

# 2011 EBIPM Field School

September 13-15 in Park Valley, Utah

Ecologically-based Cheatgrass  
& Medusahead Management

Adaptive  
Management

Preventing  
Invasion

Revegetation

**Registration fee  
\$275.00/student  
(includes meals)**

**Partial proceeds  
will support the  
PV PTA for  
preparing meals**

**Producer  
Scholarships  
available!**

**Tent or Trailer  
camping sites  
available**

AREA-WIDE

**EBIPM**

SCIENCE-BASED SOLUTIONS  
FOR INVASIVE ANNUAL GRASSES

For more information, contact Brenda  
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(541) 573-4084 or go to [www.ebipm.org](http://www.ebipm.org).

**Sponsored by the Western Society of Weed Science**



# EBIPM 2011 Field School Agenda

**Monday evening Sept 12** - Arrive in Park Valley if camping , early registrations.

## Tuesday, September 13—Park Valley

- Welcomes, Introductions and Expected Outcomes: The goal of this course for you to leave with an understanding of how to apply the principles of ecologically-based invasive plant management (EBIPM) and to know how to implement an integrated management program for invasive plant species.
- Why we need EBIPM—Recognizing True Causes of Invasive Species—Roger Sheley
- Creating and Meeting Land Use Objectives with EBIPM—Chad Boyd
- The Three Causes of Succession and Why It Matters in Invasive Plant Management (Field Demonstration)- Roger Sheley
- Lunch Break

Using EBIPM—Step by Step

**Step 1:** Linking Rangeland Health Assessment to Ecological Processes in Disrepair

- Introduction to Rangeland Health Assessment and Using Rangeland Health Indicators to Assess the Ecological Processes in Disrepair- Mike Pellant and Roger Sheley
- Dinner Break
- After Dinner Session—Visit with Ranchers Currently Implementing EBIPM programs



## Wednesday, September 14

**Step 2:** Identifying the Causes of Invasion and Ecological Processes in Disrepair - What's going on out on the land?

Site Availability:

- The Link Between Historical Disturbances and Present Management - Lesley Morris
- How to Use Disturbance to Favor Desired Species and Disfavor Undesired Species—Jeremy James
- Manipulating Disturbances: The Tools & Techniques—Stuart Hardegree

Species Availability:

- Enhancing the Establishment of Desired Species—Jane Mangold
- Lunch Break
- Preventing the Spread of Invasive Species—Corey Ransom

Species Performance:

- Life History Traits to Determine Patterns of Species Establishment - Jeremy James
- Resource Availability and the Principles Influencing Plant Diversity - Josh Leffler
- Stress & Competition: Ecological and Genetic Principles to Improve the Performance of Desired Species and Reduce Competition from Invasive Species - Tom Monaco and Tom Jones
- Dinner Break
- After Dinner Session— **Step 3:** Using Principles to Guide Management Decisions— Roger Sheley



## Thursday September 15

**Step 4:** Choosing Appropriate Tools and Strategies to Develop an EBIPM Plan

- What to Know about Using Herbicides in EBIPM—Brenda Smith
- Biological Control for Invasive Annual Grasses - Tony Svejcar/ Ann Kennedy
- Integrated Tools: Fire, Grazing, Cover Cropping in EBIPM Management—Tom Monaco

**Step 5:** Designing an EBIPM Plan and Using Adaptive Management

- Implementing EBIPM —Group Breakouts with Instructors
- Lunch Break
- Group Presentations
- The Future for EBIPM—Chris Call
- Graduation and Evaluation Time

