



TAMARISK COALITION'S 15th ANNUAL
 Research and Management Conference
 February 7-9, 2017 - The Hilton in Fort Collins, CO

The Future is Now: Forward-Thinking Restoration, Planning, and Adaptation

AGENDA

MONDAY, FEBRUARY 6, 2017				
5:30-7:30 pm	Optional Social Hour and Pre-Conference Check-In, Atrium of the Hilton		Check-in, pick up conference materials, and say hello! A note to our presenters: We will have computers available to upload your presentation with us ahead of time.	
TUESDAY, FEBRUARY 7, 2017				
8:00-9:00 am	Registration (Atrium) and Light Breakfast (Salon III, IV, VI)			
Time	Speaker	Presentation Title		
Plenary Session				
Welcome - Salon I, II, V				
9:00-9:20	Stacy Beough, Executive Director	Opening Remarks from Tamarisk Coalition		
9:20-9:45	Clint Evans, State Conservationist, USDA Natural Resources Conservation Service	Keynote Presentation		
Water Planning Innovations - Salon I, II, V				
9:45-10:10	Chris Sturm, Colorado Water Conservation Board	Watershed Health and the Colorado Water Plan		
10:10-10:35	Aaron Citron, The Nature Conservancy	Environmental Water Transactions to Support Riparian Restoration		
10:35-11:00	Karen Schlatter, Sonoran Institute	Developing Restoration Scenarios and Outcomes to Inform Binational Water Policy in the Colorado River Delta		
11:00-11:25	BREAK - 25 minutes - Atrium - Supported by Colorado State Forest Service			
Concurrent Session				
Adapting to Change - Salon I, II, V			We're All in it Together! - Legends Room	
11:25-11:50	Matthew McEttrick, Northern Arizona University	Multi-species Assisted Migration to Increase Growth Rate In Transplanted Communities	Anna Zawisza, Volunteers for Outdoor Colorado	Engaging Coloradans in Caring Through Active Stewardship
11:50-12:15	Bruce Orr, Stillwater Sciences	Adapting to Change and Restoring Resilient Riparian Ecosystems in the Southwest	Mike Wight, Conservation Legacy	Ancestral Lands Conservation Corps; Partnerships, Restoration, and Opportunity on Sovereign Lands
12:15-12:40	Andrew Rayburn, Jefferson County Open Space Division	Invasive Species Mapping and Prioritization to Support Climate-smart Management, Restoration, and Long-Term Recovery of Biological Resources on Lower Cache Creek	Anna Schrenk, Friends of Verde River Greenway & Russ Dickerson, AZ Conservation Corps	Partnerships in Action: Verde Watershed Restoration Coalition and Arizona Conservation Corps

12:40-1:45	LUNCH BREAK - Salon III, IV, VI - Stop by the Silent Art Auction!			
Concurrent Session				
Wild Weeds of the West - Salon I, II, V			Private Lands and Restoring for Wildlife - Legends Room	
1:45-2:10	Fred Raish, Alligare LLC	Noxious Weed History and Policies in Colorado - Where We've Been and Where We're Headed	Steve Wooten, Private Landowner	Working Ranch Perspective on Maintaining Biodiversity and Woody Invasive Management
2:10-2:35	Steve Ryder, Colorado Department of Agriculture	Strategic Planning for Noxious Weed Management in Colorado	Monica McGarrity, Texas Parks and Wildlife Department	Large-scale Management of Tamarisk on Private Lands to Improve Habitat Quality for Imperiled Fishes and Wildlife
2:35-3:00	Patty York, Colorado Department of Agriculture	<i>Phragmites</i> in Colorado: History, Status, and Future Plan	Ondrea Hummel, Tetra Tech	Floodplain Restoration For Wildlife Habitat
3:00-3:25	BREAK - 25 minutes - Atrium - (1st President Award Nominations are Due)			
Concurrent Session				
Involving Businesses in Restoration: Panel Discussion - Salon I, II, V				
3:25-4:50	<p style="text-align: center;">Join us for a Panel Discussion: How to Involve Businesses in Riparian Restoration Moderated by Stacy Beough, Executive Director, Tamarisk Coalition. Panelists will include representatives from Big Agnes, Xcel Energy, Alpine Bank, Many Rivers Brewing Company, and Business for Water Stewardship. Representatives will overview their respective businesses' roles in the community and in environmental initiatives before opening it up for an audience-wide discussion. Topics to be covered may include ideas for how organizations/communities can better attract private businesses to their cause, additional opportunities for businesses to be engaged in river restoration efforts that would benefit both the business and the restoration effort, how organizations can better communicate how the work that they do will benefit the private industry, etc.</p>			
4:50-5:00	CLOSING REMARKS			
5:00-7:15	<p style="text-align: center;">POSTER SESSION, HAPPY HOUR & SILENT ART AUCTION - Supported by Chevron - ATRIUM Join us for hors d'oeuvres and drinks at the informal Poster Session, Happy Hour and Silent Art Auction! Socialize and talk with poster presenters and vendors, catch up with familiar faces, and network with new ones. Each attendee receives a complimentary beer (compliments of Avery Brewing Company and Many Rivers Brewing Company). Cash bar also available.</p>			



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WEDNESDAY, FEBRUARY 8, 2017				
7:30-8:30	Registration & Light Breakfast - Salon III, IV, VI			
Time	Speaker	Presentation Title		
Plenary Session				
8:30-8:35	Welcome and Opening Remarks - Salon I, II, V			
Funding and Restoration Approaches to Benefit Riverside Communities - Salon I, II, V				
8:35-9:00	Fátima Luna, Sonoran Institute	Valuing the Socioeconomic Benefits of Environmental Flows and Restoration in the Colorado River Delta		
9:00-9:25	Jeremy Sokulsky, Environmental Incentives	A Conservation Funding Framework to Support Large-Scale Restoration and Long-Term Stewardship		
9:25-9:50	Kristen Jespersen, Tamarisk Coalition	Restore Our Rivers: A Case Study in Tackling Private Fundraising for Riparian Restoration		
9:50-10:15	Chip Norton, Sinagua Malting Company; Kim Schonek, The Nature Conservancy; Tim Carlson, Many Rivers Brewing PBC and Forever our Rivers Foundation	From Farm to Foundation – An Entrepreneurial Approach to River Conservation		
10:15-10:40	BREAK - 25 minutes - Atrium			
Concurrent Session				
And the River Runs Through It - Salon I, II, V			Beetle-mania - Legends Room	
10:40-11:05	Patrick Shafroth, US Geological Survey	Reciprocal Interactions between Fluvial Processes and Riparian Vegetation at Multiple Scales	Claire Reardon and Caitlyn Willis, Bosque Ecosystem Monitoring Program	Tamarisk Leaf Beetle Monitoring Along the Middle Rio Grande Riparian Corridor
11:05-11:30	Gabrielle Katz, Metropolitan State University of Denver	Current Status and Future Trajectories for the Riparian Forest Along the South Platte River in Colorado	Annie Henry, University of Denver	Spatial Patterns of Beetle-Induced Defoliation of Invasive Tamarisk at the Landscape Level
11:30-11:55	Andrew Norton, Colorado State University	Weed Invasions Along the South Platte River	Levi Jamison, Colorado Plateau Research Station/Northern Arizona University	Temperature, Day Length and Geographic Distribution Data Allows for Prediction of <i>Tamarix</i> spp. Defoliation by <i>Diorhabda carinulata</i>
11:55-12:20	Steven Lee, U.S. Geological Survey	Interactions and Trajectories: a Look at Post Flood Response of Riparian Plant Communities to <i>Diorhabda</i> Invasions Along the Virgin River	Pam Nagler, U.S. Geological Survey	Saltcedar Beetle and Saltcedar Interactions in the Colorado River Basin: Potential for Water Salvage, and Dispersal of Beetles from the Upper to the Lower River Basin

12:20-1:20	LUNCH BREAK - 1st President's Award Presentation - Salon III, IV, VI			
Concurrent Session				
Move Over Tamarisk, Make Some Room for Russian Olive - Salon I, II, V			Satellites and GIS Tools - Legends Room	
1:20-1:45	Curt Deuser, National Park Service	Russian Olive Control Methods	Ahmed Eldeiry, Colorado State University	Tree Species Classification of South Platte Phreatophytes
1:45-2:10	Natalie West, USDA-ARS Northern Plains Agriculture Research Laboratory	Re-establishing Ecological Function After Russian Olive Removal: Passive Versus Active Restoration	Steve Chignell, Colorado State University	Application and Comparison of Satellite Remote Sensing and Species Distribution Models for Mapping Tamarisk
2:10-2:35	Graham Tuttle, Colorado State University	Russian Olive Effects Persist Three Years After Removal	Phoebe McNeally, University of Utah	Designing a Watershed Scale GIS Database for Riparian Restoration: A Case Study in the Colorado River Basin
2:35-3:00	Michael Scott, Emeritus, U. S. Geological Survey	The Role of Invasive Russian Olive and Native Cottonwood In Vegetation Expansion And Channel Narrowing On A Dryland River	Wenjie Ji, The State University of New York at Buffalo	Detection of the Spatiotemporal Patterns of Beetle-Induced Tamarisk (<i>Tamarix</i> spp.) Defoliation Along Lower Rio Grande Using Landsat TM Images
3:00-3:25	BREAK - 25 minutes - Artium (close of Silent Art Auction)			
Plenary Session				
Plants, People, Bugs... Why Should I Care? - Salon I, II, V				
3:25-3:50	Lisa Clark, University of Denver		Human Ecology of <i>Tamarix</i> Invasion Control in Riparian Southwest U.S	
3:50-4:15	Bill Eubanks, Meyer Glitzenstein & Eubanks LLP		When Law and Science Collide: The Application of the Endangered Species Act to the Federal Government's Beetle Permitting Program	
4:15-4:40	Ben Bloodworth, Tamarisk Coalition		2016 Tamarisk Beetle Distribution in North America and Expectations for 2017	
4:40-4:50	CLOSING REMARKS			
5:30-7:30	Social Hour at the Black Bottle Brewery (116 College Ave)			



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FIELD TRIP AGENDA

THURSDAY, FEBRUARY 9, 2017			
Time	Logistics and Cost	Speaker	Description
<i>Option 1: Colorado State Forest Service Nursery Tour</i>			
9:00 am-12:00 pm	Cost: Free. This will be an indoor and outdoor trip. Transportation is not provided. Attendees will need to meet at 3843 W Laporte Ave, Bldg 1060, Fort Collins, CO 80521 at 9:00 am.	Nursery manager, Josh Stolz, and Greenhouse Manager, Zach Clark-Lee, and many more	Attendees will be able to experience first-hand the forefront of Colorado's native, riparian restoration production at the Colorado State Forest Service Nursery. This will include both walking indoors and outdoors to visit the tree processing facility, shop/storage and greenhouse space (all indoors, but can be chilly at times), and the shade houses (outdoors). Through their partnerships with seed collection agencies, the CSFS Nursery has been able to grow out several different deciduous species specifically for riparian restoration. This tour will provide more information about the nursery's: <ul style="list-style-type: none"> • Exclusive production of riparian species in deepots • Ecotypic, riparian seed and cutting production • Native seed collection and stratification
<i>Option 2: Tour of the Campbell Valley Restoration Site: Novel Approaches to Erosion Control and Native Plant Reestablishment in one of Northern Colorado's Most Catastrophically Degraded Watersheds</i>			
8:45 am - 12:00 pm	Cost: \$10 to cover transportation and snacks. Attendees will meet in the lobby of the Hilton at 8:30 am to check in.	Nate Boschmann, Stewardship Coordinator, Wildlands Restoration Volunteers	In the late 1800s 4.8 million cubic yards of soil and an entire riparian ecosystem were washed out of the Campbell Valley by an intentional breach in a newly constructed irrigation canal. Over 100 years later, decades of overgrazing, piles of old tires and ever increasing canal leakage continued to hinder the recovery of this tragically beautiful landscape. WRV and its partners have been restoring this seemingly hopeless watershed on a shoestring budget with donated materials and volunteer labor. After 6 years and many lessons learned, using a variety of innovative and low impact treatments, the signs of tenuous recovery are beginning to show. Logistics: Transportation provided. Shuttles will depart from the lobby of the Hilton at 8:45 am. Attendees will arrive to the Campbell Valley site around 9:30 and depart at 11:20, arriving back to the hotel around 12:00 pm. If you need to drive your own vehicle, you'll need a high clearance vehicle to get to the project site.
<i>Option 3: Interactive Fundraising Workshop - Salon I: Five-Star Fundraising: Working through the Common Challenges of the Resource Development Cycle</i>			
8:00 am - 11:00 am	Cost: Free Workshop will be Located in Salon I at the Hilton. Limited to 50 attendees.	Kristen Jespersen, Tamarisk Coalition, Lindsay Murdoch, Cross-Watershed Network	This Tamarisk Coalition and Cross-Watershed Network-led fundraising training will outline practical methods and tools for implementing the five steps of the Resource Development Cycle (planning, donor identification, cultivation, asking, thanking, and donor involvement). This will be an interactive session that draws on the fundraising successes of the workshop attendees and provides opportunities for participants to identify concrete actions to be taken to help grow their own private fundraising programs.

POSTER PRESENTERS - ATRIUM

Join us for the Poster Session at 5:00 on February 7th! Socialize and talk with poster presenters and vendors, catch up with familiar faces, and network with new ones.

Anna V. Schrenk, Emily Garding, Sara Van Marel, Friends of Verde River Greenway	VWRC: A Collaborative Approach to Improving Riparian Areas in the Verde Watershed
Ben Bloodworth, Tamarisk Coalition	2016 Tamarisk Beetle Distribution Map
Lindsay Murdoch, Cross-Watershed Network	Cross-Watershed Network: Get the Scoop on the Peer-to-peer Knowledge Sharing Network (You've Probably Never Heard Of)
Matthew Johnson, Colorado Plateau Research Station/Northern Arizona University	2012-2016 Tamarisk Leaf Beetle Distribution and Defoliation Rates Along the Rio Grande River, NM Watershed
Natalie Pyrooz and Mike Wight, Southwest Conservation Corps	Weeds Mapping and Treatment on the Navajo Nation and Beyond: Conservation Corps Engaging Native Youth to Connect with and Improve their Lands
Stephanie Minnaert, Escalante River Watershed Partnership	The Essence of the Escalante River and Escalante River Watershed Partnership
Tim Carlson, Many Rivers Brewing PBC, Chip Norton, Sinagua Malting Company; Kim Schonek, The Nature Conservancy; and Forever our Rivers Foundation	From Farm to Foundation – An Entrepreneurial Approach to River Conservation
Tim Graham, University of Utah	<i>Diorhabda carinulata</i> in Grand County Utah, 2004-2016: Summary of Abundance and Distribution, Impact on Tamarisk (canopy mortality), and Ecosystem Response (Plant Recruitment Under Defoliated Tamarisk)