

17th Annual RiversEdge West
RIPARIAN RESTORATION CONFERENCE
POSTER PRESENTATIONS

FEBRUARY 5–6, 2019

Posters will be displayed throughout the first two days of the conference.

Attend the poster session and happy hour on February 5th from 5 pm—7 pm to discuss with poster presenters and exhibitors.

Do Invasive Tamarisk Trees Form Symbioses with Root-Associated Fungi?

Abril Belegara-Andrew, St. Mary's College, San Antonio and Texas & Northern Arizona University

Proposed Research: Endangered Species Habitat & Ecosystem Services in Novel Systems

Alexander Goetz, University of Denver

What Effects Do Beneficial Fungi & Tamarisk Legacy Have on the Rooting Structure of Fremont Cottonwood in the Southwestern US Riparian Systems?

Alexandra Cole, Northern Arizona University

The Role Dark Septate Endophytes Play in the Success of *Tamarix* spp.

Alexandra Schuessler, Northern Arizona University

Save Our Bosque Task Force: Bridging River and Community

Amy Erickson, Save Our Bosque Task Force

Arizona Game and Fish Department In-Lieu Fee Compensatory Mitigation Program: Arlington Wildlife Area In-Lieu Fee Mitigation Project

Angela Stingelin, Arizona Game and Fish Department

Impact of *Tamarix* Biocontrol on Understory Plant Community Traits

Annie Henry, University of Denver

RiversEdge West Annual Tamarisk Beetle Distribution Map

Ben Bloodworth, RiversEdge West

Current Restoration within the Rattlesnake Creek Basin to Support Historic Conservation Strongholds

Bob Atchison, Kansas Forest Service

Hydraulic Trait Variation of an Invasive Tree Species in the Southwestern US

Dan Koepke, Desert Botanical Garden

A Decision Tree to Inform Restoration of Salicaceae Riparian Forests in the Northern Hemisphere

Eduardo Gonzalez, Colorado State University, University of Denver

Evidence for Local Adaptation in Hydraulic Architecture of Non-Native *Tamarix* spp.

Emily Johnson, Northern Arizona University

Plant Rhizosphere Contributions to Soil Aggregation in a Riparian Buffer

Grant Falvo, Arizona State University

Phenotypic Variation, Maladaptation & Assisted Migration: The Asymmetry of *Populus fremontii* in Two Common Gardens

Jackie Parker, Northern Arizona University

17th Annual RiversEdge West

RIPARIAN RESTORATION CONFERENCE

POSTER PRESENTATIONS

FEBRUARY 5–6, 2019

Posters will be displayed throughout the first two days of the conference.
Attend the poster session and happy hour on February 5th from 5 pm—7 pm to discuss with poster presenters and exhibitors.

Planning Site Restoration of Southwestern Willow Flycatcher Habitat with High Resolution (1m) Flycatcher Niche Models Incorporating Classification of Tamarisk, Willow & Cottonwood from Aerial Imagery

James Tracy, Texas A&M University

Wet-Dry Mapping the Rio de Flag

John Leary, Northern Arizona University

Defining Groundwater-Dependent Ecosystems and Assessing Critical Water Needs for Their Foundational Plant Communities

John Stella, State University of New York College

Private Lands Stewardship: A Model for Landscape-Level Conservation in the West

Kelsea Holloway, Bird Conservancy of the Rockies

Riparian Plant Community Response to Fire in the Middle Rio Grande

Lauren Bansbach, University of New Mexico

The Human Component of Restoring *Tamarix* Invaded Land

Lisa Clark, University of Denver

Rio Reimagined Landscape-Scale Collaboration: 1) Arizona Game & Fish: Arlington Wildlife Area, 2) Lower Gila River Collaborative, & 3) Flood Control District of Maricopa County: Pilot Projects

Melissa McCann and Kelly Wolff, Lower Gila River Collaborative

Where Are the Tall Cottonwoods?

Melissa Stamp, Utah Reclamation Mitigation and Conservation Commission

Identifying Restoration Priorities for the Southwestern Willow Flycatcher Based upon Impacts of Tamarisk Leaf Beetle (*Diorhabda* spp.) in the Middle Rio Grande

Ondrea Hummel and Danielle Galloway, Tetra Tech

Remote Sensing Time-Series Analysis of Plant Cover Change & Ecosystem Recovery in Restoration Areas in the Southwestern USA

Pam Nagler, U. S. Geological Survey

Comparison of Mechanical Removal and Basal Bark Herbicide Treatments on Russian Olive Regrowth

Ron Patterson, University of Idaho Extension

El Rio Pilot Project

Theresa Pinto, Flood Control District of Maricopa County