

Spring, 2017

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Keeping Landscapes Working

*A Newsletter for Managers
of Bay Area Rangelands*

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Spring, 2017 In This Issue

*** NEW WEBSITE ***: ucanr.edu/BayAreaRangeland

[Caring for Cattle and Sheep](#) to Provide Safe and Wholesome Meat

[Workshop:](#) Manure and Mud Management Saturday, April 15, 2017

[Recommended Reading:](#) "The Politics of Scale: A History of Rangeland Science"

[Article:](#) "How to Produce 20 lbs of Beef for Less Than \$1.50"

[CCRC Meeting:](#) Spring 2017 Membership Meeting Thursday, April 20, 2017

Upcoming Events



**WORKSHOP:
MANURE & MUD MANAGEMENT**
A workshop for Small Scale Livestock and Horse Owners

Cost: **\$0.00**, but registration required
When: 10:00 a.m. - Noon
Where: Martial Cottle Park, 4-H Area
[For registration & directions see below.](#)



MEETING:
CENTRAL COAST RANGELAND COALITION (CCRC)
Spring 2017 Membership Meeting

Cost: \$30.00, registration required (*deadline 4/12*)
When: 9:00 a.m. - 4:30 p.m.
Where: Cal Poly Beef Center
Pennington Creek Rd.
6 mi. north of San Luis Obispo, CA
[For registration & directions see below.](#)

The cover features a photograph of cattle and sheep grazing in a field. The title 'UNDERSTANDING WORKING RANGELANDS' is at the top, followed by 'Caring for Cattle and Sheep to Provide Safe and Wholesome Meat'. Below the title is a paragraph about the cyclic rhythm of livestock care. At the bottom left is a list of authors and their affiliations, and at the bottom right is a photo of a group of sheep.



**CARING FOR CATTLE AND SHEEP
TO PROVIDE SAFE AND
WHOLESMOME MEAT**
by Sheila Barry

The care and feeding of livestock has a cyclic rhythm tied to the animals' reproductive cycle and seasonal health needs. The fact sheet, Caring for Cattle and Sheep to Provide Safe and Wholesome Meat describes the typical animal husbandry, or care and feeding tasks associated with ranching. Some of these

**MANURE AND MUD MANAGEMENT
WORKSHOP**

A workshop for Small Scale Livestock and Horse Owners

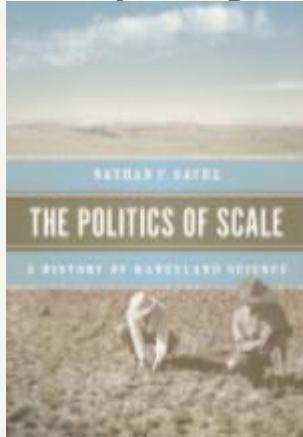
Cost: **\$0.00**, but registration required
When: Saturday, April 15
10:00 a.m. - Noon
Where: Martial Cottle Park, 4-H Area
[5283 Snell Avenue, San Jose](#)

- Composting Livestock Manure

tasks, like checking and maintaining water are done throughout the year, while others that require livestock handling, such as vaccinating, branding and castrating are done only once or twice a year. In either case these tasks are done to keep animals healthy, growing and reproducing.

[**UC ANR Publication 8530**](#)

**RECOMMENDED READING -
The Politics of Scale
A History of Rangeland Science**

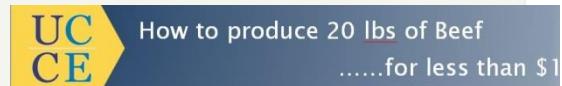


"Rangelands are vast, making up one quarter of the United States and forty percent of the Earth's ice-free land. And while contemporary science has revealed a great deal about the environmental impacts associated with intensive livestock production—from greenhouse gas emissions to land and water degradation—far less is known about the historic role science has played in rangeland management and politics. Steeped in US soil, this first history of rangeland science looks to the origins of rangeland ecology in the late nineteenth-century American West, exploring the larger political and economic forces that—together with scientific study—produced legacies focused on immediate economic success rather than long-term ecological well-being.

During the late 1880s and early 1890s, a variety of forces—from the Homestead Act of 1862 to the extermination of bison, foreign investment, and lack of government

- Composting Methods and Systems
- Managing Mud
- Controlling Parasites
- Impacts of Dewormers and Antibiotics in Compost

[Space is limited = Register Here](#)
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Increasing your herd's production in terms of pounds sold not only can increase ranching returns but also has an environmental benefit by reducing the amount of resources it takes to produce a pound of beef.

For a cow-calf producer, increasing production means either raising more calves (increasing the calf crop) or raising bigger calves (increasing the weaning weights). Genetics, nutrition, predation, cattle health and disease can all impact calf crop and weaning weights, and most producers work to manage these impacts. However, of all the management practices available to cow-calf producers, implanting calves pre-weaning provides the highest benefit-to-cost ratio.

An implant that costs less than \$1.50 can increase weaning weights by 15- 30 lbs. Although implanting is a reliable practice to improve feed efficiency and increase weight, less than 10% of calves are implanted in California.

Full article: <http://ucanr.edu/implants>

regulation—promoted free-for-all access to and development of the western range, with disastrous environmental consequences. To address the crisis, government agencies turned to scientists, but as Nathan F. Sayre shows, range science grew in a politically fraught landscape. Neither the scientists nor the public agencies could escape the influences of bureaucrats and ranchers who demanded results, and the ideas that became scientific orthodoxy—from fire suppression and predator control to fencing and carrying capacities—contained flaws and blind spots that plague public debates about rangelands to this day. Looking at the global history of rangeland science through the Cold War and beyond, *The Politics of Scale* identifies the sources of past conflicts and mistakes and helps us to see a more promising path forward, one in which rangeland science is guided less by capital and the state and more by communities working in collaboration with scientists."

<http://press.uchicago.edu/ucp/books/book/chicago/P/bo16762107.html>



Central Coast Rangeland Coalition (CCRC) Spring 2017 Membership Meeting

April 20, 2017
9:00 a.m. – 4:30 p.m.

Cal Poly Beef Center
Pennington Creek Road
(6 miles north of San Luis Obispo, California)

\$30 registration (deadline 4/12, 5pm)
[Click here for more information](#)

Training: Targeted/Prescribed (Rotational/Deferral) Livestock Grazing for Meeting Conservation Goals

The CCRC

This event is part of a twice-a-year meeting series of the Central Coast Rangeland Coalition, held the third Thursday of every April and October. Ranchers, scholars, conservation land management agency personnel, regulatory agency personnel, planners, consultants, and a diverse array of others join together twice a year to learn and share so that they can, together, create and sustain vibrant rangelands along California's Central Coast.

Lunch will be generously provided by the Young Cattlemen's Committee

This newsletter is provided by the UC Cooperative Extension Natural Resources Program in the San Francisco Bay Area and provides information to managers of both public and private rangelands. RANGELAND, which is land characterized by natural vegetation i.e., grass, forbs and shrubs and managed as a natural ecosystem, is the predominate source of OPEN SPACE in the San Francisco Bay Area.

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