

Society for Range Management-Winter Meeting-Emerging Technologies for both Ranchers and Agencies

Friday, December 13

Registration opens at 8:00am

Dinner at 5:30

Business meeting Saturday,
December 14 at 9:00am



Great Basin College

High Tech Center

1290 Burns Rd

Elko, NV 89801

And the NV Ag Foundation

Come join us to learn about various technological tools that can help you make better land management decisions. This workshop will include information about various levels of technology so that there will be something for everyone. All are welcome; producers, agency employees and others. Learn to use the tools that will help us all speak the same language.

Each presenter will give a 20-30-minute overview of an emerging technology. After lunch, each participant will choose a break-out session where small groups will have the opportunity to apply the tool of their choice in an instructional setting. Real hands-on application of these technologies can be used to create maps of any information to help you make better management decisions.

Presentations and Presenters

Google Earth as a tool for ranchers - Jon Griggs, Maggie Creek Ranch

Web Soil Survey - Paul Meiman, UNR Cooperative Extension, Elko

Land PKS (Land Potential Knowledge System) - Patti Novak, NRCS

Rangeland Analysis Platform - Thad Heater, NRCS

Climate Engine - Dan McEvoy, Desert Research Institute

Lunch will be provided

Registration \$50

Producer registration is FREE
thanks to a generous donation
from the NV Ag Foundation

Followed by dinner at the Star
\$35

Contact Dave Voth with Questions

(775) 430-2047

davemvoth@gmail.com

Presentations and Presenters

Google Earth as a tool for ranchers - Jon Griggs, Maggie Creek Ranch

Google Earth is a relatively easy and free way for ranchers to map their ranch. Fences, weed treatments, production records, burned areas, future improvements and pasture monitoring are just a few of the things you can keep track of with Google Earth. And did we mention it's free?

Web Soil Survey - Paul Meiman, UNR Cooperative Extension, Elko Come learn how to begin using the Web Soil Survey to help you remotely identify characteristics of soils and rangeland plant communities on the land you manage. With this (and some time to consolidate data), you can build useful custom maps and reports of soils, plant community information, forage production, and more.

Land PKS (Land Potential Knowledge System) - Patti Novak, NRCS A free mobile phone app connected to global databases, models, and cloud based storage. Land PKS is a system for storing and accessing user data, as well as providing access to knowledge that can inform sustainable land management.

Rangeland Analysis Platform - Thad Heater, NRCS

The Rangeland Analysis Platform is an innovative online mapping tool that can be used by anyone. Learn more about how this free tool provides quick landscape scale snapshots of rangeland vegetation allowing users to easily compare trends in rangeland resources through time. The tool allows users to track yearly changes in cover for annuals, perennials, shrubs, trees, and bare ground dating back to 1984.

Climate Engine - Dan McEvoy, Desert Research Institute

Climate Engine uses Google's Earth Engine for on-demand processing of satellite and climate data via a web browser. With the tool you can analyze and interact with climate and earth observations for decision support related to drought, water use, agriculture, wildfire, and ecology.



Emerging Technologies

REGISTRATION FORM

Friday December 13th 2019 Elko, NV

Registration opens 8:00am Great Basin College-High Tech Center 1290 Burns Rd Elko, NV 89801

- 9:00-12:00 Topic Presentations
- 12:00-1:30 Lunch
- 1:30-4:30 Hands on Application
- 5:30 Dinner at the Star

Registration Options (#1 or #2 are recommended)

1. **Email** registration form to Erica Freese at: ericafreese66@gmail.com by **Dec 10** and bring payment with you to the meeting.
2. **Mail** registration form with payment included to Erica Freese at: 3900 Warren Way, Reno, NV 89509 by **DEC 10**.
3. Register and **pay upon arrival**. (*This method is **not recommended** due to meal planning difficulties*).

Payment Options

Cash or check (payable to "NV SRM"). Credit card (bring to meeting) or PayPal (email Erica to be invoiced) can be used with a \$3 per person fee. State employees can also utilize direct payment as NVSRM is a vendor.

Name: _____
 Email: _____
 Phone: _____

Name: _____
 Email: _____
 Phone: _____

Check here for a receipt: _____

Registration Fee (SRM member)	= (#) ____ X \$50= _____
Does not include dinner	
Registration Fee (non-member)	= (#) ____ X \$70= _____
Does not include dinner	
Dinner	= (#) ____ X \$35= _____
Credit Card Service Fee: \$3.00 if paying with credit card	= _____
Optional: Donation to 50-year member awards	= _____
TOTAL= _____	

For Questions, Contact:

Dave Voth davemvoth@gmail.com (775) 430-2047

OR

Erica Freese 775-530-3311

SRM CEU credits are available contact Dave Voth for CEU details



Nevada.rangelands.org