

# Upcoming Educational Events at Cottonwood Ranch

Sponsored by the Western SARE, the Northeast Elko  
Conservation District, the University of Nevada, Reno  
Extension, and Cottonwood Ranch



University of Nevada, Reno



**EXTENSION**  
College of Agriculture,  
Biotechnology & Natural Resources

# Proper Functioning Condition (PFC) Riparian Workshop

Date: June 21st and 22nd

Time: 9:00 AM on the 21st to 4:00 PM on the 22nd (PT)

Facilitator: Dr. Sherman Swanson

## Synopsis

The Riparian class at the Cottonwood Ranch will focus on the needs of landowners and permittees. It will feature going to learn from various places on Cottonwood Creek on 6/21 and going to lentic spring meadows or ponds on 6/22. At each location, we will discuss riparian functions (PFC assessment) as the first step in integrated riparian management. Then we will discuss the remaining steps as related to that location.

1. Values such as fish, frogs or forage
3. Importance for management
4. SMART objectives
5. Management or recovery tools and strategies
6. Monitoring of strategies and objectives
7. Possible adaptations to management if progress meets expectations or not.

## Attendance and Lodging

Class: Free

Lodging at Cottonwood Ranch:

Single (\$180 per night)

Double (\$80 per night)

RV (\$55 per night)

Meals (\$50 per day)

## Range Plant Identification

Date: July 7th and 8th

Time: 10:00 AM on the 7th to 12:00 PM on the 8th (PT)

Facilitator: Gerald Miller

### Synopsis

A workshop geared towards local plant ID in Northern Nevada. Students will be instructed in practical plant ID out on the range and discuss the management of multiple species. Attendees will be able to take home some pressed plants as well if desired. Two resource books by Barry Perryman will be provided.

### Attendance and Lodging

Class: Free

Lodging at Cottonwood Ranch:

Single (\$180 per night)

Double (\$80 per night)

RV Spots (\$55 per night)

Meals (\$50 per day)

## Soils Workshop

Date: July 21st and 22nd

Time: 9:00 AM to 4:00 PM on the 21st, 8:00 AM to 3:00 PM on the 22nd (PT)

Facilitator: Dr. Nicole Masters

### Synopsis

This two-day workshop will cover topics that deepen the students' understanding of soil health and soil microbes, the role of soil microbes and how they affect ranch performance, the enhancement of water, carbon, and nutrient cycles, and using livestock to improve microbial function. Students will also receive knowledge of tools that they can use to monitor their ranch soils' status and trend.

### Attendance and Lodging

Class: \$500, includes the two-day workshop and breakfast, lunch, and dinner each day  
Lodging at Cottonwood Ranch (first come first serve):

Single (\$180 per night)

Double (\$80 per night)

RV Spaces (\$55 per night)

## Sage Grouse Festival

Date: August 4th, 5th, and 6th

Times: TBD

Location: Cottonwood Ranch

### Synopsis

The Sage Grouse Festival will be a celebration of the sage grouse species in the form of educational talks and resources provided by the various professionals from US Fish and Wildlife, the Nevada Department of Wildlife, the Bureau of Land Management, and other associated entities. There will also be a dance and barbeque social.

### Attendance and Lodging

Lodging at Cottonwood Ranch:

Single (\$180 per night)

Double (\$80 per night)

RV Spots (\$55 per night)

Food can be purchased

Attendance fees are to be determined

## State and Transition Model Workshop

Date: September 14th and 15th

Times: TBD

Facilitator: Dr. Tamzen Stringham

### Synopsis

This workshop will focus on State and Transition Models in Nevada and how they are associated with Major Land Resource Areas and Ecological Site Descriptions. Students will be educated on how these models work and how they can be practically applied to land management strategies, including how they are grouped into Disturbance Response Groups for larger scale systems. This class will include a combination of classroom and outdoor field sessions.

### Attendance and Lodging

Class: Free

Lodging at Cottonwood Ranch:

Single (\$180 per night)

Double (\$80 per night)

RV Spots (\$55 per night)

Meals (\$50 per day)

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**To register for these events or for more information, please contact:**

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