



Nevada Water: A Science-With-Society Research and Education Network

Collaboratively addressing water-related issues in a changing climate across the urban-rural spectrum

Why Nevada Water?

- Nevada is the country's driest and most urban state, with a rapidly growing population.
- Most Nevadans get their water from the Colorado River yet most of Nevada lies outside the Colorado River Basin and is dependent on groundwater.
- Like much of the U.S., these urban-rural contrasts lead to diverging views on land and water use so, in many ways, Nevada's water issues are a harbinger for other regions.
- Water scarcity is a way of life for Nevadans.
- Nevada has many committed, thoughtful people working on managing water for the long term.



Nevada Water is leading the way for water resources planning in a time of growth and renewable energy development.

We are working closely with community stakeholders representing rural water, tribes, state agencies, federal agencies, environmental/NGOs, municipal and industrial water, and educators and researchers.

Mission: We bring together diverse organizations, agencies, tribes, and societal groups to collaboratively identify and address complicated urban-rural water challenges. Using convergent research, the Network serves as a trusted source of water-related information, fosters community engagement and facilitates discussions, provides educational resources for all levels, and helps build capacity for communities to co-create pathways toward water sustainability for people and ecosystems.

Vision: A resilient, sustainable, inclusive, equitable, and feasible water future for the state of Nevada that is shaped through a collaborative process and provides knowledge-based strategies to address diverse urban-rural, human, and ecosystem water challenges.

Our Accomplishments

Over the past year, we have engaged over 124 participants representing 65 organizations, agencies, and societal groups, co-developed a mission and vision, created and implemented educational modules, and co-produced an inclusive plan for the network structure, activities, and priorities within the context of Transformative Science with Society and the Theory of Change.

Common Themes & Concerns

- Collaboration is the driving force for success.
- Long-term drought is the overarching issue leading to water over-appropriation and over-use.
- Surface water-groundwater interactions are not well understood and difficult to address with current water policies.
- Changing regulations and lack of agency capacity make it difficult to address complex water issues.

Our Network Goals

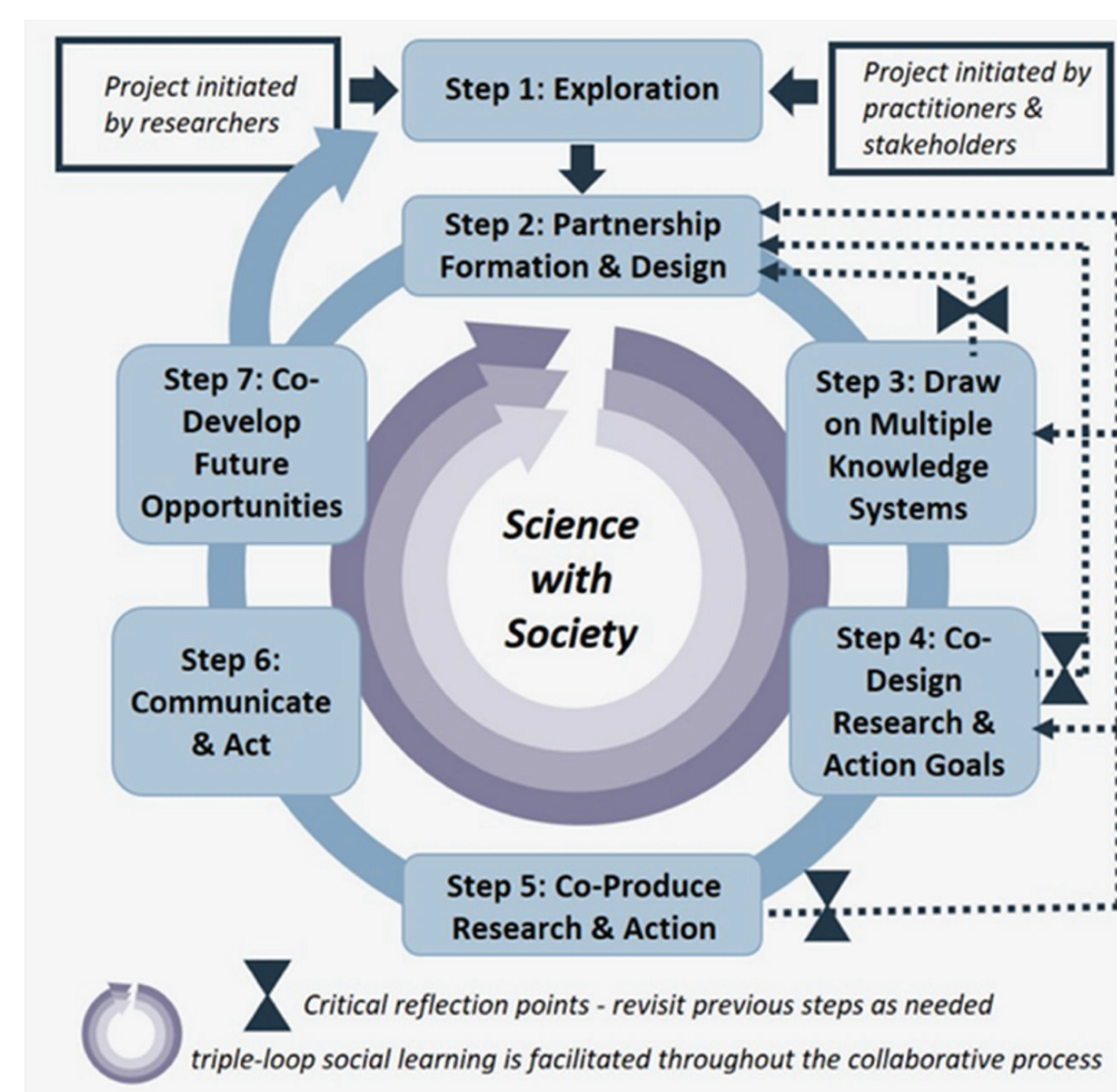
- Provide an inclusive platform for collaboration.
- Fill knowledge gaps.
- Co-develop fit-for-purpose models and accessible tools.
- Engage with communities.
- Build capacity for sustainable water futures.
- Educate and train K-Ph.D., managers, decision-makers, and policy-makers.
- Co-develop multi-sector support to sustain the Nevada Water network for the long term.



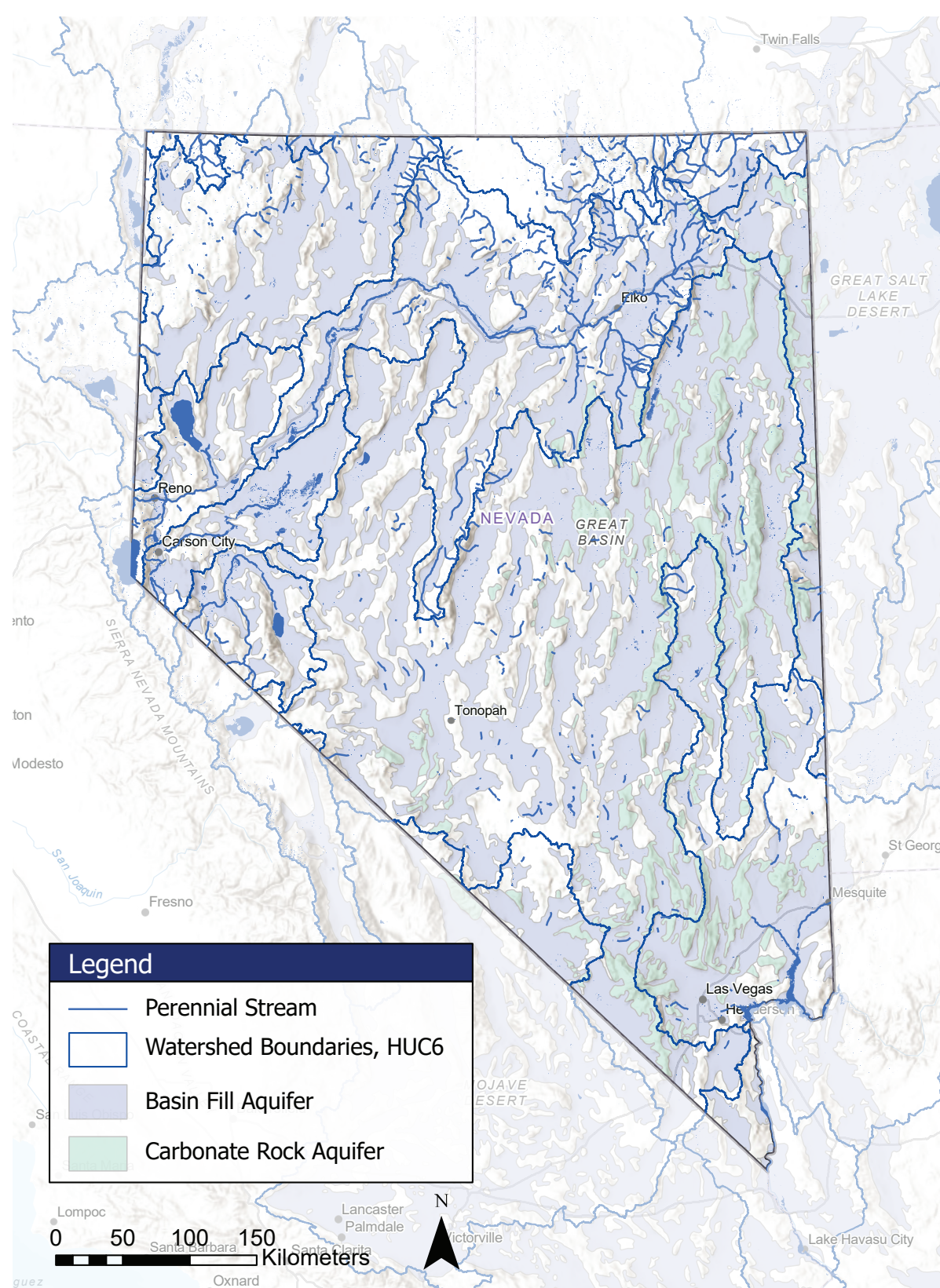
VISIT OUR WEBSITE

unr.edu/nevada-water

Transformative Science With Society (TSS)



TSS is a proven, grassroots approach that is integrative and inclusive across multiple 'ways of knowing' including Traditional Ecological Knowledge, local knowledge, and multi-disciplinary Western science (Steger et al. 2021; doi.org/10.1016/j.gloenvcha.2021.102240).



MEET THE NEVADA WATER LEADERSHIP TEAM



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Participating organizations: Carson City Public Works, Carson Water Subconservancy District, City of Reno, Clark County Water Reclamation District, Crawford Farms and Cattle, Eureka County Department of Natural Resources, Fallon Paiute Shoshone Tribe, Great Basin Water Network, Humboldt River Basin Water Authority, National Integrated Drought Information System, National Oceanic & Atmospheric Organization, National Park Service, National Weather Service, Nevada Association of Conservation Districts, Nevada Department of Transportation, Nevada Department of Wildlife, Nevada Division of Environmental Protection, Nevada Division of Natural Heritage, Nevada Division of Water Resources, Nevada Farm Bureau Federation, Nevada Indian Commission, Nevada Mining Association, Nevada Rural Water Association, Southern Nevada Water Authority, Trout Unlimited, Truckee Meadows Regional Planning Agency, Truckee Meadows Water Authority, U.S. Bureau of Reclamation, U.S. Fish and Wildlife Service, USDA Humboldt-Toiyabe National Forest, University of Nevada, Las Vegas, Walker Basin Conservancy, Washoe County.