



# The Annual Summit

January 19-20, 2012 ♦ UC Davis Freeborn Hall

A circular logo depicting a mountain range with a river or stream in the foreground.

## January 19, 2012 - Rangeland Science Symposium Managing Rangelands for Multiple Ecosystem Services

8:30 – 9:30 a.m. Registration, Coffee, Breakfast Snacks Provided

### SESSION 1 – Welcome

9:30 - 9:40

#### Welcome

*Randy Dahlgren, Rustici Chair, University of California, Davis*

9:40-10:10

#### Managing for Ecosystem Services: Research Base and New Directions for Range Science

*Justin Derner, Rangeland Scientist and Research Leader, USDA-ARS*

10:10-10:40

#### Managing for Ecosystem Services: Management Knowledge and Information Needs

*Rodd Tripp, Range Manager, East Bay Municipal Utilities District*

*Anne Yost, Range Program Leader, US Forest Service*

*David Lile, Livestock Advisor, University of California Cooperative Extension*

*Jack Hanson, WC Ranch, Lassen County*

10:40-10:50

#### Break

### SESSION 2 - Advances in the Science Supporting Management for Key Ecosystem Services

10:50-11:20

#### Managing Soils as a Foundation to Support Ecosystem Services

*Toby O'Geen, Specialist, University of California, Davis*

11:20-11:50

#### Managing Weeds to Conserve Diversity and Productivity

*Joe DiTomaso, Specialist, University of California, Davis*

11:50-12:20

#### Managing Livestock to Deliver Safe Water to Society

*Rob Atwill, Professor and Specialist, University of California, Davis*

12:20-1:30

#### Lunch (included with registration)

### Session 3 - Managing for Multiple Ecosystem Services: A Survey of Ranchers, Ecological Tradeoffs, and Economic Reality

1:30-2:00

#### Rancher Perspectives on Managing for Ecosystem Services

*Mark Lubell, Professor, University of California, Davis*

**2:00-2:30**      **Tradeoffs in Managing for Multiple Services**  
*Leslie Roche, Postdoctoral Researcher, University of California, Davis*

**2:30-3:00**      **Marketing the Fruits of Multiple Service Management**  
*Frank Casey, U.S. Geological Survey*

**3:00-3:15**      **Break**

#### **Session 4 Moving Science and Management Forward in Support of Multiple Ecosystem Services: Opportunities**

**3:15 - 3:45**      **Integrating Science, Management, and Policy to Conserve Rangelands**  
*Rick Standiford, Specialist, University of California, Berkeley*

**3:45 - 4:15**      **Compiling and Analyzing Management Case Studies**  
*Valerie Eviner, Professor, University of California, Davis*

**4:15 - 4:45**      **Bridging the Gap between the Research Plot and the Ranch**  
*Ken Tate, Rustici Chair, University of California, Davis*

**4:45 - 5:00**      **A Bright Future for Range Science and Management**  
*Neal Van Alfen, Dean, University of California, Davis CAES*

**5:00 - 6:30**      **Social** (*\$5 additional fee, includes complimentary beverage and heavy hors d'oeuvres*)  
Join us for a poster session, networking discussions among presenters and participants.

**January 20, 2012 - Summit**  
**Ecosystem Services in Practice:**  
**“Featuring the Multiple Public Benefits We Receive From Rangelands”**

*7:00 – 9:00 a.m. Registration, Coffee, Breakfast Snacks Provided*

**7:00 - 8:00**      **Sierra Nevada Conservancy Breakfast** (*open to all, no additional registration required – Please check in at registration and you will be escorted to the room*)  
The Sierra Nevada Conservancy (SNC) is planning to increase and broaden its efforts to preserve ranches and agricultural lands in the Sierra over the next few years. In order to better understand the needs of livestock and agricultural producers in the Sierra and how we can work with other agencies and organizations to meet those needs, we are hosting the Sierra breakfast. During the breakfast meeting, the SNC will solicit your input on the Sierra Agricultural and Rangeland grant program to be initiated in 2012 and other efforts. The grant program will provide \$5 million in project support for the protection and restoration of ranches and agricultural lands in the Sierra.

**9:00 - 9:10**      **Welcome and California Ranching Video**  
*Chet Vogt, Chair, California Rangeland Conservation Coalition Steering Committee*

**9:10 - 9:30**      **Who, What, Where and Why**  
*Mark Nechodom, Director, California Department of Conservation*

Networking activity on what got us here and why we need to be here

**9:30 - 9:45**

**Importance of Rangelands: Recap of Research Symposium**

*Ken Tate, Rustici Chair, University of California, Davis*

Get the highlights and overarching theme from the 1st Rangeland Science Symposium  
Managing Rangelands for Multiple Ecosystem Services.  
Ecosystem Service: economical and ecological

**9:45 - 10:15**

**What is happening to California Rangelands**

*Jaymee Marty, The Nature Conservancy*

Ecosystem Services: open spaces and biodiversity

**10:15 - 10:30**

**Rancher Perception 101: Survey Analysis**

*Lynn Huntsinger, UC Berkeley*

Recent focus on the socio-economic aspects of ranching has produced a wealth of information on how ranchers manage their lands for multiple ecosystems services as well as their perspectives on conservation, land-use policies and the values and benefits of ranching. Each survey tells its own story, but the cumulative perception of ranchers and what they do as land managers has never been analyzed. Hear from Dr. Huntsinger what we can learn from the information ranchers have shared with us.

**10:30-11:00**

**What Does the Previously Presented Rancher Perception Mean to Me? To the Rangeland Coalition?**

*Jack Hansen, WC Ranch, Susanville*

*Sheila Barry, Bay Area Natural Resources/Livestock Advisor, University of California  
Cooperative Extension*

*Mark Kramer, Federal External Affairs, The Nature Conservancy*

Each panelist will respond to Dr. Huntsinger's presentation, commenting about what it all means to sustaining ranching, to the Coalition, and to their organizations and constituency. Panelists will also suggest next steps.

**11:00-11:20**

**Break**

**11:20 - 12:00**

**Cooperative Conservation in Action - A Kansas Perspective**

*Bill Sproul, Kansas Rancher*

Bill and his wife Peggy own and operate a Flint Hills ranch near Sedan, Kansas. Bill has held leadership positions with the Kansas Livestock Association (KLA) and is a charter board member of the Ranchland Trust of Kansas...an agricultural land trust that is affiliated with KLA. Hear first hand Bill's passion for protecting the working grassland landscapes, especially the tallgrass prairie in eastern Kansas, commonly referred to as the Kansas Flint Hills. Find out about his donation of an easement that coincides with the new U.S. Fish and Wildlife Service Flint Hills Legacy Conservation Area (FHLCA).  
Ecosystem Services: beef, open space and wildlife

**12:00 - 1:00**

**Lunch** *(included with registration)*

**Ranching for Conservation & Profit**

**1:00-1:30**

**Perspective from the Next Generation**

*Holly Foster, Robert Foster Ranch*

From a fourth generation rancher, hear the realities of a multi-generational ranch, the perspective for the future and goals for her ranching operation to ensure that the next generation can continue. This presentation will showcase how the business goals of a ranch need to merge with environmental goals for mitigation and conservation.

Ecosystem Services: beef, open space, vernal pools, fire fuel load reduction, cultural heritage and meadow management

**1:30-2:00      The Relationship of Ranching on Private Lands and on Public Lands - Mission Peak Grazing Program**

*Jim Coelho, Coelho Ranches*

Jim leases public lands in the East Bay, including one of East Bay Regional Park District's parks, where thousands of hikers walk daily through the herd. He will provide an overview of his cattle business and conservation efforts on the urban edge and with the park and its users. He'll comment about the relationship of leased public lands with private lands, and about his partnership with Harris Ranch to raise beef – also an ecosystems service.

Ecosystem Services: recreation, beef and special status species

**2:00-2:30      Break (including refreshments)**

**2:30 - 3:00      Working With the Land to Produce Beef**

*Todd Swickard, Loretta Swickard and Kirby Swickard - Five Dot Ranch*

Get an in-depth view of a family ranching operation that grazes in multiple California counties in cooperation with a variety of public agencies and private landowners. Learn how Five Dot Ranch manages and monitors cattle grazing on lands that are home to species of special concern, important watersheds and recreationalists. Hear about the marketing strategies and where Five Dot Ranch beef can be found including: their own butcher shop in the Oxbow Market in Napa, restaurants and specialty markets in Sacramento, Napa and Bay Area.

Ecosystem Services: public land management, beef, public consumption-watershed management, threatened and endangered species

**3:00 – 3:30      What do we do with the information we learned today?**

*Billy Gatlin, California Cattlemen's Executive*

*Chuck Bonham, California Department of Fish and Game Executive Director (invited)*

Networking activity on how to take action on the information presented today

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