

Nevada Section Society for Range Management

2017 Winter Meeting

*Plant Materials and
Methodologies for
Great Basin Rangelands*

January 10-11, 2017 ♦ Reno, Nevada



Agenda at a Glance

Tuesday, January 10th

- 8:00am Registration
 Meeting in Bonanza Room A
 Registration's open all day!
- 9:00am **Challenges in Restoring and Rehabilitating Arid Lands**
Jay Davidson, Alternative Crops and Forage Specialist
University of Nevada Cooperative Extension
- 9:45am **Cheatgrass Soil Engineering/Perennial Grass**
Suppression of Cheatgrass: The Yin and Yang of Plant
Competition in Northern Nevada
Dr. Robert Blank, Soil Scientist, USDA-ARS Great Basin
Rangeland Research Unit
- 10:30am BREAK
- 10:45am **The Role of Weed Control in Rangeland Rehabilitation**
Dan Harmon, Range Science Technician, USDA-ARS Great
Basin Rangelands Research Unit
- 11:30am **Support the Future - High School Youth Forum**
"Keeping up with Conservation" - Letty Vega
- 11:45am LUNCH
- 1:15pm **Establishment of Native and Introduced Perennial**
Grass Species in Rangeland Seeding
Dr. Kevin Jensen, Research Geneticist, USDA-ARS Range and
Meadow Forage Management Research Unit
- 2:00pm **Revegetation of Exotic Annual Grass-invaded**
Rangelands
Dr. Kirk Davies, Rangeland Scientist USDA-ARS Range and
Forest Research Unit

2:45pm BREAK

3:00pm **Using Drones for Rangeland Analysis and Monitoring**
Kirk Ellern, AboveNV drone data & services

3:45pm **Panel Discussion**

5:30pm Cocktails, dinner, awards and fun
Sante Fe Hotel Basque Restaurant, 235 Lake St,

Wednesday, January 11th

8:00am Section Business Meeting

1:00pm 2018 SRM planning committee
Brief walking tour of 2018 SRM meeting facilities

Adjournment and Safe Travels!

The business meeting is held for the Section to conduct general Section business which includes, budgeting, strategic direction development, issue awareness, volunteer management, operations management, planning and communication. We encourage all members to explore opportunities to get involved with the operation of their organization for the good of the organization and rangelands. These meetings represent an opportunity to grow personally and become more involved in your Society. The Section leadership team sincerely invites your attendance and input!



Overview of Programs

Challenges in Restoring and Rehabilitating Arid Lands

9:00am

Jay Davidson has been an alternative crops and forage specialist with the University of Nevada Reno Cooperative Extension for over 25 years. Jay's major interests are livestock grazing as an environmental management tool, evaluating low water use, high-value alternative crops suitable for producers, invasive weed control, and forage production/harvest strategies.

Cheatgrass Soil Engineering/Perennial Grass Suppression of Cheatgrass: The Yin and Yang of Plant Competition in Northern Nevada.

9:45am

Dr. Robert Blank is a soil scientist with the USDA Agricultural Research Service. Dr. Blank has conducted research in the Great Basin for the past 30 years. Major areas of research include plant-soil relationships of invasive weeds, understanding how perennial grasses suppress annual weeds, and genesis and morphology of Great Basin soils.

BREAK

The Role of Weed Control in Rangeland Rehabilitation

10:45am

Dan Harmon is a range science technician for the USDA Agricultural Research Service. Working for the USDA-ARS for nearly 20 years, he mentored under Dr. James Young (noted USDA-ARS scientist) and Charlie Clements. His main areas of research are plant material testing, germination research and range improvement practices.

Support the Future – High School Youth Forum

“Keeping up with Conservation”

11:30am

Letty Vega is a senior at Elko high school where she is actively involved in FFA. After high school she plans to attend college to become a veterinarian. Her family has been ranching in Northern Nevada since the 1890's, which gives her a love for the outdoors and ranching.

The High School Youth Forum (HSYF) program began in 1966. High school age delegates are selected for participation in the Forum by the Sections of the Society based on their interest, achievements and activities in range and natural resource management at the Section level. Beginning in the early 1970's, the program format began to encourage forum delegates to prepare a 6 to 8 minute formal presentation on a range-related topic. The HSYF paper presentation session today is treated similar to other formal, educational annual meeting sessions. For our Section sponsored youth, this effort has brought about a true educational process. These youth select a topic by visiting and working with Society members, research an idea, prepare a written paper, and then present the main ideas of the paper in a formal speaking presentation. The Forum delegates most often continue to use their presentation in other youth competitions, as speakers at various summer camps and local organization meetings, and serve as ambassadors in their states or sections for range stewardship.

The Nevada section of the Society for Range Management would like to thank the following organizations for their support for this meeting



**Agricultural
Research
Service**



University of Nevada
Cooperative Extension



11:45pm

LUNCH

Enjoy lunch on your own with friends and colleagues. The Nugget offers a variety of dining options. Directly across the street from the Nugget there are also dining options, Great Basin Brewery, Cantina Los Tres Hombres and Blind Onion Pizza Pub.

Establishment of Native and Introduced Perennial Grass Species in Rangeland Seeding

1:15pm

Dr. Kevin Jensen is a research geneticist with the USDA Agricultural Research Service. For more than 30 years, he has developed improved rangeland plant materials to meet the demands of rangeland resource management. His current research includes the development of wheatgrass and wildrye cultivars with increased germination, seedling establishment, biomass, and persistence that are better able to compete against undesirable weedy species in disturbed dryland environments.

Revegetation of Exotic Annual Grass-invaded Rangelands

2:00pm

Kirk Davies is a Rangeland Scientist with the USDA-Agricultural Research Service. Dr. Davies' research focuses on vegetation patterns, disturbance ecology, climate and management influences on rangeland vegetation, sagebrush-bunchgrass community ecology, and invasive plant prevention, control, and ecology.

BREAK

Using Drones for Rangeland Analysis and Monitoring

3:00pm

Kirk Ellern is the CMO/Co-Founder for AboveNV, a drone and data service. His professional experience includes 15 years in developing new technologies in the consumer and OEM electronics industry. Kirk's background is in developing customer-focused product solutions using new technologies and drives AboveNV's strategic focus.

Panel Discussion

3:45pm

Open forum for specific questions, comments and concerns.

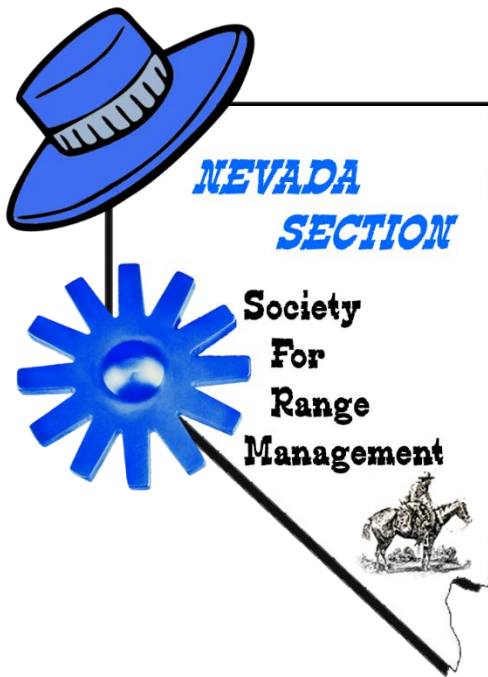
Evening Dinner and Awards Ceremony

5:30pm

The Sante Fe Hotel Basque Restaurant. The Basque family style restaurant and lounge is where we will be having our dinner and awards ceremony. Cocktails at 5:30pm, Dinner and Awards at 6:30pm.

The Sante Fe Hotel, 235 Lake St. Reno NV 89501
(775) 323-1891





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The mission of the Nevada Section is to foster the advancement of the science and art of managing Rangelands. Our emphasis is within the State of Nevada, but our concerns transcend state and national boundaries. The Nevada Section promotes enhancing the conservation and sustained use of natural resources and ecological services present on Rangelands, that are required to support the high standard of living expected by our Society. The Nevada Section attempts to do this by stimulating discussion and understanding of scientific and management problems and issues on public and private rangelands. The Nevada Section serves as a medium for the exchange of facts, knowledge, concepts, and ideas among Section members, and between rangeland professionals and the broader public. Our ultimate goal is to improve management on rangelands in our Section, so that natural resources desired or required throughout Society are available to all, in perpetuity

<http://www.rangelands.org/nevada/>