



TAMARISK COALITION'S
RESEARCH AND MANAGEMENT CONFERENCE
RIPARIAN RESTORATION IN THE WESTERN U.S.

FEBRUARY 18-20, 2014

AGENDA



TUESDAY, FEBRUARY 18, 2014

8:00-8:30

Registration and Light Breakfast

8:30-8:40

Welcome and Opening Remarks

8:40-9:05

Steven Acquafresca - Mesa County Commissioner

Speaker

Presentation Title

SOUTH BALLROOM - STATE OF THE STATES

9:05-9:25

Adrian Oglesby -
*Natural Resource
Legal Consultant Ltd.*

Salt Cedar in the Land of Enchantment

9:25-9:45

Tim Christian - *Kansas
Grazing Lands
Coalition, Inc.*

Salt Cedar Control Demonstration Projects in Kansas

9:45-10:05

Steve Ryder - *Colorado
Department of
Agriculture*

State of the States: Colorado's Noxious Weed Program

10:05-10:25

Steve Sauer - *Colorado
Weed Management
Association*

Updates from Colorado Weed Management Association

10:25-10:55

BREAK - 30 minutes

Concurrent Session

EAST BALLROOM - SECONDARY WEEDS AND MONITORING

WEST BALLROOM - THREATENED AND ENDANGERED SPECIES
CONSIDERATIONS IN RESTORATION

10:55-11:15

Mitch Coffin -
*Nebraska Department
of Agriculture*

Invasive Phragmites in the Western US - Overview and Identification

John Toolen - *U.S. Fish
and Wildlife Service*

The Proposed Listing of the Western Yellow-billed Cuckoo as a Threatened Species

11:15-11:35

Cynthia Brown -
*Colorado State
University*The Rocky Mountain Cheatgrass Management Project: Developing a Decision Support Tool for Managing *Bromus Tectorum*Mary Anne McLeod -
*SWCA Environmental
Consultants*

Effects of Tamarisk Defoliation on Southwestern Willow Flycatchers in Southern Nevada

11:35-11:55

Jennifer Schuetz -
*Bosque Ecosystem
Monitoring Program*

Citizen Science in the Middle Rio Grande: Monitoring Ecosystem Health and Tamarisk Leaf Beetles

Lesly Swanson - *Salt
River Project*Rockhouse Riparian Demonstration Project: Creating Breeding Habitat for the Southwestern Willow Flycatcher (*Empidonax traillii extimus*) and Yellow-billed Cuckoo (*Coccyzus americanus*) in Central Arizona

11:55-12:15	Anna Sher - <i>University of Denver</i>	Best Practices for Monitoring Vegetation During Restoration	Daniel Keller - <i>Utah Division of Wildlife Resources</i>	Effects of Flooding and Tamarisk Removal on Habitat for Sensitive Fish Species in the San Rafael River, Utah: Implications for Fish Habitat Enhancement and Future Restoration Efforts
12:15-12:35	Chris Sturm - <i>Colorado Water Conservation Board</i>	CWCB's Measurable Results Program - Monitoring Stream Geomorphology after Stream Restoration and Invasive Removal	James Tracy - <i>Texas A&M University</i>	Southwestern Willow Flycatcher Habitat Suitability and Connectivity Under Simulated Conditions of Tamarisk Beetle Herbivory and Willow Restoration
12:35-1:35	LUNCH BREAK - SOUTH BALLROOM			
Concurrent Session				
EAST BALLROOM - BIOLOGICAL CONTROL			WEST BALLROOM - PARTNERSHIP AND COMMUNITY	
1:35-1:55	Wright Robinson - <i>Grand County Weed Department</i>	Measuring the Effectiveness of the Tamarisk Beetle (<i>Diorhabda carinulata</i>) as a Biocontrol Agent in Grand County, UT Between 2004 and 2013	Chris Aimone - <i>Uinta County Weed and Pest District</i>	Tackling <i>Tamarix</i> : Improving the Blacks Fork River Drainage Through Partnerships and Cooperation
1:55-2:15	Zeynep Ozsoy - <i>Colorado Mesa University</i>	Molecular Identification of the <i>Coniatus</i> species Found in Western United States	Risa Shimoda - <i>River Management Society & Jan Holder - The Gila Watershed Partnership of Arizona</i>	The Cross-Watershed Network: 2014 Actions based on 2013 Learning
2:15-2:35	Dan Bean - <i>Colorado Department of Agriculture</i>	A Review of the <i>Diorhabda</i> Species Complex in Relation to Tamarisk Biological Control in Western North America: What's Out There and What Can We Expect?	Fay Augustyn - <i>American Rivers</i>	Blue Trails: Connecting Communities to Rivers through Recreation
2:35-2:55	Nina Louden - <i>Colorado Department of Agriculture</i>	Mapping, Monitoring, and Current Results of Consecutive Defoliation Events by Northern Tamarisk Beetles in Colorado	Laura Jones - <i>Friends of Verde River Greenway</i>	Private Landowner Recruitment in the Verde Watershed
2:55-3:25	BREAK - 30 minutes			
SOUTH BALLROOM - COMMUNITY AND RESTORATION ECOLOGY				
3:25-3:45	Mike Scott - <i>Utah State University</i>	Has Cottonwood Facilitated the Invasion of Russian-Olive Along the Escalante River?		
3:45-4:05	Cynthia Dott - <i>Fort Lewis College</i>	Variable Response of Willow and Cottonwood to the Hydrology of River Regulation in Southwestern Colorado		
4:05-4:25	Gail Drus - <i>Saint Francis University</i>	<i>Tamarix</i> spp. Invasion and Fire in Desert Riparian Ecosystems		
4:25-4:45	Erin Espeland - <i>USDA-ARS</i>	Soils and Vegetation Change after Russian Olive Removal in Montana		
4:45-5:05	Tim Graham - <i>Grand County (UT) Weed Department</i>	Preliminary Findings for Plant Re-colonization of Land Beneath Beetle-Induced Browning/Re-greening Tamarisk Thickets from 2009 to 2013 in Grand County, Utah		
5:05-5:10	CLOSING REMARKS - SOUTH BALLROOM			
INFORMAL POSTER SESSION/HAPPY HOUR - LOUNGE				
5:15-7:15	Join us for hors d'oeuvres and drinks at the informal Poster Session and Happy Hour in the Lounge! Come socialize and talk with poster presenters and vendors, catch up with familiar faces, and network with new ones.			
GARDENING FOR INSECTS - OR NOT! - EAST BALLROOM				
7:30-9:00	Join us and the Tri River Area Extension for this evening presentation by Dr. Whitney Cranshaw			

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WEDNESDAY, FEBRUARY 19, 2014

8:00-8:30	Registration & Light Breakfast - 1st President's Award Nominations Due		
8:30-8:35	Welcome and Opening Remarks		
Time	Speaker	Presentation Title	
SOUTH BALLROOM - RESTORATION PLANNING			
8:35-8:55	Scott Nissen - <i>Colorado State University</i>	Ecological and Economic Trade-Offs of Integrated Tamarisk (<i>Tamarix</i> spp.) Management Strategies	
8:55-9:15	Christine Rasmussen - <i>Cherokee Services Group/U.S. Geological Survey</i>	Riparian Conservation and Restoration Planning on the Colorado River in Utah	
9:15-9:35	Glen Leverich - <i>Stillwater Sciences</i>	A Restoration Framework for the Upper Gila River, Arizona	
9:35-9:55	Bruce Orr - <i>Stillwater Sciences</i>	Site-scale Restoration Planning on the Lower Virgin River, Arizona	
9:55-10:15	Dave Varner - <i>Natural Resource Conservation Service</i>	<i>Part I:</i> History of the Natural Resource Conservation Service and the Technical Service Provider Program	
10:15-10:45	BREAK - 30 minutes Or tune-in to <i>Part II</i> of Dave Varner's talk: What This Means for Landowners and How to Work With Technical Service Provider Professionals <i>(located in the side conference room - rm. 221)</i>		
Concurrent Session			
EAST BALLROOM - TECHNOLOGY			WEST BALLROOM - CROSS-WATERSHED NETWORK (XWN) WORKSHOP
10:45-11:05	Michael Hutt - <i>U.S. Geological Survey</i>	Unmanned Aircraft Systems for Monitoring Department of the Interior Lands	
11:05-11:25	Austin Jensen - <i>The Utah Water Research Laboratory</i>	AggieAir - A Remote Sensing Unmanned Aerial System for Scientific Applications	
11:25-11:45	Clayton Lewis & Hatim Geli - <i>Utah State University</i>	Estimation of Saltcedar Evapotranspiration through Different Methods	
11:45-12:05	Scott Bockness - <i>Missouri River Watershed Coalition</i>	Bioenergy Investigation – Utilization of Saltcedar and Russian Olive as Feedstocks for Bioenergy Applications	
12:05-12:25	Anna Schrenk - <i>Friends of Verde River Greenway</i>	The Use of Tablet Computers for Field Data Collection in the Verde River Watershed	
12:25-1:25	LUNCH BREAK & 1st PRESIDENT'S AWARD CEREMONY - SOUTH BALLROOM		
NORTH BALLROOM (EAST/WEST) - WATER AVAILABILITY AND CHALLENGES			CONFERENCE ROOM 221 - WORKSHOP: BRIDGING THE GAP BETWEEN LAND MANAGER NEEDS AND SCIENTIFIC RESEARCH

The Cross-Watershed Network [XWN] is an emerging network to connect practitioners through information sharing, collective capacity building, and collaboration across watersheds.

The XWN welcomes all site-based practitioners, watershed and river partnerships, private landowners, public and private agencies, nonprofit organizations, universities, and tribes working toward watershed health.

This workshop will use discussion groups and other approaches to foster peer-to-peer learning around riparian restoration issues. Please check back in the coming weeks for more details. See *flyer on page 47 for more information.*

1:25-1:45	Gay Austin - <i>Bureau of Land Management & Claudia Strijek - Strijek Design</i>	Enhancing Resilience of Wet Meadows in the Gunnison Basin, Colorado	<p>Land managers often have questions about the best way to proceed when managing on-the-ground natural resource projects.</p> <p>Scientific researchers are always looking for new questions to study and answer. How can we better connect the two?</p> <p>Landscape Conservation Cooperatives (LCC's) function to connect these two groups by providing a venue for land managers to voice their natural resource management questions and needs, and then providing funding to scientific researchers to investigate these questions and provide the information land managers need.</p> <p>Come learn more about how LCCs can help you voice and answer your land management/research questions and needs! <i>See flyer on page 46 for more information.</i></p>
1:45-2:05	Peter Culp - <i>Squire Sanders</i>	Water Challenges in the Colorado River Basin	
2:05-2:25	Amy Beatie - <i>Colorado Water Trust</i>	Temporary Instream Flow Leasing: Colorado Water Trust's Request for Water Program	
2:25-2:45	Steven Vrooman - <i>Keystone Restoration Ecology</i>	Bank Erosion Repair with Sod Tiles on the Valles Caldera National Preserve	
2:45-3:05	Gigi Richard - <i>Colorado Mesa University</i>	Assessment of Geomorphic Impacts of Riparian Vegetation Removal on the Colorado River	
3:05-3:35	BREAK - 30 minutes		
NORTH BALLROOM (EAST/WEST) - WILDLIFE			CONFERENCE ROOM 221 - WORKSHOP: BRIDGING THE GAP BETWEEN LAND MANAGER NEEDS AND SCIENTIFIC RESEARCH
3:35-3:55	Theresa Pope - <i>Utah Division of Wildlife Resources</i>	20-year Trends for Riparian Birds in Utah	
3:55-4:15	Derek Uhey & Amanda Rowe - <i>Fort Lewis College</i>	The Effects of <i>Tamarix</i> spp. on the Arthropod Communities Along The Dolores River, Big Gypsum Valley, Colorado	
4:15-4:35	Brian Laub - <i>Utah State University</i>	Restoration and Monitoring Plan for Native Fish and Riparian Vegetation on the San Rafael River, Utah	
4:35-4:55	Sean Mahoney - <i>Northern Arizona University</i>	Investigating the Potential of Introduced Tamarisk Leaf Beetles as a Food Source for Riparian Nesting Birds	
4:55-5:00	SOUTH BALLROOM - CLOSING REMARKS		

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THURSDAY, FEBRUARY 20, 2014 - FIELD TRIP ITINERARY

Sign up at the Registration Table to join us for all three parts or a portion of this half day adventure in the field - limited to the first 50 participants

Time	Speaker	Activity	Description
8:15-9:00		Meet in lobby of SpringHill Suites and carpool to local restoration site at Riverbend Park	
9:00-9:45	Frank Watt, <i>Public Works Director for the Town of Palisade</i>	Tour of local restoration site	In June 2011, flooding of the Colorado River caused significant bank erosion in Riverbend Park in Palisade, CO. After the flooding, the Town Board of Trustees set it as a priority to restore the vegetation that had been lost and protect the riverfront trail that runs through the park. Take part in touring this beautiful site with Public Works Director for the Town of Palisade, Frank Watt, to see first-hand the restoration that has taken place through coordinated community efforts.
9:45-10:00		Carpool to Palisade Insectary	
10:00-11:00	Dan Bean, <i>Insectary Manager for the Colorado Department of Agriculture</i>	Colorado Department of Agriculture, Palisade Insectary	This will be a short walking tour of the Colorado Department of Agriculture, Palisade Insectary. The Insectary has long been a promoter of the use of biological control in weed and insect pest management and is home to about 20 different species of biological control agents. Join us for a closer look at these insects and the unique rearing processes, as well general information on past and future efforts by the CDA's Biological Pest Control Program.
11:00-11:15		Carpool to Brewery	
11:15-TBD	Palisade Brewing Company	Time to relax! Enjoy some local beer and a tour of the brewery.	