

Growing Water Smart

Planning in the West webinar series

How Water Smart Are We?

How to Conduct a Self-Assessment

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Webinar Details

APA CM

- Survey sent to your email following webinar
- Didn't receive it? Contact us:
ClimateResilience@sonoraninstitute.org

Questions or Comments

Webinar Recording

- ResilientWest.org



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We're more than conservationists.

For more than 25 years, the Sonoran Institute has worked to help people and communities achieve harmony between the built environment and the natural world.

\$300M

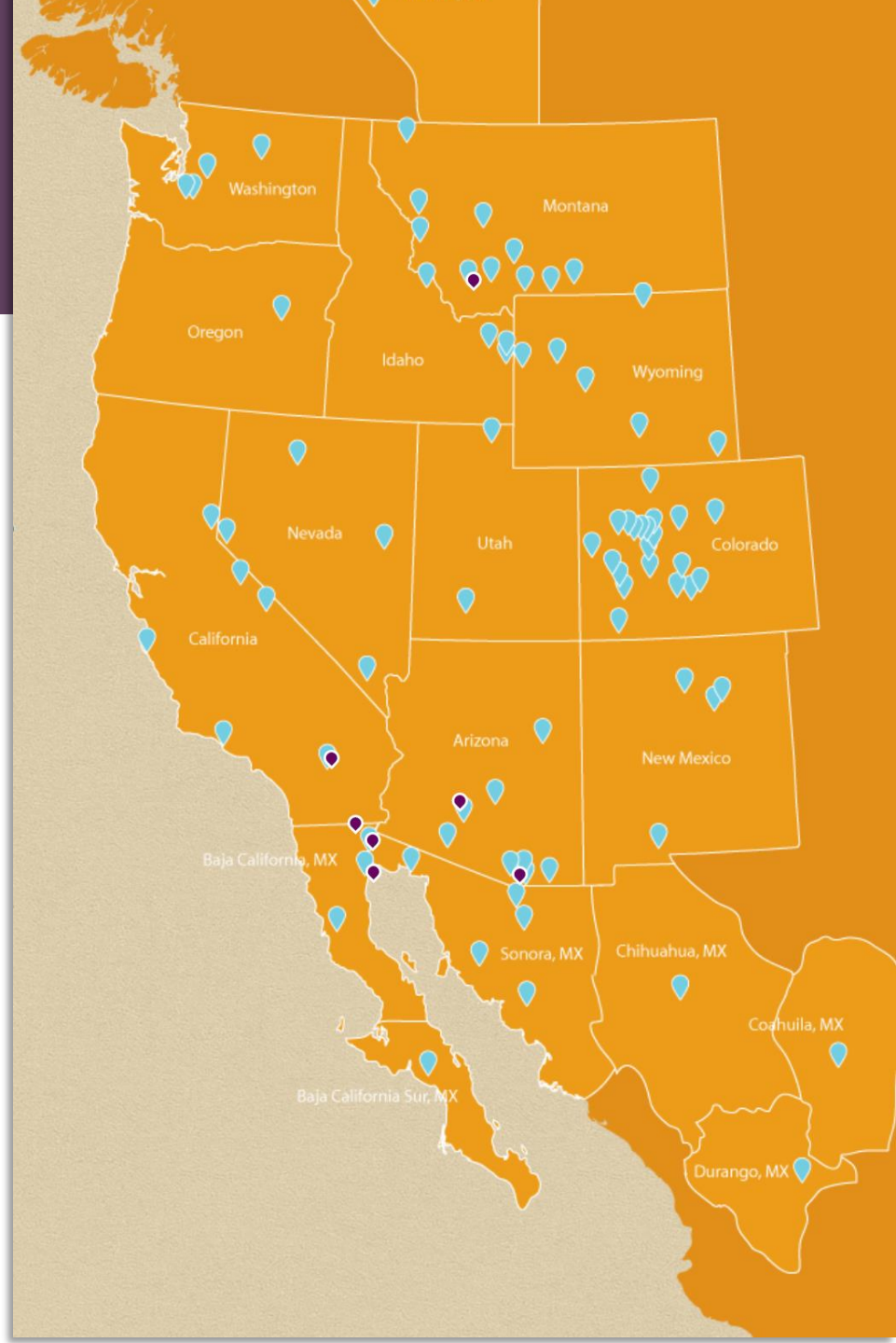
Local Investment

2,000+

Leaders Trained

500,000

Acres Conserved/Protected



Colorado River DELTA

Helping the River
Reach the Sea



Restoration
Renewal
Reconnection



Resilient Communities and Watersheds

BEST

Policies | Practices | Programs | Plans



INTEGRATING WATER +
LAND USE PLANNING



PROTECTING + RESTORING
WATERSHEDS



PLANNING FOR
CLIMATE CHANGE +
EXTREME WEATHER



FUNDING + INCENTIVIZING
RESILIENCE

Visioning and Planning

Tools + Trainings + Technical Assistance



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Resilient Communities and Watersheds

Workshops

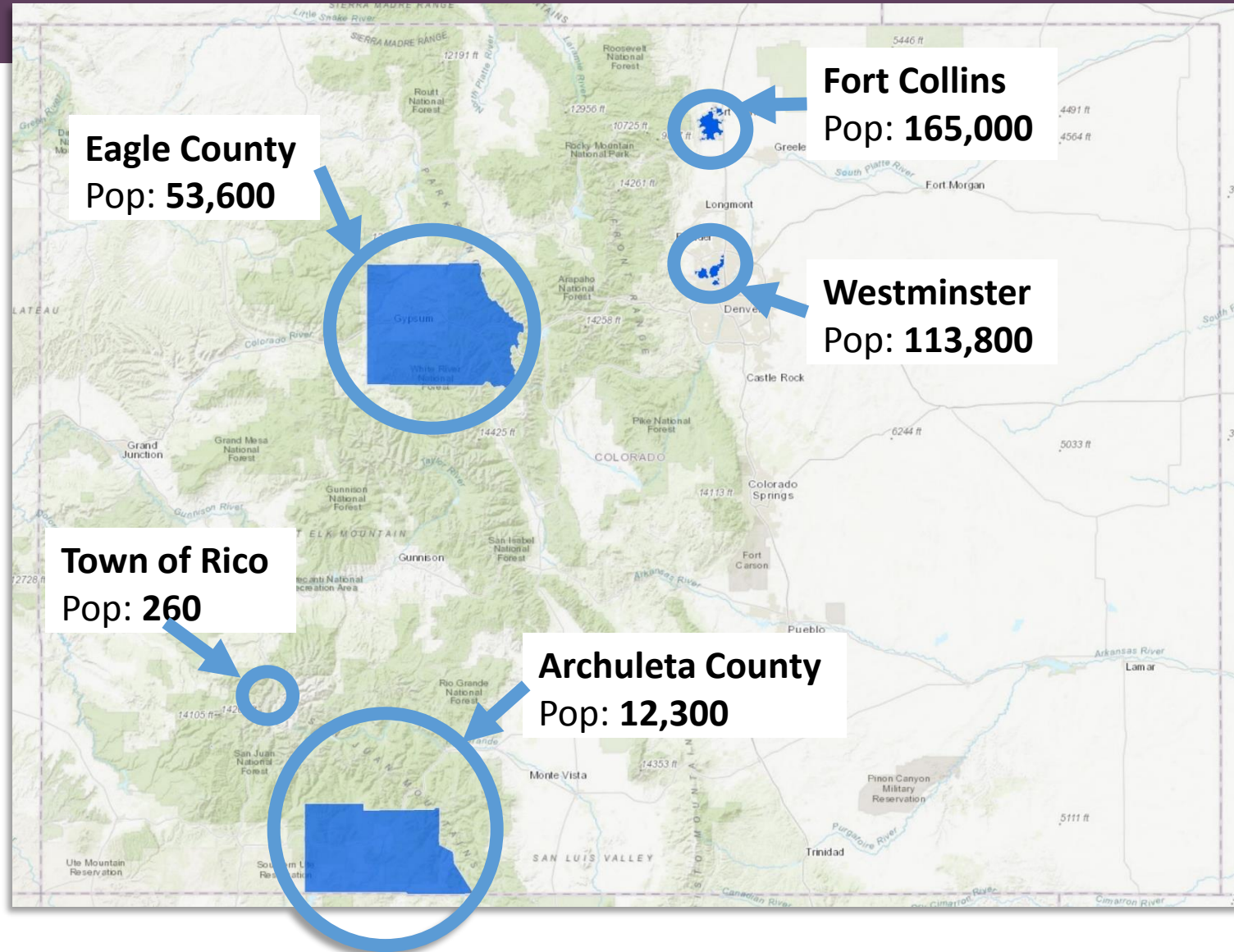
- Resilient Communities
- Growing Water Smart
- Exploratory Scenario Planning



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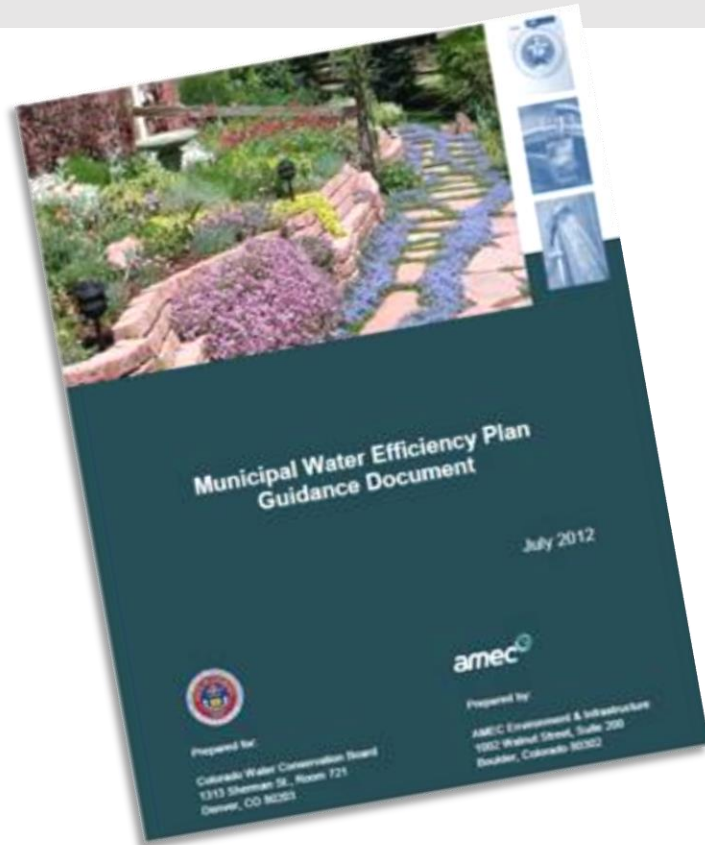


Growing Water Smart Communities



Rationale

Baseline assessment to determine where your community stands and foster a discussion towards action



- Integrate water and land use planning
- Breakdown silos
- Explore uncertainties
- Prioritize action

<http://cwcb.state.co.us/technical-resources/water-conservation-plan-development-guide/Pages/main.aspx>

Self Assessment

Part 1 TRENDS

Climate, economic, demographic. *Spatially.

Part 2 CURRENT INVENTORY

Supply and **demand*

Part 3 CONSERVATION & EFFICIENCY

Current practices.

Part 4 POLICY ENVIRONMENT

Supporting plans, adequacy requirement?

[Access the Self Assessment](#)

Trends

What's influencing your water supply?

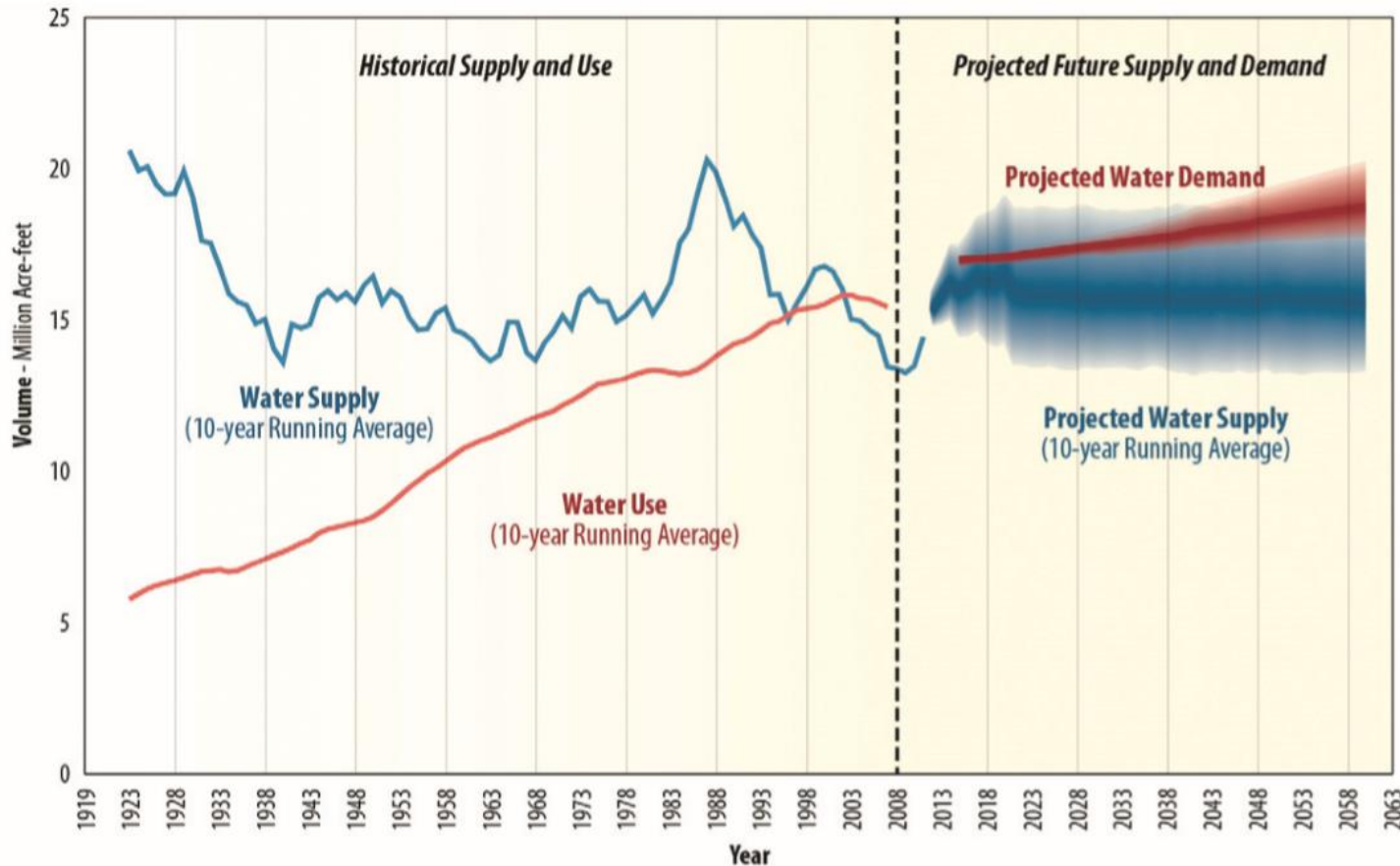


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Trends

Historical Supply and Use and Projected Future Colorado River Basin Water Supply and Demand



Findings:

1. Population Growth
2. Uncertainty, Impacts of Climate Change
3. Water Supply - shortages, disruptions



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Current Inventory

What do we know about our current & projected water supply and demand?



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Current Inventory



Photo: Archuleta Pagosa Springs GWS Team 2017
San Juan River, CO, 2002

Findings:

1. Imbalance in supply and demand
2. Vulnerability not included in current assessment



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Conservation and Efficiency

What are we doing to promote water conservation & efficiency?



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Conservation and Efficiency

1. What are we doing to promote water conservation & efficiency?

A. Does our community have a water conservation plan? ☐ Yes ☐ No

B. Do we have a drought and emergency preparedness plan? ☐ Yes ☐ No

C. What is our community average for GPCD?

D. What is our desired goal for GPCD, if we have one?

E. Does our utility/community have a water conservation education campaign? If yes, who are the target audiences? ☐ Yes ☐ No

F. Do we currently do any of the following water conservation & efficiency activities:

☐ Rebates ☐ Yes ☐ No

☐ Fixture replacement ☐ Yes ☐ No

☐ Fee waivers ☐ Yes ☐ No

☐ Audits ☐ Yes ☐ No

☐ Water budgets ☐ Yes ☐ No

☐ Rate structure incentives ☐ Yes ☐ No

Findings:

1. Conservation plans with limited scope
2. Drought and emergency preparedness plans

Policy

What are we doing to promote water smart development?



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Policy



Boulder Growth Boundary
Photo: J. Stapleton; aerial support by LightHawk

Findings:

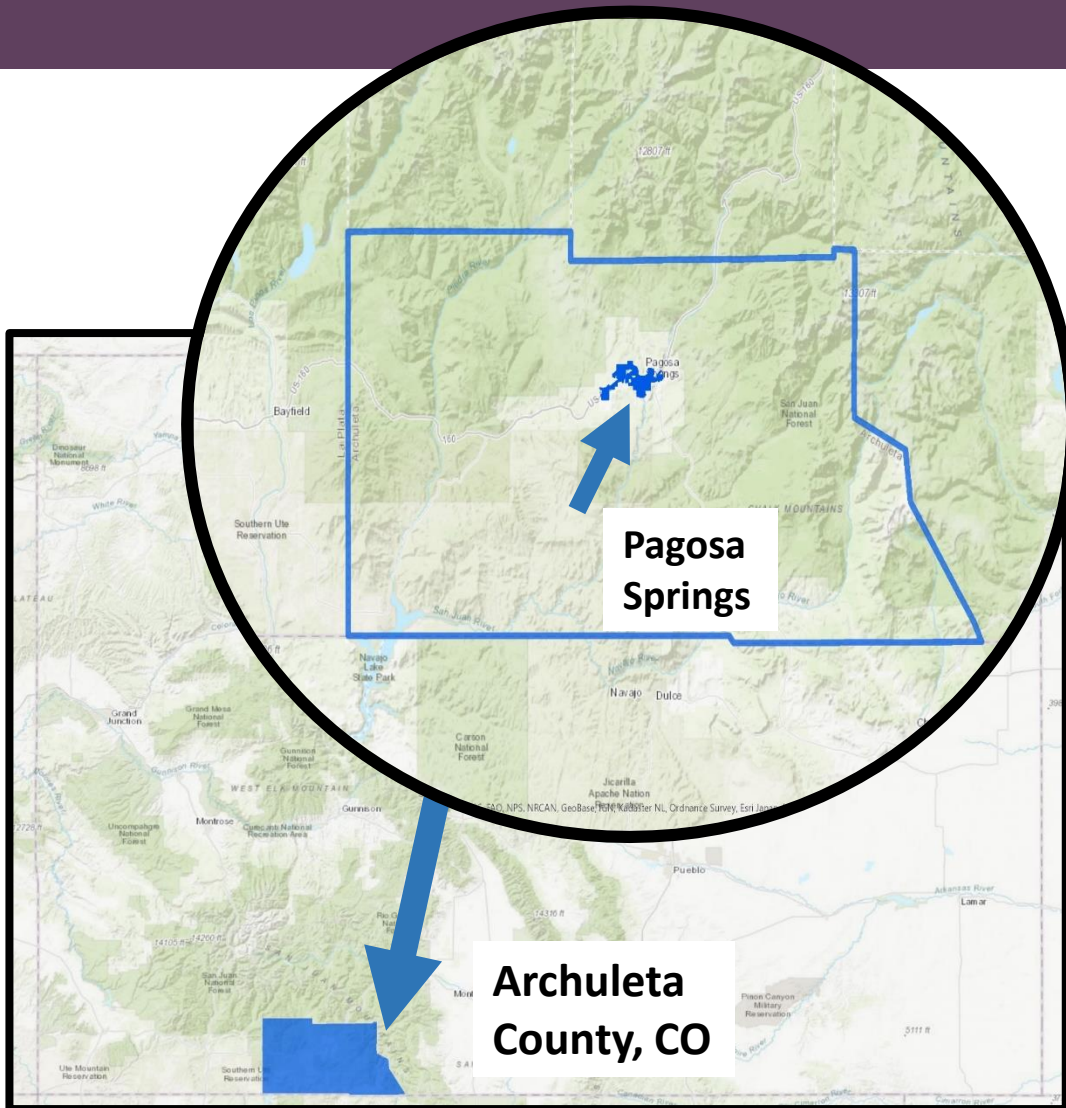
1. Value + Opportunity in Regional Integration
2. Not Widely Enforced
3. Varying Adequacy Requirements



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Archuleta County – Pagosa Springs



James Dickhoff, AICP
Planning Department Director
Town of Pagosa Springs



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Lessons Learned

- **Data**
- **Too Siloed, Need Collaboration**
- **Urgency**



Extensive Beetle Kill



Wolf Creek Pass, Colorado
Photos: J. Stapleton

Where they are now:

- [Drought Management Plan](#)
- Collaborative, multidisciplinary team
- Streamlined data



Discussion

- **Where were you able to find your data?**
- **Who was involved in completing the assessment?**
- **Any aha moments?**
- **Other tips for users?**



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Q + A

Any Questions?



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Growing Water Smart Workshop



Apply Now!

Deadline June 1, 2018

**Workshop
September 26-28, 2018
Keystone, Colorado**

More rounds Spring + Fall 2019



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Growing Water Smart Webinars

**How to Talk about Climate Change and Resilience to Build
Community Support (Yes! It is possible!)**

May 24, 2018 (11AM - 12PM PT)



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Case Studies and Tools

resilientwest.org

#BeResilient



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Thank you!

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