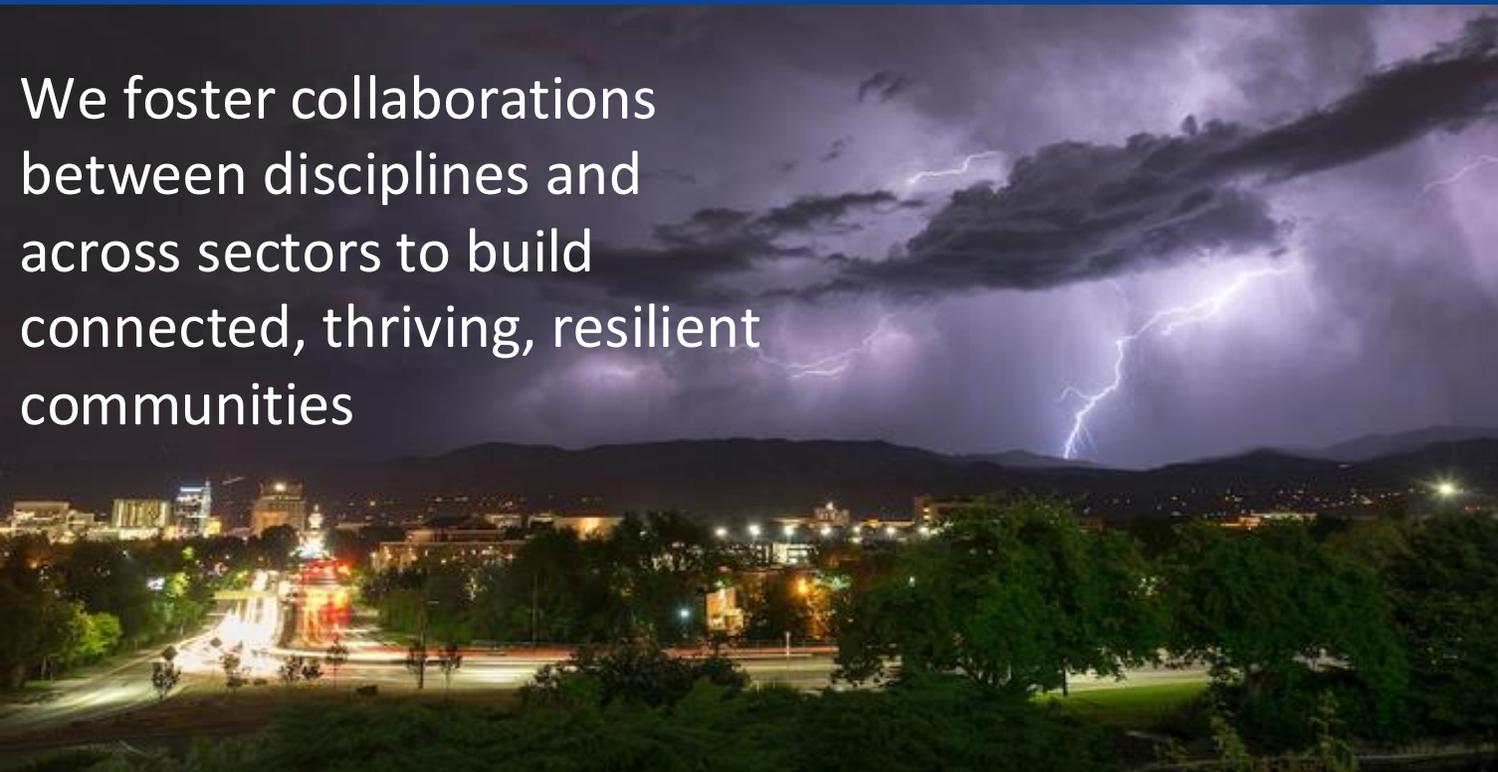


HAZARD AND CLIMATE RESILIENCE INSTITUTE



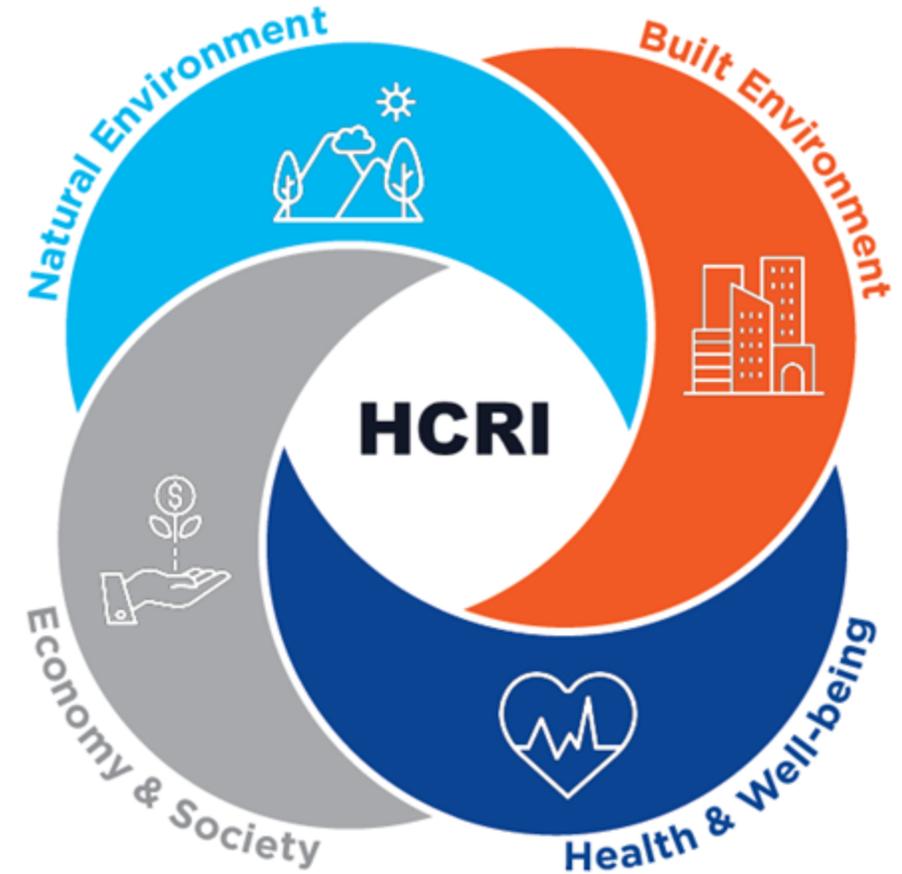
We foster collaborations between disciplines and across sectors to build connected, thriving, resilient communities

Dr. Brittany Brand, Director for the Boise State HCRI

Dr. Zachary Provant, Postdoctoral Research Fellow for HCRI



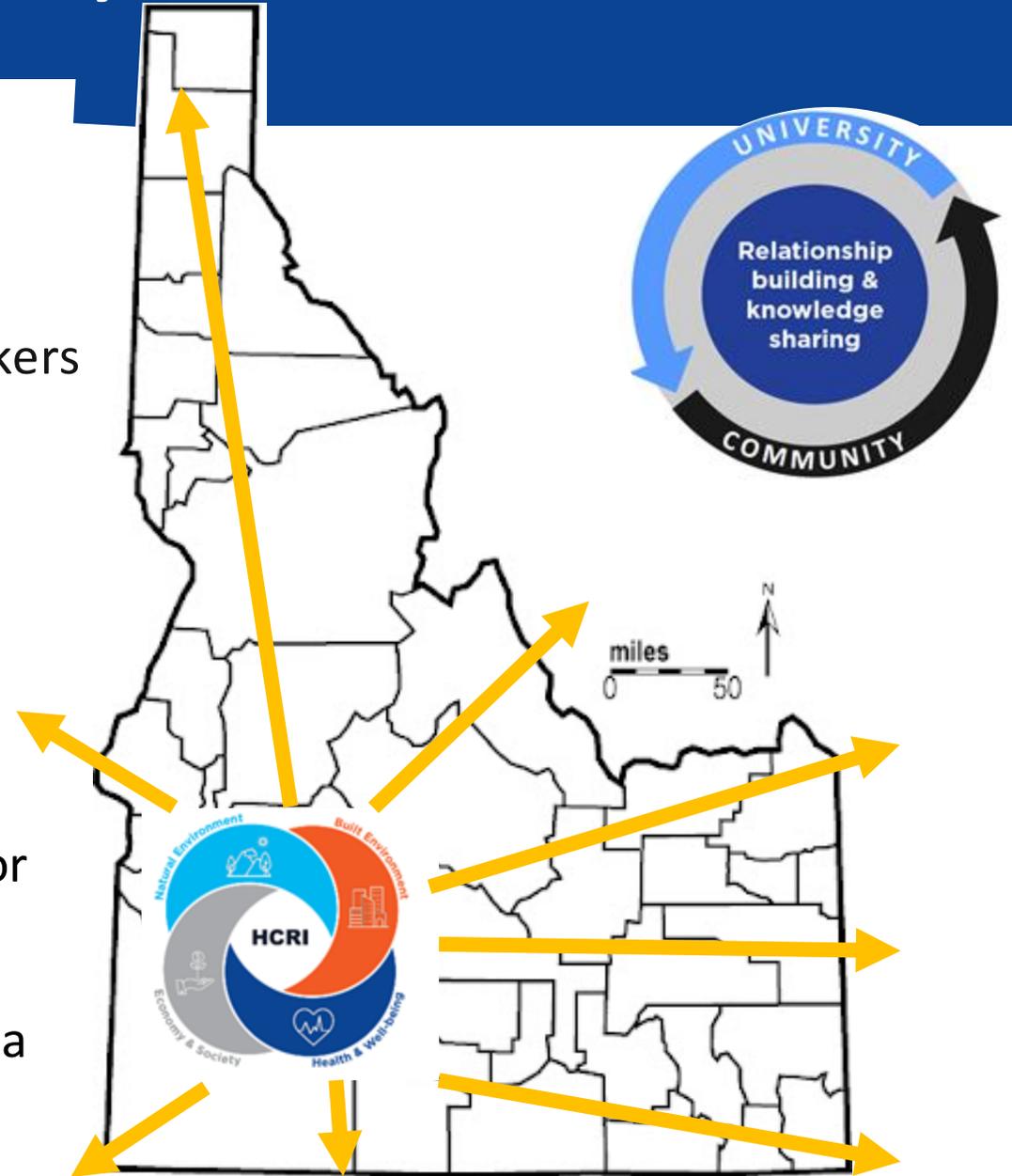
BOISE STATE UNIVERSITY



<https://www.boisestate.edu/research-hcri/>

HCRI - A Resilience Hub for Idaho and beyond

1. Lead community-based resilience assessments and resilience strategies
2. Develop tools with and for planners and decision-makers
3. Foster Community and Connections
4. Address data gaps and research needs
5. Create evidence-based public hazard and education strategies
6. Offer diverse education and research opportunities for Boise State students across all disciplines
7. Acquire an array of resources and funding to support a sustainable institute





What are characteristics of a resilient community?

menti.com

Community Resilience

The capacity of individuals, communities, institutions, businesses, and systems to **thrive** no matter what kinds of chronic stresses and acute shocks they experience¹.



Boise River Flooding (2017)



Highway 55 Rockslide (2020)



Water Scarcity and Idaho Agriculture

The Idaho Landscape Scan

HCRI is developing a report and website to highlight environmental and energy challenges around the state

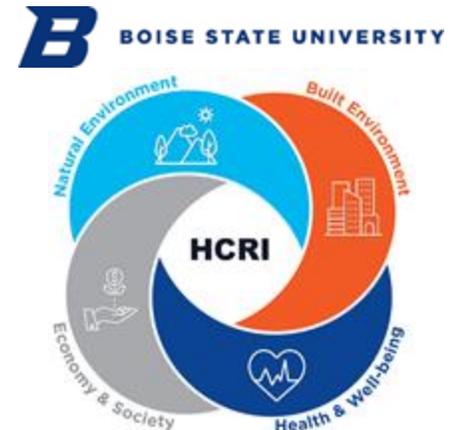
- statewide environmental reports and plans
- meetings with community-based organizations
- collection of **community concerns and priorities**



EJ TCTAC

Environmental Justice
Thriving Communities Technical
Assistance Centers Program

U.S. Environmental Protection Agency
in partnership with the Department of Energy



Idaho Rural Partnership: Community Reviews



Rigby Community Review

June 3-5, 2014

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Some Key Issues Identified in Community Reviews

ENVIRONMENT	ENERGY	DEVELOPMENT	HEALTH
<ul style="list-style-type: none"> ● lack of adequate wastewater treatment (American Falls, Ashton, Athol, Plummer) ● industrial pollution (Aberdeen, American Falls) ● declining water quality and supply (Ashton, Athol, Aberdeen, American Falls, Plummer) ● Neglected property maintenance (Sandpoint, Soda Springs) 	<ul style="list-style-type: none"> ● higher energy costs (New Meadows, Cascade) ● challenges with renewable energy (Sandpoint, Fairfield, Cascade, Preston) ● aging electrical infrastructure (Plummer) 	<ul style="list-style-type: none"> ● rapid or poorly planned growth (Ashton, Bonners Ferry, Athol) ● vacant storefronts and the need for revitalized downtowns (Buhl, Driggs, Preston) ● lack of new and diverse businesses (Soda Springs, Lost Rivers Valley, St. Maries) ● degrading infrastructure (Plummer, Lost Rivers Valley, Payette) ● housing shortage (Cascade, Lost Rivers Valley) 	<ul style="list-style-type: none"> ● lack of healthcare access and availability (Malad, Soda Springs, Salmon) ● substance abuse (Grand View, Salmon, Malad) ● degrading healthcare facilities (Malad) ● poor retention of healthcare professionals (Malad) ● degrading infrastructure impacts to health (New Meadows, Malad)

Table Discussion - Challenges

1) Form groups of 3-4

1) Introduce yourselves and assign a notetaker

1) Spend 2-3 minutes answering the following questions as a group:

- What do you see as the most pressing environmental issue in your county?
- What do you see as the most pressing energy challenges in your county?
- Which community members are most impacted by these environmental and energy issues, and why?

Table Discussion - Solutions

- 1) Choose one challenge brought up by your group
- 1) Brainstorm potential solutions to this problem
- 1) Where would you start if you were to pursue this solution?
 - a) Who would be involved?
 - b) What resources would you need?
 - c) Where would you find funding?



Request Technical Assistance



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HCRI Staff working with emergency managers on wildfire evacuation behavior project



Take our survey to inform the Idaho Landscape Scan



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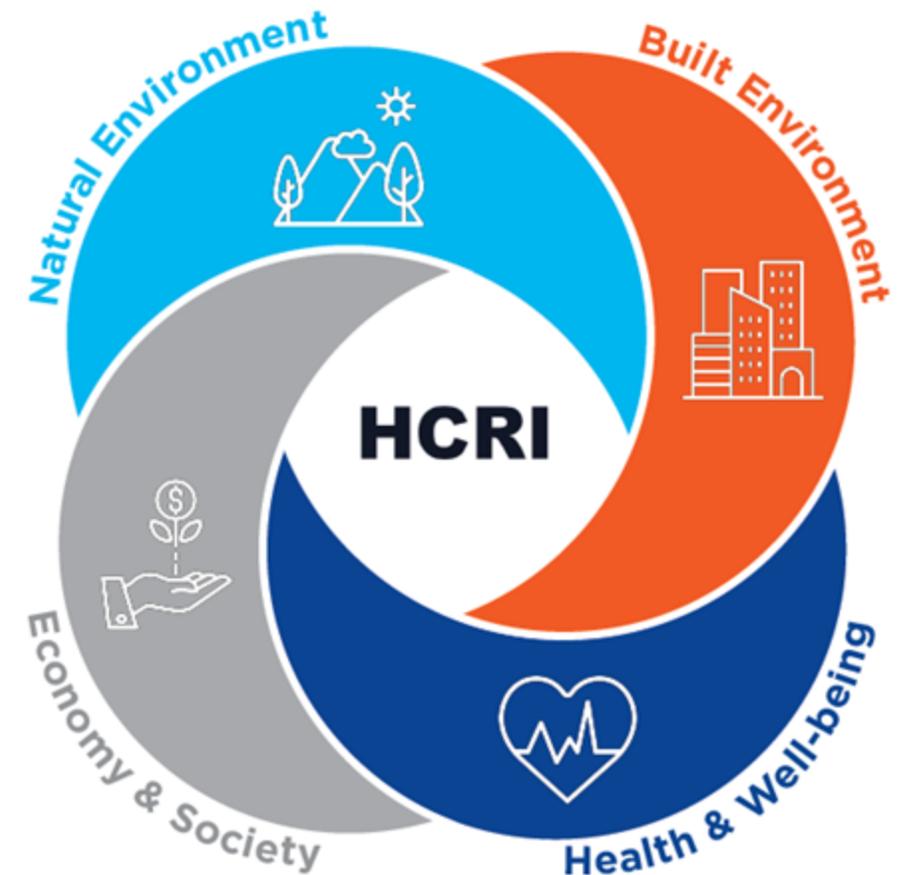
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- [Follow our Twitter feed](#) and retweet us
- Enroll in our VIP course
- Donate to support our efforts

We foster collaborations between disciplines and across sectors to build connected, thriving, resilient communities.

Thank you!



<https://www.boisestate.edu/research-hcri/>

Challenge Tree

Issues in the Community



Core Challenge

Root Causes

Solution Tree

**Changes you Expect to see
in the Community**



Core Challenge

Solutions