

Ranch Field Tour
~Cal Poly's Swanton Pacific Ranch~
Near Davenport, California
Friday October 20
12 – 4:30

AGENDA

- 12:00 ***Event begins***
- 12:00 – 12:30 ***Lunch - provided***
- 12:30 **Tour**

Rangeland Soils and Carbon Sequestration-Site Characteristics Matter

Stewart Wilson, Yamina Pressler, Seeta Sistla, Marc Horney, Grace Damaschino

Talking points will be drawn out using panel discussion format with Stewart moderating: take-home messages from research (Stewart Wilson); how aluminum and iron oxides and contribute to C sequestration (Grace Damaschino); Carbon biogeochemistry, microbial assays, timelines and mechanisms for C-sequestration (Seeta Sistla); soil development in rangelands (Yamina Pressler); grazing/management controls on carbon sequestration and potential co-benefits, including soil organic matter (Marc Horney)

Carbon farming and soil health: planning and financial assistance for farmers and ranchers

Sacha Lozano, Dan Hermstad, Bailey Smith-Helman

Overview of the carbon farm planning process and available assistance for it. How to obtain technical and financial assistance for implementation of carbon farming practices including compost addition to rangelands (overview of various cost-share programs, including CDFA-HSP, ZeroFoodPrint Restore CA and Compost Connector, NRCS EQIP, RCD Compost program).

Rangeland and Livestock Management at Swanton Pacific Ranch

Paige Pastorino, Sean Baird

Tour of operation and discussion about collaborative management of Swanton Pacific Ranch's rangeland with livestock.

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- 4:30 ***Event Ends***

Presenters

Dr. Stewart Wilson, Professor of Soil Resources, Cal Poly San Luis Obispo

Sean Baird, Agricultural Operations Manager, Cal Poly Swanton Pacific Ranch

Paige Pastorino, Livestock Manager, Pastorino Farms

Marc R. Horney, Ph.D. Professor, Rangeland Ecology & Management, Cal Poly San Luis Obispo

Yamina Pressler, PhD, Assistant Professor of Soil Science and Restoration Ecology at Cal Poly, San Luis Obispo

Grace Damaschino, Graduate Student, Cal Poly, San Luis Obispo

Sacha Lozano, Ag Stewardship Senior Program Manager, Resource Conservation District of Santa Cruz County

Dan Hermstad, Ag Technical Program Specialist, Resource Conservation District of Santa Cruz County

Bailey Smith-Helman, Community Education Specialist, UC ANR Climate Smart Agriculture Program

Facilitated by: Grey Hayes, PhD, Education and Research Programs Manager, Swanton Pacific Ranch

To Reserve a spot: Email Grey: gfhayes@calpoly.edu or call 831-227-7163.

Deadline to register: October 11, 5pm