

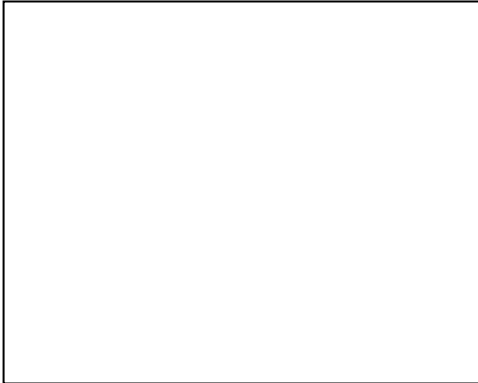
29th Annual Southwest Noxious Weed Short Course
San Juan College, Farmington, New Mexico
July 18 – 20, 2023

All Times for The Short Course are MDT

Tuesday, July 18, 2023: (Tracks 1 and 2 meet together)

Area for Doodling or Note Taking

- 8:00 AM **Introduction**
 Dr. Larry Howery, University of Arizona
- 8:45 AM **“Introduction to Noxious/Invasive Weeds”**
 Dr. Richard D. Lee, USDI-BLM
- 9:30 AM **“Federal Perspective: Noxious Weed Program”**
 Dr. Cristina Francois, USDI-BLM (AZ State Office)
- 9:50 AM **“State Perspective: Noxious Weed Program”**
 New Mexico – Tanya Duncan, Taos Soil & Water
 Conservation District
 Arizona – Dr. John Brock, Arizona State University, Retired
- 10:10 AM **BREAK**



TRACK #1 – Meets in Room # 9008

TRACK #2 – Meets in Room # 9010

- 10:30 AM **“Basic Plant Biology and Identification Principles”**
 Dr. Leslie Beck, New Mexico State University
- 11:15 AM **“Invasive Grasses of the Southwest – Buffleggrass, Red Brome, Medusahead Rye, Ventenata, and Downy Brome”**
 Dr. K. George Beck, Alligare
- 12:00 PM **LUNCH**
- 1:15 PM **“Invasive Broadleaves of the Southwest”**
 Dr. Richard D. Lee, USDI-BLM
- 2:15 PM **“Invasive Woody Species of the Southwest”**
 Russell Fox, USDI-BLM
- 3:00 PM **BREAK**
- 3:15 PM **“Poisonous Plants”**
 Dr. Larry Howery, Univ. of Arizona
- 4:00 PM **“Principles of Biological Control”**
 Dr. Joanie King, New Mexico State Univ.
- 4:45 PM **ADJOURN FOR THE DAY**

- 10:30 AM **“What is the Latest Management Information for Woody Species in the Southwest”**
 Dr. John Brock, Arizona State University, Ret.
- 11:15 AM **“EcoRestore: One Stop Shopping for Restoration and Weed Control”**
 Dr. Elise Gornish, University of Arizona
- 12:00 PM **LUNCH**
- 1:15 PM **“Important Variables Driving Buffelgrass Cover and Habitat Effects”**
 Dr. Elise Gornish, University of Arizona
- 2:15 PM **“Prescribed/Targeted Grazing”**
 Dr. Larry Howery, Univ. of Arizona
- 3:00 PM **BREAK**
- 3:15 PM **“Southwest Biological Control Update”**
 Dr. Joanie King, New Mexico State Univ.
- 4:00 PM **“Riparian Weed Management: Useful Tools for Treatment and Restoration”**
 Mark (Sparky) Taber, Retired USDI-BLM
- 4:45 PM **ADJOURN FOR THE DAY**

FIELD TRIP NOTE: Bring a hat, insect repellent, and sunscreen for the field trip. We will provide the water.

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Wednesday, July 19, 2023:

TRACK #1 – Meets in Room # 9008

TRACK #2 – Meets in Room # 9010

8:00 AM	“Principles of Herbicides” Dr. Leslie Beck, New Mexico State University	“Mechanisms of Herbicidal Activity in Plants” Dr. Richard D. Lee, USDI-BLM
8:45 AM	“Herbicides and Plant and Soil Environ.” Dr. Richard D. Lee, USDI-BLM	“Herbicide Resistance What it is and How-to Avoid It” Dr. K. George Beck, Alligare
9:30 AM	“Arizona’s Invasive Plant Program & Grant Opportunity” Willie Sommers – AZ Dept of Forestry and Fire Management	“Restore New Mexico” Ty Carter, USDI-BLM
10:15 AM	BREAK – Open Partition	BREAK – Open Partition
10:30 AM	“Combining All Management Options into an Integrated Weed Management Effort” Dr. Richard D. Lee, USDI-BLM	
11:15 AM	Pre-Field Trip Discussion Dr. Richard D. Lee, USDI-BLM	
11:30 AM	LUNCH	
12:30 PM	FIELD TRIP (BOTH TRACKS) -- Meet in the Parking Lot of San Juan College Points of Interest – Subject to Change: <ol style="list-style-type: none"> 1. City of Farmington – Russian Knapweed Biological Control 2. City of Farmington – Russian Knapweed 3. City of Farmington – Salt Cedar Biological Control and Mechanical Removal 4. LaPlata Highway – Roadside Field Transition 5. LaPlata Highway – Musk Thistle – Biological Control 6. LaPlata Highway – Border Turn-out – Selected Species Description 7. Colorado State Road 100 – Summary Discussion and Yellow Toadflax 8. Colorado 141 – Toadflax Hill 	

Arrive in Durango by Late Afternoon – 5:00 PM
 Leave Durango Early Evening – 7:00 PM

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Thursday, July 20, 2023: (Tracks 1 and 2 meet together)

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- 8:00 AM **Field Tour Small Group Discussion:**
- Facilitator: Richard D. Lee, USDI-BLM
Group 1. Biological Control of Russian Knapweed
Group 2. Russian Knapweed in the City of Farmington
Group 3. Salt Cedar Management in this Area
Group 4. Leafy Spurge and the Four Corners Area
Group 5. How to Address Potential New Invasive Plant Species Coming into the Area
Group 6. How to Tell the Story of the Impacts Associated With Invasive Species
Group 7. What Species Would You Target in the Area for the Development of Management Plans
Group 8. What can the State/Federal Agency/Business You Work for Do to Improve Its Effort(s).
- 9:15-9:30 AM BREAK
- 9:30-10:15 AM **“Unmanned Aerial System (UAS) and It’s Role in Vegetation Management”**
Sam Cox – USDI-BLM, Wyoming State BLM Office
- 10:15-11:00 AM **“From Lab to Label”**
Dr. Jesse Richardson, Corteva
- 11:00-11:30 AM **Attendee Open Forum – Final Discussion**
Dr. Richard D. Lee, USDI-BLM
- 11:30 AM - Noon **Course Evaluation**
- 12:00 PM **ADJOURN and HAVE A SAFE TRIP HOME, OR TO WHEREVER YOU ARE GOING.**



Area for Doodling or Note Taking

