



# Rangeland Carbon

# Monitoring Program

Rangeland science in action. Photo by Sophie Noda/Point Blue

The Range-C Program was developed to help practitioners conduct transparent, fit-for-purpose monitoring of aboveground and belowground carbon in response to rangeland management. At the same time that it supports management efforts at the ranch scale, Range-C is designed to evaluate management effects on carbon at regional scales when data is aggregated network-wide in the secure Point Blue Science Cloud.



## Collaboratively Developed

Range-C was developed with input from over 40 scientists, agency staff, technical service providers, and ranchers representing 26 institutions.



## Multiple Practices

Range-C provides guidance on how to monitor carbon in response to seven conservation ranching practices, including prescribed grazing, compost amendment, range seeding, silvopasture, riparian restoration, and hedgerow planting.



## Fit-for-Purpose

Range-C facilitates a guided decision-making process, ensuring each monitoring project fits the user needs while maintaining a base level of rigor.



## Inference Scoring System

Range-C uses a novel inference scoring system that captures decisions made throughout the monitoring process, allowing each customized project to be tracked and communicated in a transparent way.



## Network-wide Science

Consistent methods and a secure network-wide dataset support regional understanding of practice impacts to inform ranchers, conservation planners, and researchers.

Download the Range-C Handbook

