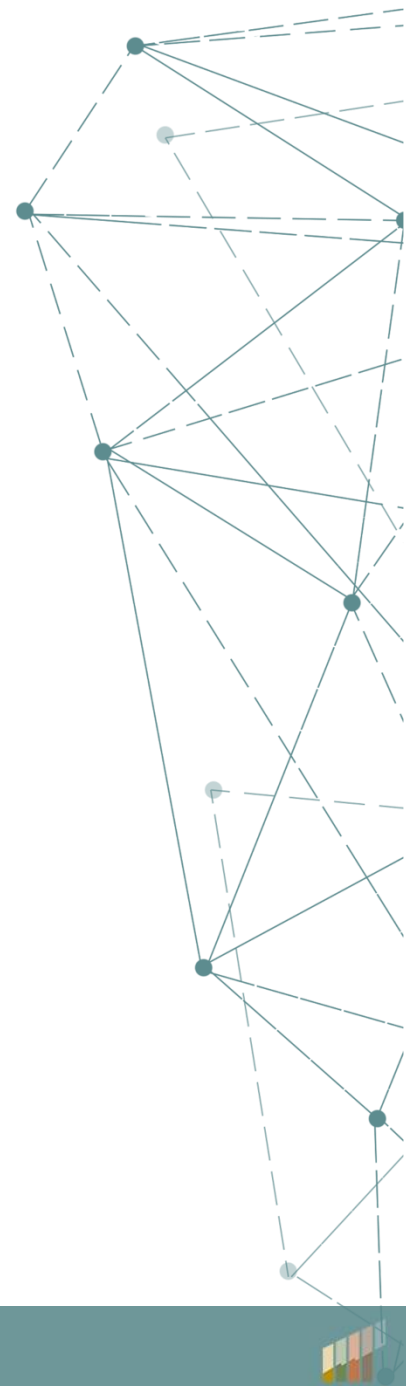


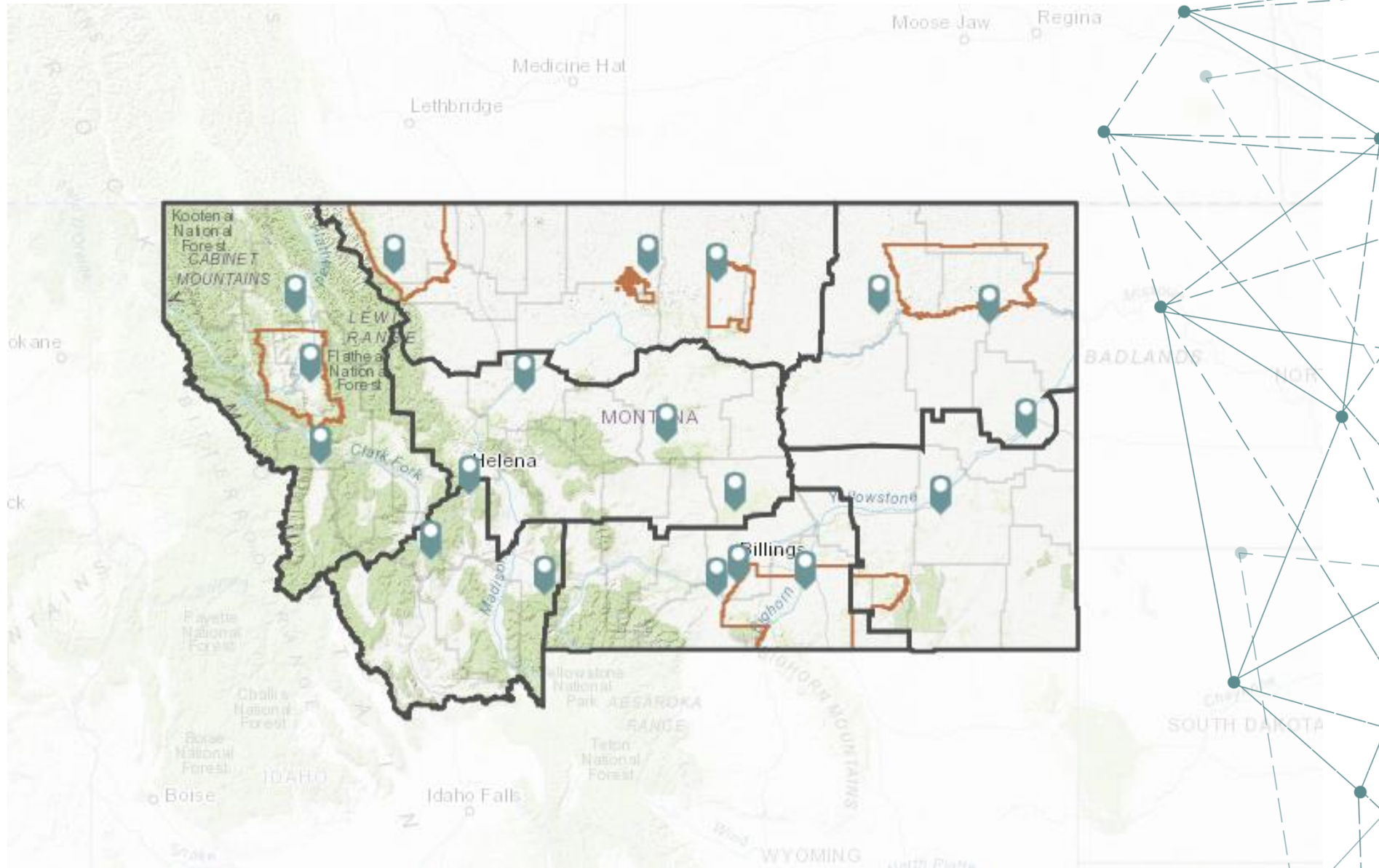
Engage Local Stakeholders

Statewide Resilience Survey

- Another option for providing input on local shocks, stressors and community resilience efforts
- Open through August 31

www.surveymonkey.com/r/MTRReady



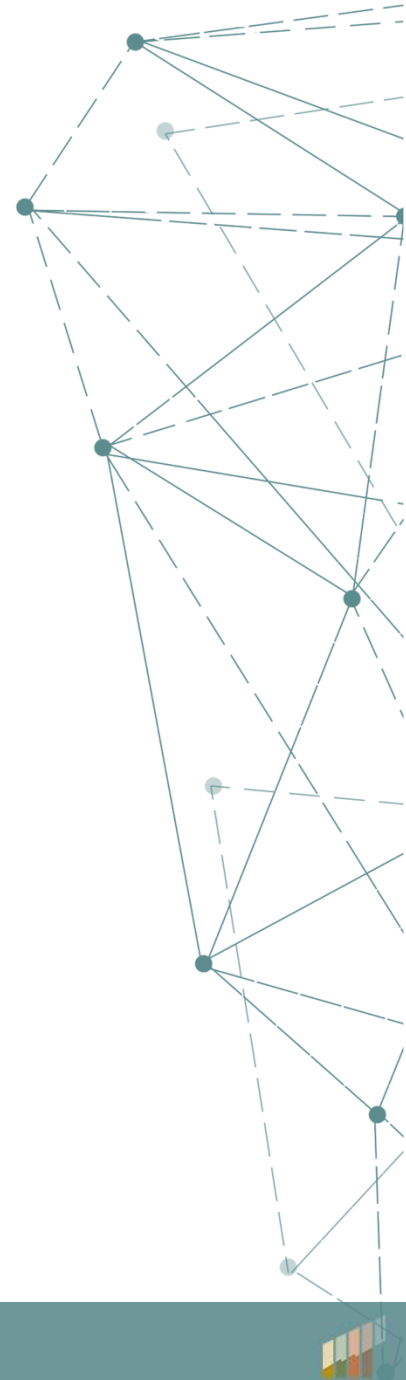


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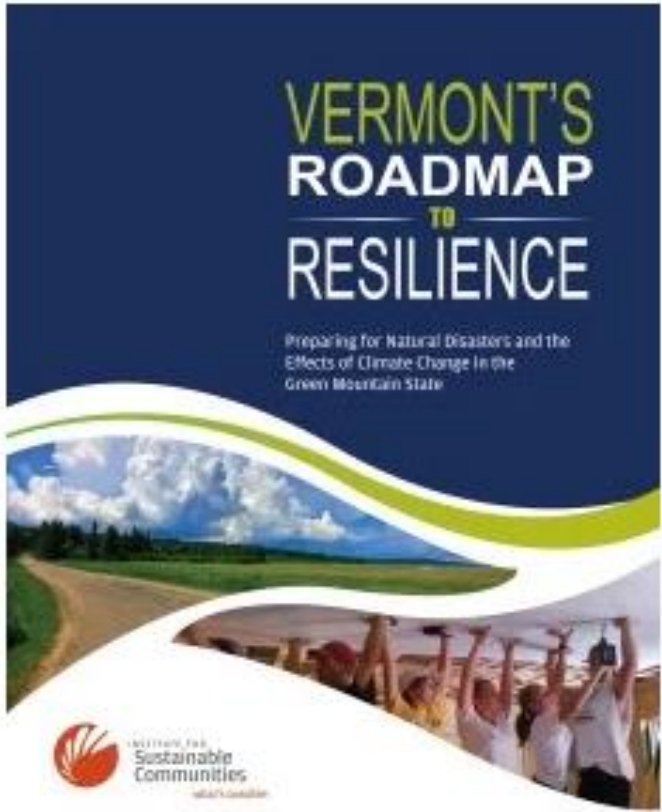
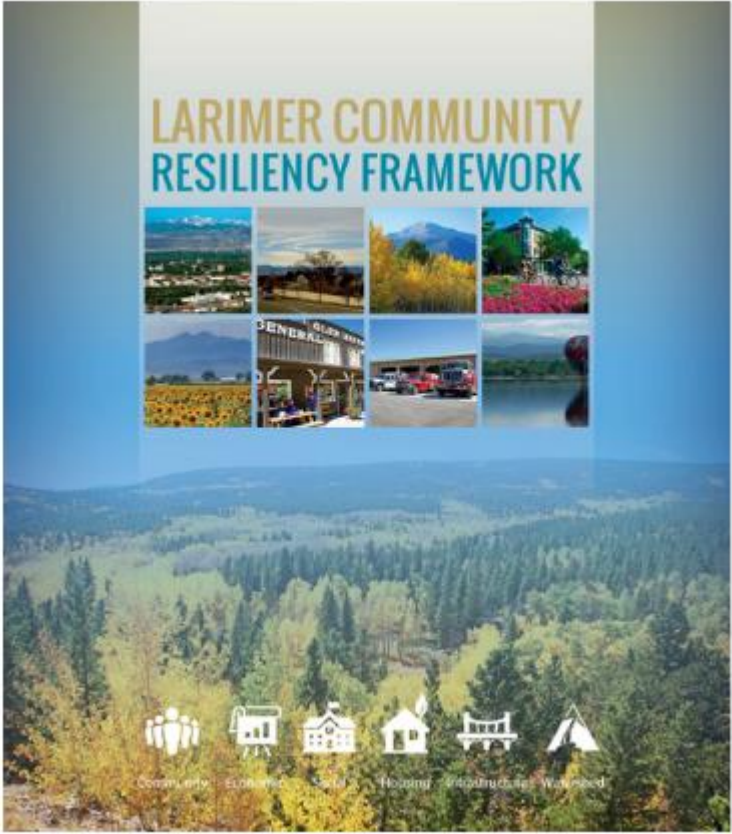


Steering Committee

- An interagency group of State government representatives
- Role of Committee
 - Assess results of surveys and summit outreach
 - Use these to assess potential state level actions plans
 - Support local efforts
- Not only limited to State agency action
 - Framework will highlight:
 - Local Best Practices
 - Local government and non-profit resilience leaders



Resilience Frameworks



Questions?



Shocks and Stressors Activity

Chronic Stressors:

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Acute Shocks:

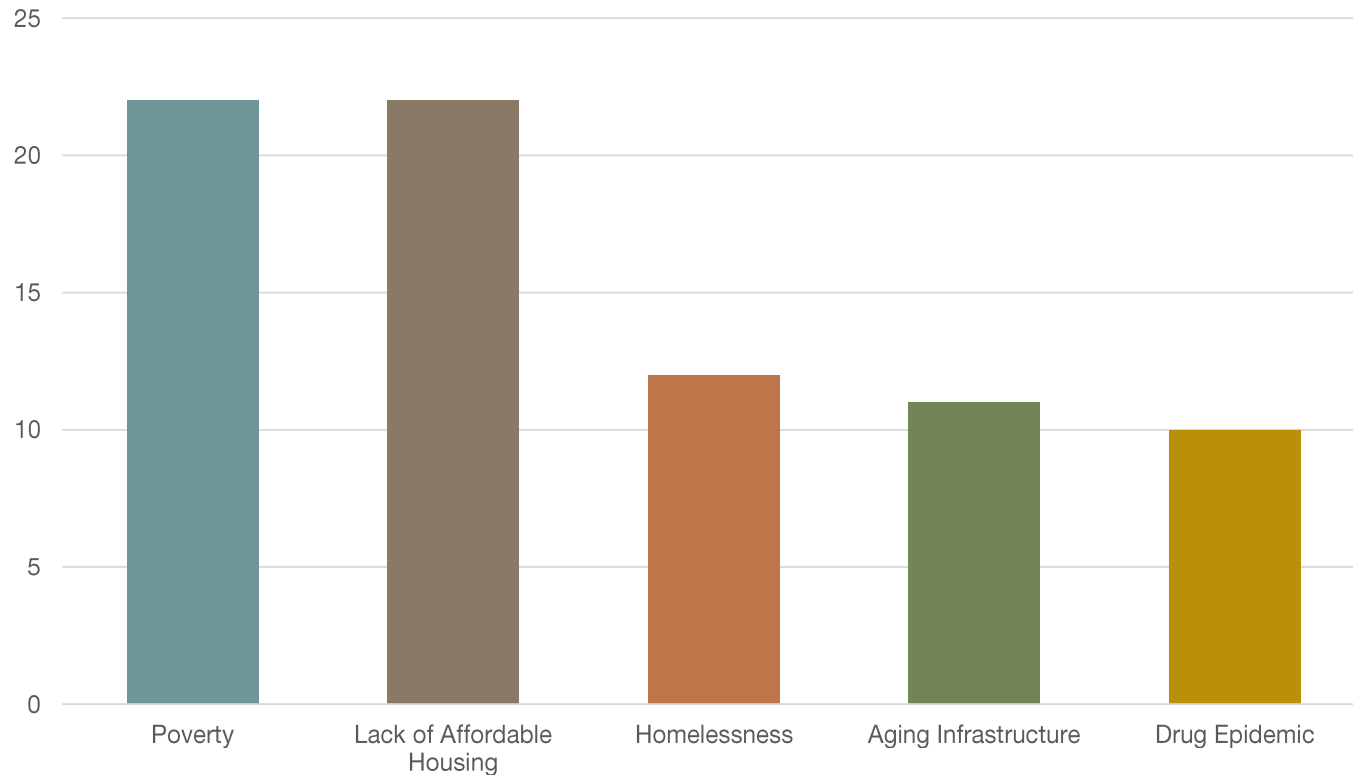
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Helena's Stressors - Community Survey



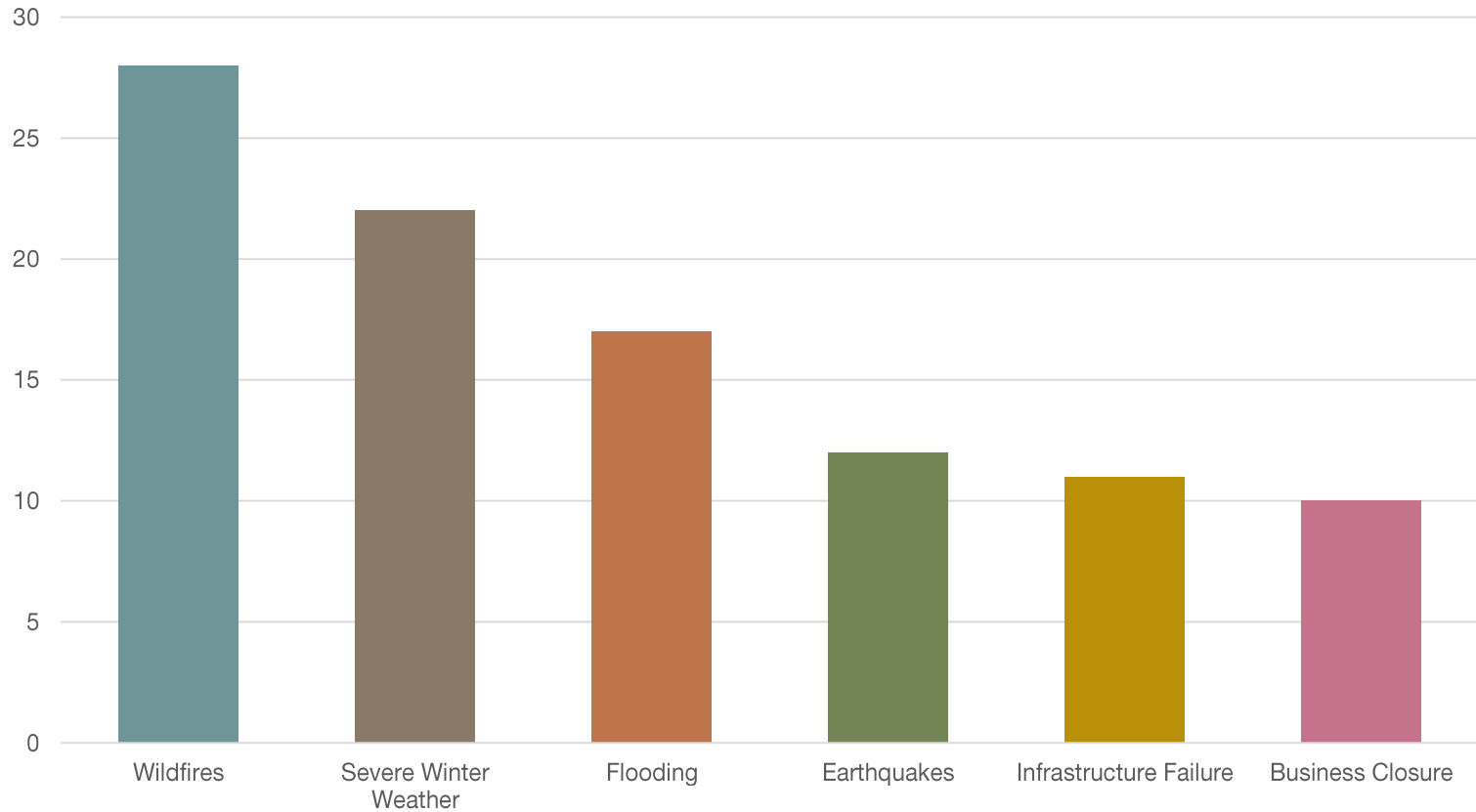
“Infrastructure is aging and communities are falling behind in their ability to pay for needed repairs, cost of housing is outpacing cost of living”

“We need more effective ways to connect folks in poverty with healthcare, stable housing, job opportunities, and the greater community. “

Other Stressors: Lack of Mental Health Supports, Suicide



Helena's Shocks - Community Survey

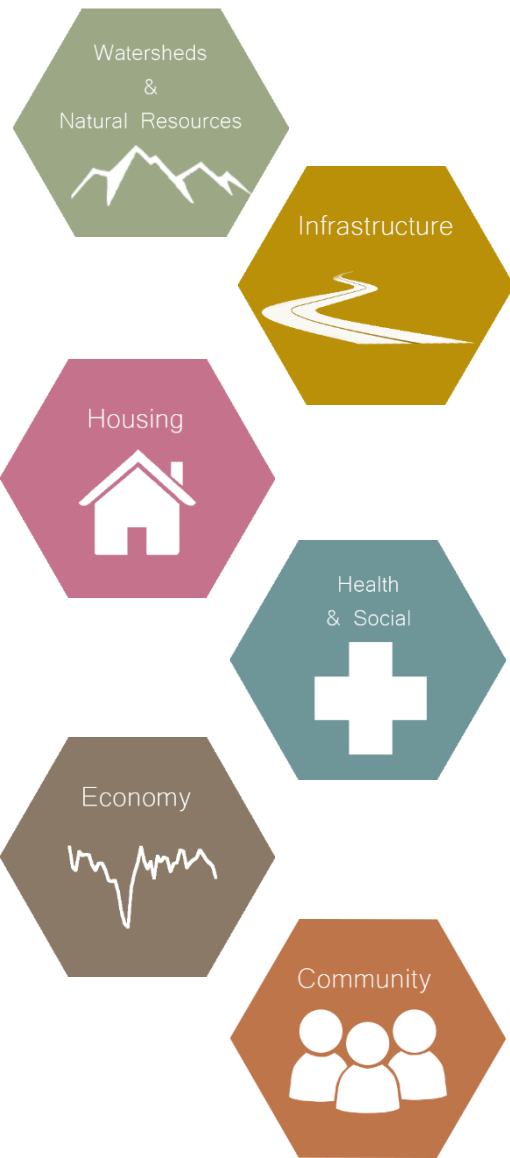


“Climate change is on its way, and Montana stands to lose much of its sizable tourism-based economy due to more severe and extended wildfire seasons”

“Losing employers in our community reduces opportunities and tax income”

Other Shocks: Air Quality in the Summertime, Railroad Accidents





Watersheds & Natural Resources: Focuses on the interaction between our built and natural environments. This includes the negative impact our built environment has on Montana’s natural resources, as well as the effect that these resources may have on our infrastructure, water quality, and social wellbeing.

Infrastructure: To address the potential risks posed to Montana’s interconnected network of critical services by engineering public infrastructure projects made with the foresight and risk aversion needed to bounce back from an acute shock.

Housing: To provide safe, affordable, and decent housing for vulnerable members of our community; housing that promotes healthy community interaction while supplying safe and reliable shelter.

Health & Social: To integrate the efforts of public health, healthcare providers and facilities, and social service networks to promote the health and wellness needs of the whole community and create more resilient and sustainable systems for citizens.

Economy: To sustain and/or rebuild businesses, preserve or create jobs, and develop economic opportunities that result in sustainable and economically resilient communities that meet local needs.

Community: To build State and local capabilities and resources that facilitate holistic pre- and post-disaster recovery planning, effective implementation, and community resiliency and sustainability.



Additional Resources:

APA Planning for Hazards:

<https://www.planning.org/nationalcenters/hazards/>

Colorado Resilience Framework:

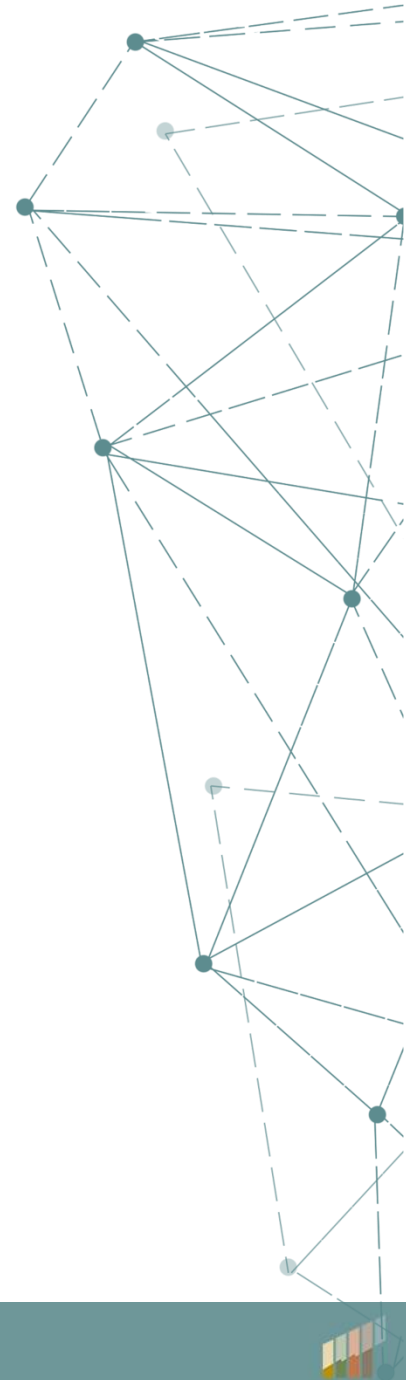
<https://planningforhazards.com/home>

Smart Growth America:

<https://smartgrowthamerica.org/>

Rockefeller Foundation 100 Resilient Cities:

<http://www.100resilientcities.org/>



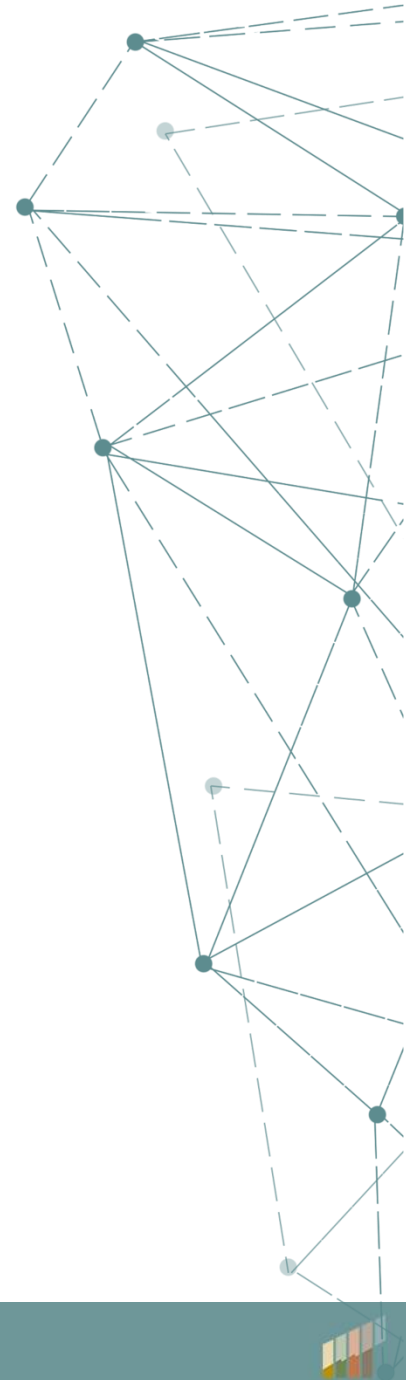
Next Steps

What else do we need to know?

What information do you need to be successful?

Who is missing from the conversation?

What does the Framework need to include to be most beneficial to communities?



Next Steps

- Summit notes and summary will be emailed via the sign-in sheet
- Look for updates on the MRCI website:
<http://comdev.mt.gov/Programs/MontanaReadyCommunities>
- Framework will be drafted and presented in late 2018/early 2019



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