

# ***Planning and Implementing Wet Meadow and Riparian Restoration Workshop with Bill Zeedyk and Shawn Conner***

August 22-23, 2018 in Grand Junction Colorado

Workshop is supported by a grant from the National Fish and Wildlife Foundation's Sagebrush Landscapes Program

The workshop is made possible by assistance from Colorado Parks and Wildlife (CPW), Upper Gunnison River Water Conservancy District (UGRWCD), The Nature Conservancy (Colorado State Office), BLM Grand Junction Field Office, Zeedyk Ecological Consulting LLC, and BIO-Logic, Inc.

**Questions or Comments** - please contact Thomas A. Grant III PhD ([UGrestoration@gmail.com](mailto:UGrestoration@gmail.com); 970 641-6065; contractor to UGRWCD)

## **Suggested Pre-Workshop Readings:**

- Hand-Built Structures for Restoring Degraded Meadows in Sagebrush Rangeland - Examples and lessons learned from the Upper Gunnison River Basin, Colorado. 2018. NRCS Technical Note No. 40 by Jeremy Maestas et al. (<https://www.sagegrouseinitiative.com/starter-guide-for-healing-incised-meadows-with-hand-built-structures-in-sagebrush-country/>)
- Zeedyk, W.D. and S. Vrooman (2017). The Plug and Pond Treatment: Restoring Sheetflow to High Elevation Slope Wetlands in New Mexico. New Mexico Environment Department, Surface Water Quality Bureau Wetlands Program (NMED-SWQB). ([https://www.env.nm.gov/wp-content/uploads/2018/01/Valle\\_Seco\\_Plug\\_and\\_Pond.pdf](https://www.env.nm.gov/wp-content/uploads/2018/01/Valle_Seco_Plug_and_Pond.pdf))

## **Workshop Agenda**

**Wednesday August 22<sup>nd</sup>, 2018** - Classroom Session (BLM Grand Junction Field Office - 2815 H Road, Grand Junction, CO 81506; [Link to Google Map](#))

- 12-12:30pm: Registration
- 12:30-12:45pm: Welcome and Introductions by Tom Grant (UGRWCD) and Dan Neubaum (CPW)
- 12:45-1:45pm: Overview of meadow/riparian restoration by Bill Zeedyk (Reading the Landscape; Restoration Trilogy, Developing Restoration Objectives and Expectations)
- 1:45-2:15pm: Types of restoration structures and general purposes by Bill Zeedyk
- 2-2:30pm: *Break (light refreshments provided)*
- 2:30-3:30pm: Site prioritization/selection and restoration planning by Shawn Conner

### Wednesday August 22<sup>nd</sup>, 2018 Continued...

- 3:30-4pm: Funding for restoration and overview of project logistics by Tom Grant
- 4-5pm: Discussion and Q&A - Incorporating restoration objectives into design process, available tools/methods, and project expectations with Bill Zeedyk and Shawn Conner
  
- 6:30pm: Social Hour (location TBD...)

### Thursday August 23<sup>rd</sup>, 2018 - Field Session on private land at Pinon Mesa

- 7am: meet at BLM Grand Junction Field Office and determine carpooling options
  - \*We'll need a few SUV's or 4x4 vehicles to carpool to the field site. If you have an appropriate vehicle and am willing to drive, please contact Tom Grant to confirm carpooling plans.
- 7:30am: Depart for field site on private land at Pinon Mesa
- 8:30-10:30am: Reading the Land - walk through of Rosgen "E" type channel that is downcutting through a large wet meadow system; Development of restoration objectives; Discussion of potential restoration structures and locations
- 10:30-11am: Drive to second field site (Upper Basin)
- 11-12pm: Reading the Land - walk through of upper basin and discussion of issues and potential restoration work
- **12-12:45pm: Lunch (Bring your own sack lunch; Water and Light Snacks Provided)**
- 12:45-1:15pm: Introduction to Group Projects - Break into five person groups, Identify work site for each group, Overview of group projects (Define problem, Identify management options, document restoration objectives, develop brief restoration plan/design (including funding, logistics, and timeline)
- 1:15-3pm: Groups focus on restoration planning and design (Bill, Shawn, Dan, and Tom float between groups)
- 3-5pm: Brief presentation by each group and discussion (~10 minutes per group) - provide overview of your management problem, restoration objectives, restoration plan/design, and expected outcomes
- 5pm: Depart Pinon Mesa (expected arrival at BLM Grand Junction Field Office at 6pm)

**\*Field work equipment and safety** - please dress appropriately for a long day in the field. We recommend bringing water, sunscreen, sunhat, rain gear, and closed toe shoes that are comfortable for hiking. You may also want to bring a field note book, clipboard, compass, clinometer, and measuring tape, but these items are optional.

**Health Issues and Physical Capabilities** - please contact Tom Grant ([UGrestoration@gmail.com](mailto:UGrestoration@gmail.com); 970 641-6065) if you have any health issues that the workshop organizers should be aware of or have any concerns about the physical aspects of the field portion of the workshop. We will do all we can to accommodate your needs.

## **General Information (Travel & Lodging)**

Grand Junction Colorado is located 243 miles west of Denver, CO on Interstate 70. It is a four-hour drive from Denver. Grand Junction is a larger city for the western slope of Colorado and has all primary services, including a hospital and university (Colorado Mesa University).

### **Hotels near BLM Grand Junction Field Office (2815 H Road):**

- Courtyard by Marriot Grand Junction (~\$139/night; (970) 263-4414;  
<https://www.marriott.com/hotels/travel/gjtcy-courtyard-grand-junction/>)
- Residence Inn by Marriot Grand Junction (~\$129/night; (970) 263-4004;  
<https://www.marriott.com/hotels/travel/gjtri-residence-inn-grand-junction/>)
- Holiday Inn Grand Junction-Airport (~\$100/night; (970) 424-5888;  
<https://www.ihg.com/holidayinn/hotels/us/en/reservation>)
- Quality Inn Grand Junction (~\$80/night; (970) 245-7200;  
<https://www.choicehotels.com/colorado/grand-junction/quality-inn-hotels/co073?source=gyxt>)
- Super 8 by Wyndom Grand Junction (~\$70/night; (970) 248-8080;  
[http://www.guestreservations.com/super-8-grand-junction-colorado/booking?gclid=CjwKCAjwwJrbBRAoEiwAGA1B\\_eYAgISjBdzTmzSsQ1xfu4IFuYCO\\_LJsbOybv79H1tqv58sTswJr5ERoCn1QQAvD\\_BwE](http://www.guestreservations.com/super-8-grand-junction-colorado/booking?gclid=CjwKCAjwwJrbBRAoEiwAGA1B_eYAgISjBdzTmzSsQ1xfu4IFuYCO_LJsbOybv79H1tqv58sTswJr5ERoCn1QQAvD_BwE))
- Motel 6 Grand Junction (~\$55/night; (970) 243-2628;  
<https://www.motel6.com/en/motels.co.grand-junction.8963.html>)

**Restaurants** - There are lots of restaurants within walking distance or a short drive of the BLM Grand Junction Field Office and the nearby hotels. Here is a link to Google Map for Grand Junction CO with the restaurants selected:

<https://www.google.com/maps/search/restaurants+near+Grand+Junction,+CO/@39.0725519,-108.585151,13z/data=!3m1!4b1>