

# **Rangeland** Carbon

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

 $\Upsilon$ Range-C

## **Monitoring Program**

The Range-C Program was developed to help practitioners conduct transparent, fit-forpurpose 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

