



PROTECTING CARBON STORED IN WESTERN RANGELANDS



THE IMPORTANCE OF INTACT RANGELANDS

Rangelands and grasslands account for over 25% of stored carbon in western ecosystems. Most of this carbon is stored in the soil. However, degradation can result in loss of this soil carbon to the atmosphere. Therefore, protecting carbon stored in rangelands is key. A suite of rangeland management practices that benefit wildlife and livelihoods can also help to protect rangeland carbon.

ADDRESSING THREATS TO STORED CARBON IN RANGELANDS

THREATS

- Invasive annual grasses
- Changing land-use
- Fire
- Woodland expansion
- Loss of riparian habitat

SOLUTIONS

- Addressing invasive annual grasses
- Grazing practices that prevent soil erosion
- Protecting carbon-rich wetlands



**PROTECT
STORED CARBON**



**STRENGTHEN
RANGELAND RESILIENCE**



**SUPPORT
COMMUNITIES & LIVELIHOODS**

Learn how our partnership enacts these practices at:
partnersinthesage.com/rangelands-storing-carbon