

What do Ranchers Provide?

Provide a Working Landscapes

- Provide the management of a landscapes where production of market goods and ecosystem services is mutually reinforcing.
- Work as partners to create landscapes and ecosystems that benefit humanity and the planet.



Supporting



Supporting: the natural processes that maintain (support) the other ecosystems such as nutrient cycles, pollination, and habitat for wildlife.

Managed rangelands can support greater plant diversity which supports better drought tolerance, greater resistance to plant pests and invasive species, and increased biodiversity.

Provisioning



Provisioning: the goods or products obtained (provided) from ecosystems such as the production of food and

- Forage production which allows for the raising of livestock. Managed properly, the grasses grown on rangelands can provide quality feed for livestock thereby reducing the cost to raise livestock and produce food for consumers.
- Water quality and quantity, water retention and aquifer recharge. Most of California's vital water resources including water for drinking and irrigation originate on, flow through, or are stored on rangelands.

Regulating



Regulating: the benefits obtained from an ecosystem's control (regulation) of natural processes such as the control of climate, filtration of water; and growth and removal of vegetation.

- Carbon sequestration which filters carbon dioxide and other pollutants out of the air, thus increasing the carbon stored in the soil profile.
- Fire fuel reduction when lands are properly grazed, reducing fire fuel ladders by vegetation removal.





Range Management Practices



