

“Adaptive Rotational Grazing and Soil Carbon Sequestration”

CCRC Spring 2022 Meeting

Thursday, April 21, 2022
Paicines Ranch, Paicines, CA
8:30 am – 4:30 pm

Goal: Understand the role of grazing management in sequestering soil carbon on California’s working rangelands.

Objectives:

1. Learn about the role of grazing management as a soil carbon sequestration strategy on rangelands and how it compares to other rangeland carbon sequestration strategies.
2. Learn about adaptive rotational grazing management and soil carbon sequestration, including:
 - a) Defining adaptive rotational grazing - how does it compare to other soil carbon sequestration strategies on rangelands?
 - b) The science of the impact of adaptive rotational grazing on soil carbon sequestration. This includes new research results, past insights, and knowledge gaps for future research.
 - c) Producer motivations, barriers, and costs of using adaptive rotational grazing
3. Consider how soil carbon sequestration is measured (a) and how this interacts with current policies such as emerging carbon markets and California’s Healthy Soils Program (b).

Agenda

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8:30 am	Registration and coffee
9:00	Welcome to the Meeting and Paicines Ranch
	Small Group Introductions
	Soil carbon sequestration strategies on rangelands - the state of the science – Paige Stanley, PhD Candidate, University of California, Berkeley
	Adaptive rotational grazing + soil carbon sequestration - research findings from comparative sites in California – Paige Stanley, PhD Candidate, University of California, Berkeley
10:50	Rancher Panel: Drivers, Costs, and Barriers to adaptive rotational grazing – Moderated by Grey Hayes – Carrie Richards, Rancher, Richards Ranch, Oregon House, CA – Spencer Smith, Rancher and Educator, Jefferson Center for Holistic Management, Modoc County – Darrell Sweet, Rancher, Alameda County – Allan Renz, Rancher, San Benito, Santa Clara and San Mateo Counties
	Policy opportunities for grazing management and soil carbon sequestration – Jeanne Merrill, Policy Director, California Climate and Agriculture Network
	Small Group Discussion
12:15 pm	Lunch
1:00	How do we measure soil carbon and co-benefits on rangelands? – Chelsea Carey, Point Blue Conservation Science
	Walk to field sites at Paicines Ranch
	Stop 1: Adaptive rotational grazing at Paicines Ranch/ Martha Skelley
	Stop 2: Research and monitoring at Paicines Ranch/ Greg Richardson
	Stop 3: Soil sampling in the field: how do we measure soil carbon? / Paige + Chelsea
	Small Group Discussion
4:15	Walk to parking area
4:30	End program