



**Soils, Plants & Management: Tools for Working Lands**  
*Ecological Sites and State and Transition Models*  
**Bristlecone Convention Center**  
**Ely, NV**  
**June 15-16, 2017**

**Workshop Objective:** Enhance foundational knowledge, skills, and understanding of soils, ecological sites, and state-and-transition models

<b>Thursday, 6/15/2017</b>		
	<b>Topic</b>	<b>Presenter</b>
<b>8:00-8:30</b>	Introductions, Purpose of the workshop, Safety Briefing	Jeff White, Hanes Holman; Elko Land & Livestock, Newmont Mining
<b>8:30 - 9:00</b>	Development and Use of Soil Surveys <ul style="list-style-type: none"> <li>• Identifying: landscape position, landform, parent material, and soil properties</li> <li>• Map unit design: describe what goes into a map unit (landform, soil components, vegetation, slope, elevation), what does a polygon represent</li> </ul>	Patti Novak- Echenique, NV-NRCS
<b>9:00-10:00</b>	How Plants Grow and Respond to Grazing	Tamzen Stringham, UNR
<b>10:00-10:15</b>	Break	
<b>10:15-11:00</b>	Identifying Ecological Sites	Patti N-E
<b>11:00-12:00</b>	State and Transition Models/ Disturbance Response Groups	T. Stringham
<b>12:00-1:00</b>	Lunch	
<b>1:00-5:00</b>	Field Session	

<b><u>Friday, 6/16/2017</u></b>		
<b>8:00-8:30</b>	Management using STM's	T. Stringham
<b>8:30-9:15</b>	Fuels Management by Disturbance Response Groups	Cody Coombs, BLM
<b>9:15-9:45</b>	Vegetation Response to Fuels Management	C. Coombs, BLM
<b>9:45-10:15</b>	TBD	BLM
<b>10:15-10:30</b>	Break	
<b>10:30-12:00</b>	Review of MLRA 28A & 28B State and Transition Models	Stringham/Novak-E
<b>12:00-1:00</b>	Lunch	
<b>1:00-5:00</b>	Field Session	

**Field Sessions - At each field stop (3 or 4 locations):**

- Soils – physiographic, climate, soil features and characterization
- Team Exercises - Identification of ecological sites and states, analysis of rangeland health; determining forage production; monitoring techniques
- Group Discussion – Determination of the ecological sites/states, thresholds; soil and vegetation responses to disturbances, restoration and management

**Registration (no cost):** Contact: Nevada Cattlemen’s Association  
[nca@nevadabeef.org](mailto:nca@nevadabeef.org) or call 775-738-9214



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