# Agenda

## Adapting to Change: Avoid, Reduce, Restore

Events are at CSU's Western Colorado Research Campus 3170 B ½ Rd., Grand Junction, CO 81503 unless otherwise indicated

## Wednesday, Oct. 6th

Field Tour with Dr. Nikki Grant-Hoffman and Danielle Bilyeu Johnston
Mentorship & Networking Dinner

**Go to CSSRM.org/events to click on the link to access a google map of the stops.**

12:00 Lunch provided according to your registration Western CO Research Center/ Orchard Mesa Research Station

1:00-1:15 Leave Western CO Research Center/ Orchard Mesa Research Station

1:35-1:40 Arrive at parking lot across from Little Park Trailhead

2:30 - 2:45 Depart Little Park

3:15 Arrive Pit Seeder Site

4:00 See pitter machine

4:20 Depart Pit Seeder Site; Optional stop at Devil's Canyon Trailhead

5:00 Arrive at Western Co Research Station/ Orchard Mesa Research Station and go to Glorious Fig.

*The Glorious Fig is located on the south side of Colorado Avenue tucked in an alley between Grand Valley Real Estate Group and The Tru Hotel by Hilton.*

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CSU's Western Colorado Research Campus 3170 B ½ Rd., Grand Junction, CO 81503

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| 8:00:00 AM | Welcome, housekeeping, and introduction of the conference theme - avoid, reduce, restore. | Retta Bruegger, Nichole Barger |
| 8:30:00 AM | Climate change, ecological drought, and western slope ecosystems | John Bradford |
| 9:15:00 AM | Economic impacts of climate change to ranching | John Ritten |
| 9:45:00 AM | Break – Coffee/ pastries/ fruit are outside in the pop-up tents | |
| 10:00:00 AM | Sustainability and innovation in the livestock industry | Kim Stackhouse-Lawson |
| 10:30:00 AM | Grazing management for resilience on the Colorado Plateau | Eric Thacker |
| 11:00 AM | Discussion break-out | Baili Foster |
| 12:00:00 PM | Presentation of Awards: Conservation Excellence | Stephanie Pitt |
| 2:15:00 PM | Lunch | |
| 1:15:00 PM | The latest, greatest, and what we don't need to do again in rangeland restoration science | Carrie Havrilla |
| 2:00:00 PM | Land Knowings, Lessons and Truths: Indigenous Tellings of Change, Adaptation and Restoration | Doreen Martinez |
| 2:45:00 PM | Break | |
| 3:00:00 PM | Strategies for collaborative conservation with the Intermountain West Join Venture | Mandi Hirsh & Joy Morris |
| 3:30:00 PM | Discussion break-out | Baili Foster |
| 4:30:00 PM<br>5:0:00 PM | Ending discussion, synthesis and networking<br>Adjourn | Nichole Barger |

# Speaker Bios

## Adapting to Change: Avoid, Reduce, Restore

October 6-7th, 2021
Speaker Bios (in chronological order)

Nikki Grant-Hoffman | Field Tour

Dr. Nikki Grant-Hoffman currently works for the Bureau of Land Management's National Landscape Conservation System with McInnis Canyons and Dominguez-Escalante National Conservation Areas. Her work is varied based on the needs of the areas where she works but includes restoration after fire, riparian restoration, and wildlife habitat monitoring. Before joining the Bureau of Land Management, she worked for the National Park Service and U.S. Fish and Wildlife Service. Here academic career included work in Florida, Colorado, Alaska, and New Zealand.

Danielle Bilyeu Johnston| Field Tour

Danielle grew up in the Houston area and has lived in Colorado since 1998.She holds a phD in Ecology from Colorado State University. Since 2007 she has worked for Colorado Parks and Wildlife researching ways to improve habitat. Her favorite projects involve trying new tools for restoration, often borrowing ideas from agriculture. She lives in Rifle with her husband, 2 kids, a cattle dog, and 7 chickens.

John Bradford | Climate change, ecological drought, and western slope ecosystems

John is an ecosystem ecologist with the USGS who studies dryland ecosystems in the context of global change. He focuses on understanding how changing climate, disturbance regimes, and land use practices influence vegetation structure, plant communities, and ecosystem services in dryland environments. John works with resource managers to identify adaptive strategies for sustaining these ecosystems in a changing world.

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John Ritten | Economic impacts of climate change to ranching

Dr John Ritten is a professor at University of Wyoming in the department of Agricultural and Applied Economics specializing in natural resource economics and production economics. He has degrees from Arizona State University, New Mexico State, and Colorado State. He grew up in the Black Hills of South Dakota, andis particularly interested in areas where agricultural production and natural resource use overlap.

Kim Stackhouse-Lawson | Sustainability and innovation in the livestock industry

Dr. Kim Stackhouse-Lawson is a professor in the department of Animal Sciences at Colorado State University and the Director of CSU AgNext. CSU AgNext utilizes a multidisciplinary approach to advance sustainable solutions for animal agriculture. Prior to leading CSU AgNext, Kim was the Director of Sustainability for JBS USA where she was responsible for coordinating the company's corporate sustainability program and strategy. Kim also served as the Executive Director of Global Sustainability at the National Cattlemen's Beef Association where she developed the industry's sustainability program. Kim received her PhD in Animal Science from the University of California, Davis and was a postdoctoral fellow at Kansas State University College of Veterinary Medicine Beef Cattle Institute. She was awarded as the 2018 Distinguished Young Alumni by the UC Davis College of Agriculture and Environmental Sciences. She and her husband, Spencer live on the eastern plains of Colorado and have two sons, Weston and Callan.

Eric Thacker | Grazing management for resilience on the Colorado Plateau

Eric Thacker grew up in the Uintah Basin in North Eastern Utah, he received his MS (Range science) and PhD (Wildlife science) at Utah State University. After completing graduate school, he moved to Oklahoma where he worked as a rangeland scientist for 2 years for the USDA Southern Plains Range Research Station in Woodward, OK and then a 1 ½ years at Oklahoma State University. In 2013 he returned to USU and as the Rangeland Management Extension specialist at Utah State University, his research and extension programs include rangeland restoration, managing grazing during drought, wild horse impacts and management, cattle distribution, and public land management grazing management.

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Carrie Havrilla | The latest, greatest, and what we don't need to do again in rangeland restoration science

Dr. Caroline (Carrie) Havrilla (she/her) is an Assistant Professor of Rangeland Ecology and Management in the Department of Forest and Rangeland Stewardship at Colorado State University. Dr. Havrilla's research program broadly seeks to understand how biotic interactions, global change, and ecological restoration shape patterns of biodiversity and ecosystem functioning across drylands. She is also interested in how this knowledge can be applied to support effective land management, decision-making, and public policy in a changing world. In her free time, Dr. Havrilla enjoys hiking, coffee shops, cooking, and spending time with family.

Doreen Martinez | Land Knowings, Lessons and Truths: Indigenous Tellings of Change, Adaptation and Restoration

Dr. Doreen E. Martinez is Mescalero, Apache and Pennsylvania Dutch, born in San Antonio, Texas; yet, raised in Pennsylvania. Her family was the “only Martinez in the phone book.” She is the fourth of five children and was the first in her family to wander, break ground, gain access, and pursue US formal education. Her expertise is in Indigenous knowledge systems and sociopolitical land and environment issues. She focuses her work on how knowledge, the theoretical grounding of our lives, is engaged and practiced.

Mandi Hirsh & Joy Morris | Strategies for collaborative conservation with the Intermountain West Join Venture

Mandi Hirsch is currently the Sagebrush Collaborative Conservation Specialist for the Intermountain West Joint Venture. She helps implement the Partnering to Conserve Sagebrush Rangelands effort by working closely with an interdisciplinary team of staff and partners to assist in expanding partnerships and conservation actions across western rangelands. Prior to this, Mandi worked for 7 years as a partner Rangeland and Wildlife Conservationist for the Sage Grouse Initiative led by the USDA Natural Resources Conservation Service in Lander, Wyoming. Mandi and her husband live near Crowheart, Wyoming on their farming and ranching operation.

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Mandi Hirsh & Joy Morris | Strategies for collaborative conservation with the Intermountain West Join Venture

*Continued*

Joy joined the IWJV team in 2018 as the lead for the newly established Water 4 Program. Joy founded her career working on water and conservation challenges in Western landscapes. She brings extensive experience previously working as a restoration coordinator for the U.S. Fish and Wildlife Service, the Walker Basin Water Program Director for the National Fish and Wildlife Foundation (NFWF), and the Water Conservation Director for the Walker Basin Conservancy. She has spent her career developing on-the-ground partnerships for land and water conservation working with farmers and ranchers to sustain their operations while achieving mutually beneficial conservation goals. Joy is passionate about strategic conservation through partnerships, developing common ground and trust, and finding creative solutions to support and enhance agricultural opportunities that benefit fish, wildlife, and overall landscape resiliency. Joy has a B.S. in Geology from New Mexico Tech and a M.S. in Hydrogeology from the University of Nevada, Reno. Outside of work, Joy and her family can be found roaming around the West camping, hiking, biking, skiing, and enjoying unique landscapes and beautiful places.

More on Water 4: Water 4 supports partnership-based conservation tailored to the unique opportunities and needs within landscapes. This includes conservation easements, agricultural flood irrigation infrastructure enhancements, fish habitat and big game habitat conservation, mesic habitat work (e.g., beaver dam analogues), stream and riparian restoration, and an array of water management innovations. Water 4 addresses common conservation bottlenecks such as capacity to access funds and implement conservation with private landowners, science and knowledge to guide strategic conservation investments, communications to elevate the message of working wet meadows and cross-boundary efforts, and partnerships to advance conservation.