

Building Alliances 1

Importance of Partnerships in Science, Practice,
and Policy to Solve the Big Issues Facing Our
Rangeland and Ranching Communities

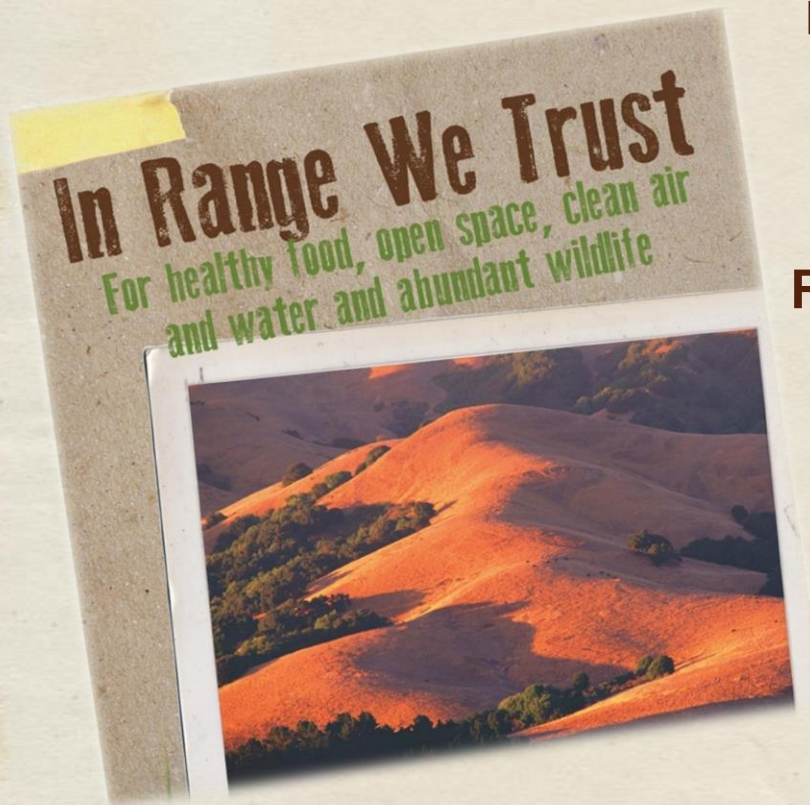
RANGELAND CONSERVATION SUCCESSES

Nita Vail, CEO

CALIFORNIA
RANGELAND
Trust

Rustici Science Symposium

March 23, 2017



ABOUT

CALIFORNIA
RANGELAND
— *Trust* —

ABOUT

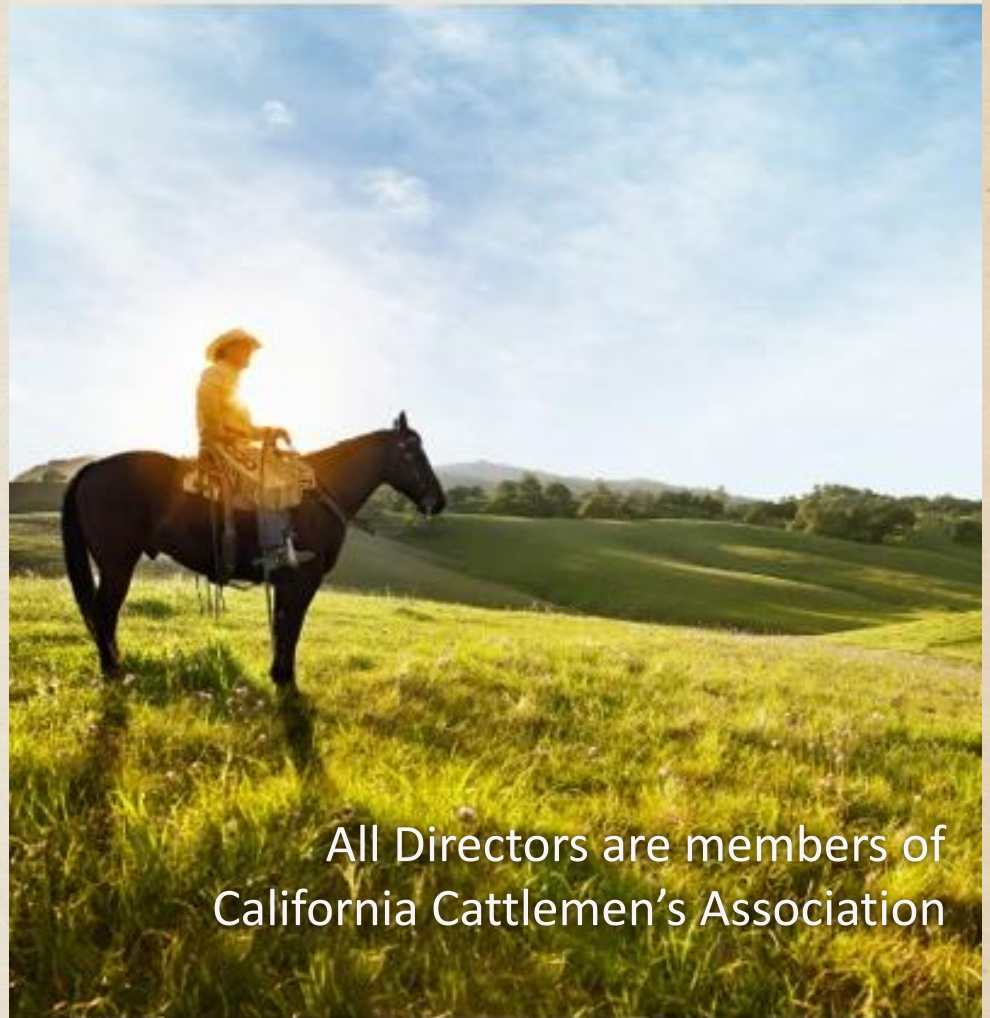
CALIFORNIA
RANGELAND
Trust



Founded in 1998 by members of
California Cattlemen's Association

ABOUT

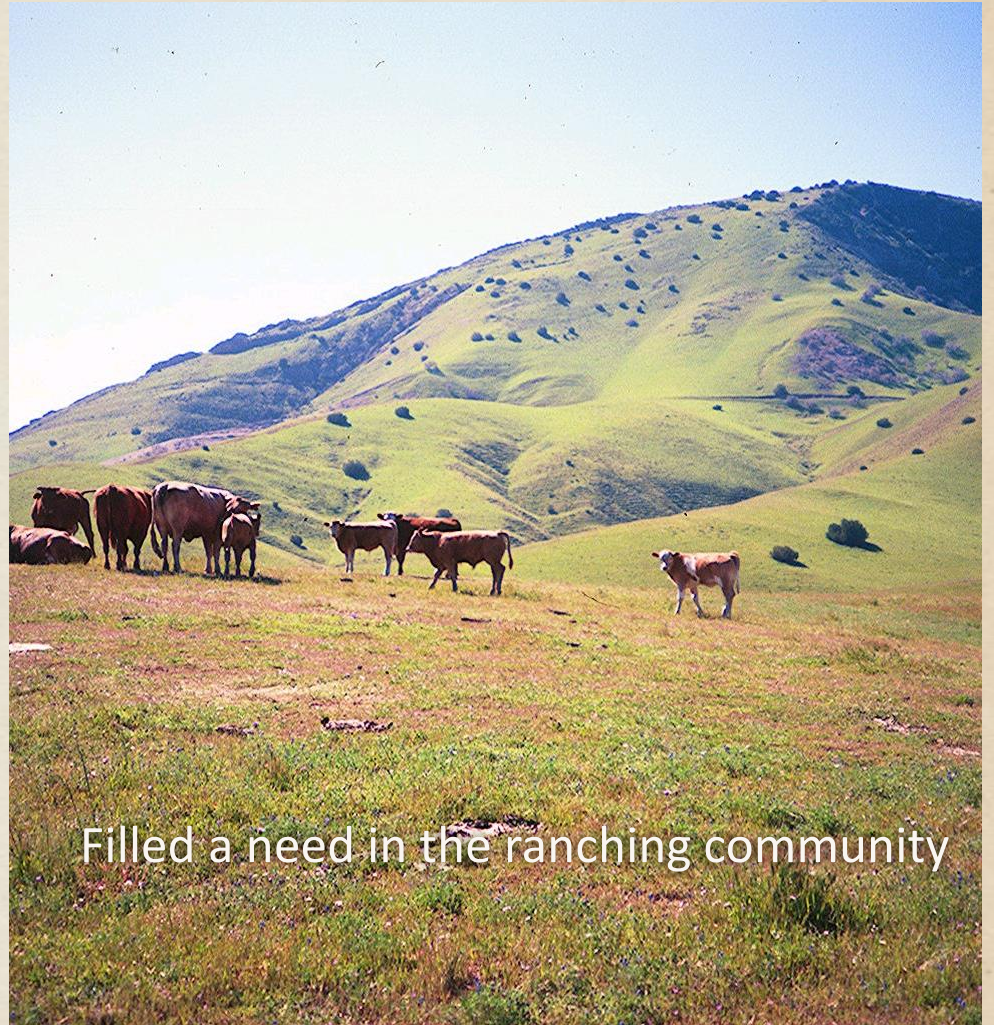
CALIFORNIA
RANGELAND
Trust



All Directors are members of
California Cattlemen's Association

ABOUT

CALIFORNIA
RANGELAND
Trust



Filled a need in the ranching community

SKEPTICISM

...from

cattlemen,

environmental interests,

&

the LAND TRUST
community

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...from

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environmental interests,

&

the LAND TRUST
community



SKEPTICISM

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Is the fox guarding the hen house?

SKEPTICISM

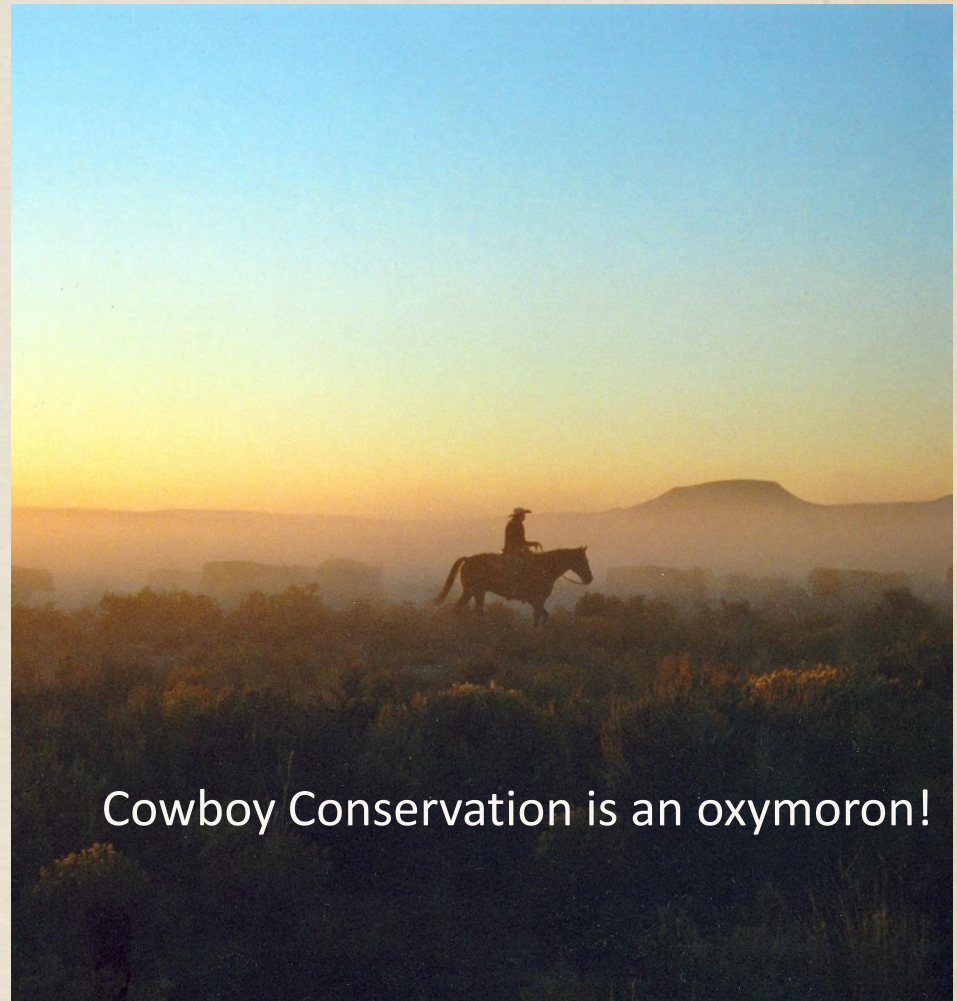
...from

cattlemen,

environmental interests,

&

the LAND TRUST
community



Cowboy Conservation is an oxymoron!

PRODUCER LED SOLUTIONS

enter...

CALIFORNIA
RANGELAND
— *Trust* —

PRODUCER LED SOLUTIONS

enter...

CALIFORNIA
RANGELAND
Trust

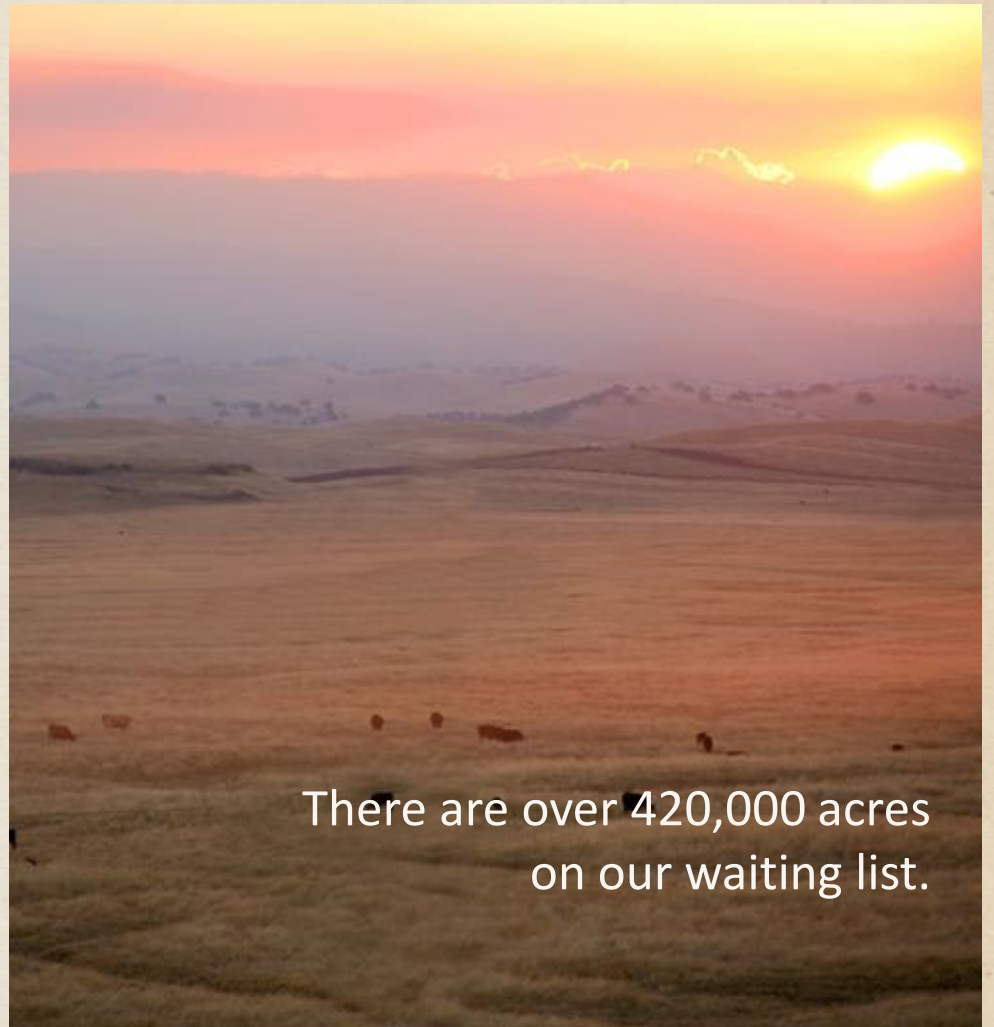


We have conserved almost 300,000 acres
to date in California,

PRODUCER LED SOLUTIONS

today...

CALIFORNIA
RANGELAND
Trust



There are over 420,000 acres
on our waiting list.

CONSERVATION EASEMENTS

a restriction

placed on a

piece of property to
protect its resources

...in perpetuity

CONSERVATION EASEMENTS

a restriction
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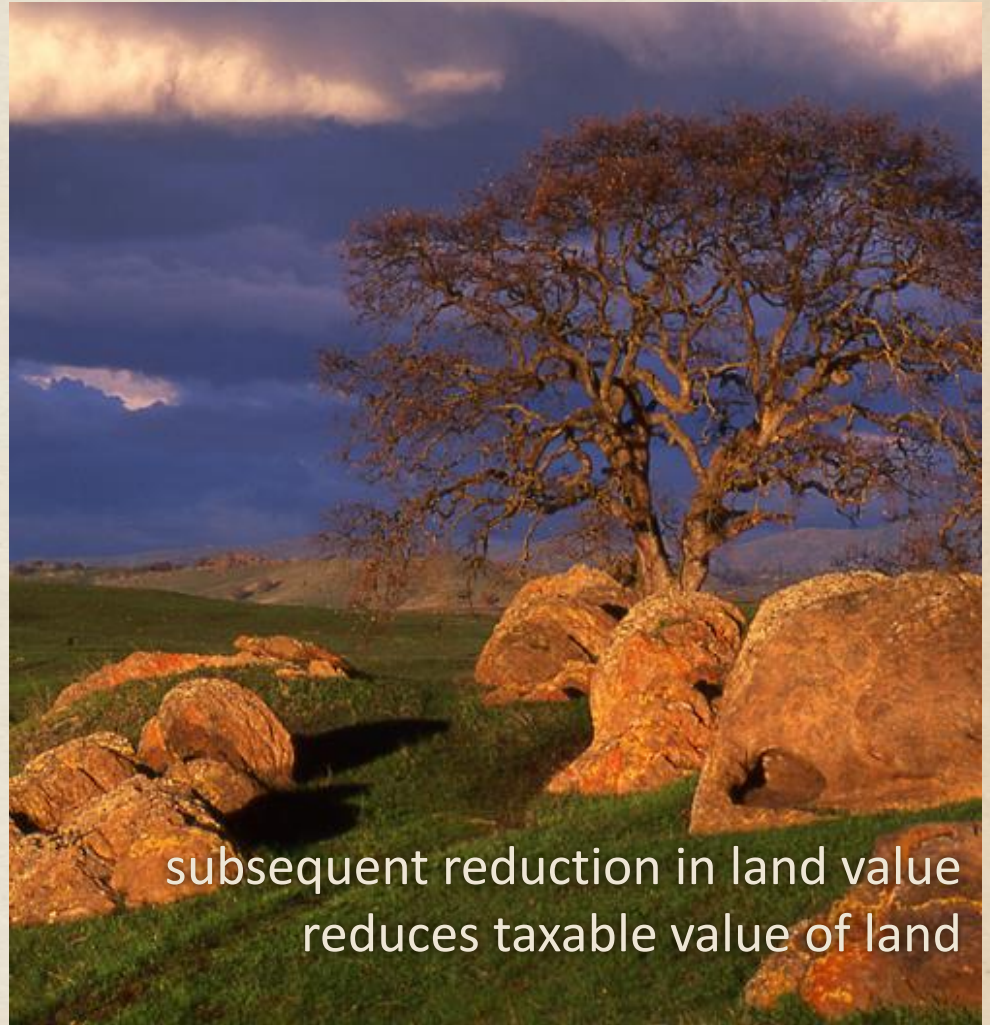


a conservation easement is the sale or
donation of development rights

CONSERVATION EASEMENTS

a restriction
placed on a
piece of property to
protect its resources

...in perpetuity



subsequent reduction in land value
reduces taxable value of land

CONSERVATION EASEMENTS

a restriction
placed on a
piece of property to
protect its resources
...in perpetuity



these restrictions do not include
loss of control or public access

CONSERVATION EASEMENTS

the types:

funded

DONATED

bargain sale

mitigation

CONSERVATION EASEMENTS

the types:

funded

DONATED

bargain sale

mitigation



Standard easements are purchased
from the landowner

CONSERVATION EASEMENTS

the types:

funded

DONATED

bargain sale

mitigation



Donated easements are donated
by the landowner

CONSERVATION EASEMENTS

the types:

funded

DONATED

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mitigation



a bargain sale is when part of the
easement value is funded and part is
donated

CONSERVATION EASEMENTS

the types:

funded

DONATED

bargain sale

mitigation



Mitigation easements help to offset expected adverse impacts of development of farmland, habitat, or riparian areas and are paid for by the developer or mitigating group.

ACCREDITATION

ACCREDITATION



WHY CONSERVATION EASEMENTS

estate planning

GENERATE FUNDS

tax benefit

conservation ethic

WHY CONSERVATION EASEMENTS

estate planning

GENERATE FUNDS

tax benefit

conservation ethic



Assists in generational transition
of the ranch

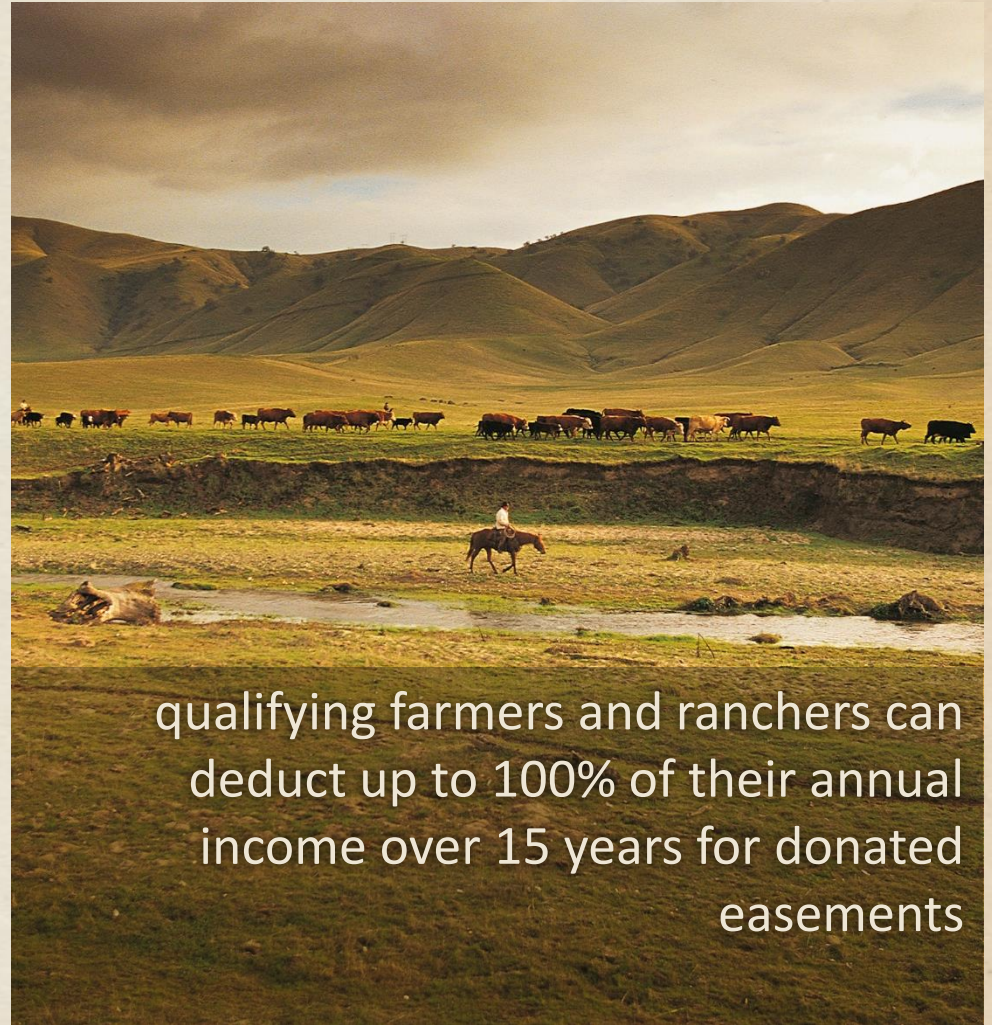
WHY CONSERVATION EASEMENTS

estate planning

GENERATE FUNDS

tax benefit

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qualifying farmers and ranchers can deduct up to 100% of their annual income over 15 years for donated easements

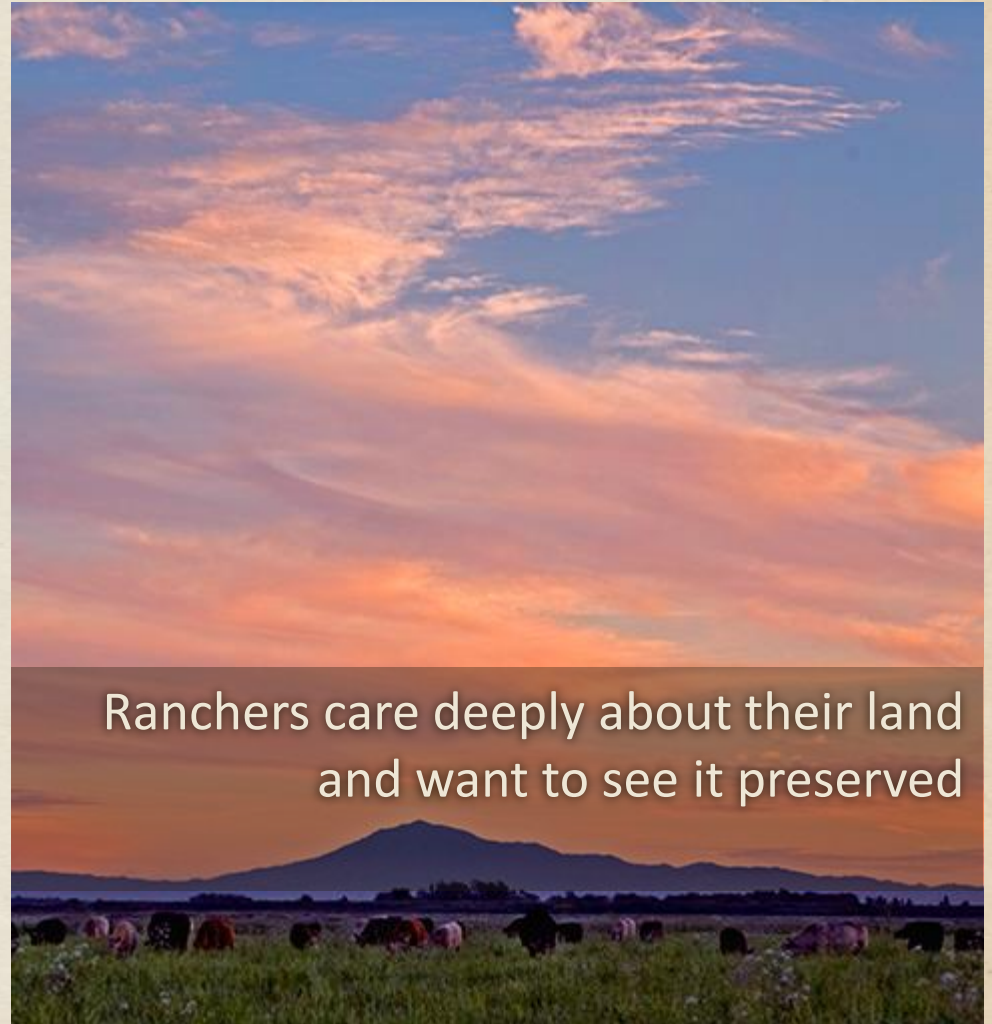
WHY CONSERVATION EASEMENTS

estate planning

GENERATE FUNDS

tax benefit

conservation ethic



Ranchers care deeply about their land
and want to see it preserved

REASONS NOT TO

Fear of
government intrusion

LIMIT TO

Future operations

REASONS NOT TO

Fear of
government intrusion

LIMIT TO

Future operations



IMPORTANCE OF PARTNERSHIPS

TO:

project success

POLICY

organizational success

education

IMPORTANCE OF PARTNERSHIPS



TO:
project success
POLICY
organizational success
education



...and others.

IMPORTANCE OF PARTNERSHIPS



TO:
project success



POLICY

organizational success

education



IMPORTANCE OF PARTNERSHIPS

TO:

project success

POLICY

organizational success

education



Making friends and sharing ideas

IMPORTANCE OF PARTNERSHIPS

TO:

project success

POLICY

organizational success

education

The logo for Raley's, featuring the word "Raley's" in a red, cursive script font.

ECOSYSTEM BENEFITS

More than

\$804 million

in ecosystem services

per year

(provided by PORT)

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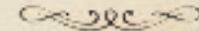


COLORADO CATTLEMEN'S
AGRICULTURAL
LAND TRUST



WYOMING

**STOCK GROWERS
LAND TRUST**



Montana

LAND RELIANCE



RANCHING MATTERS

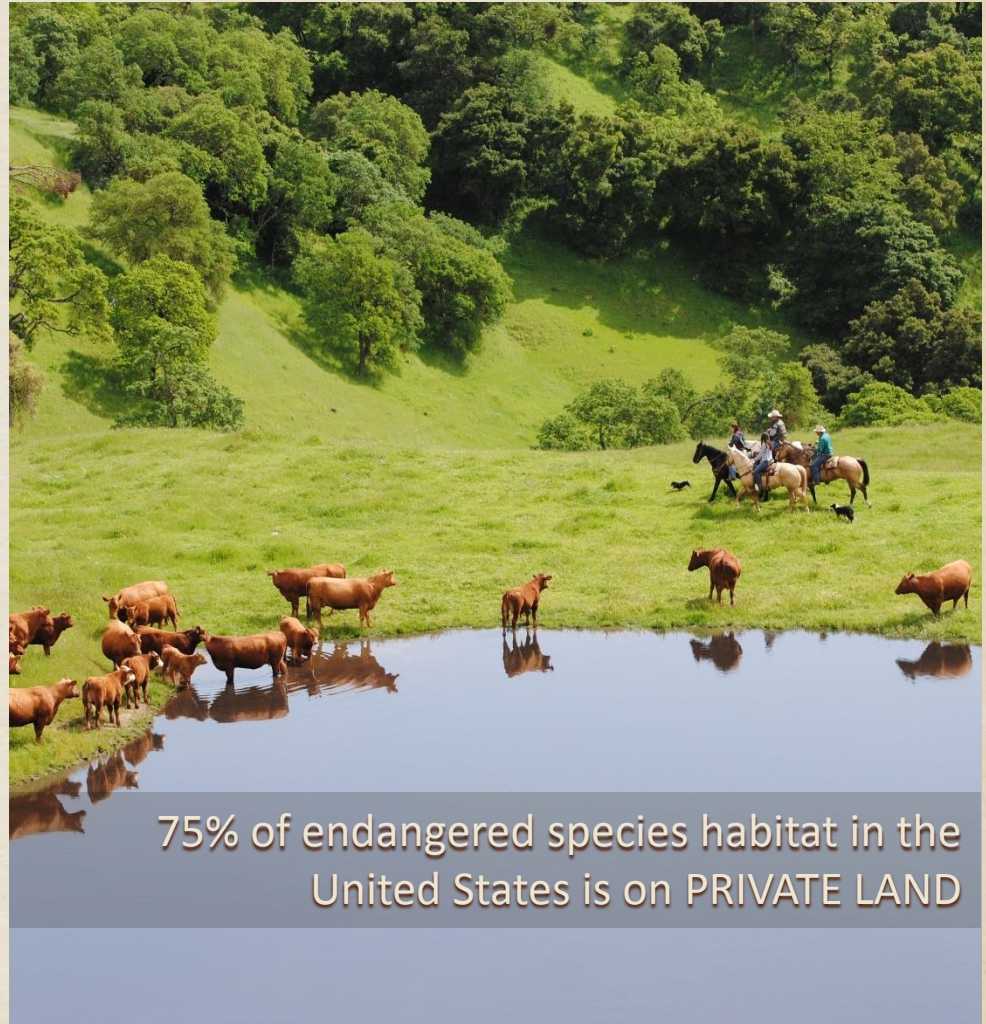
what's GOOD for
LIVESTOCK...

is GOOD for
endangered species!

RANCHING MATTERS

what's GOOD for
LIVESTOCK...

is GOOD for
endangered species!



75% of endangered species habitat in the
United States is on PRIVATE LAND

Best, Wayburn 2001

RANCHING MATTERS

what's GOOD for
LIVESTOCK...

is GOOD for
endangered species!



many threatened or endangered plant & animal
species require managed livestock grazing to
maintain suitable habitat.

RANCHING MATTERS

what's GOOD for
LIVESTOCK...

is GOOD for
endangered species!



grazing is essential to vernal pool
health

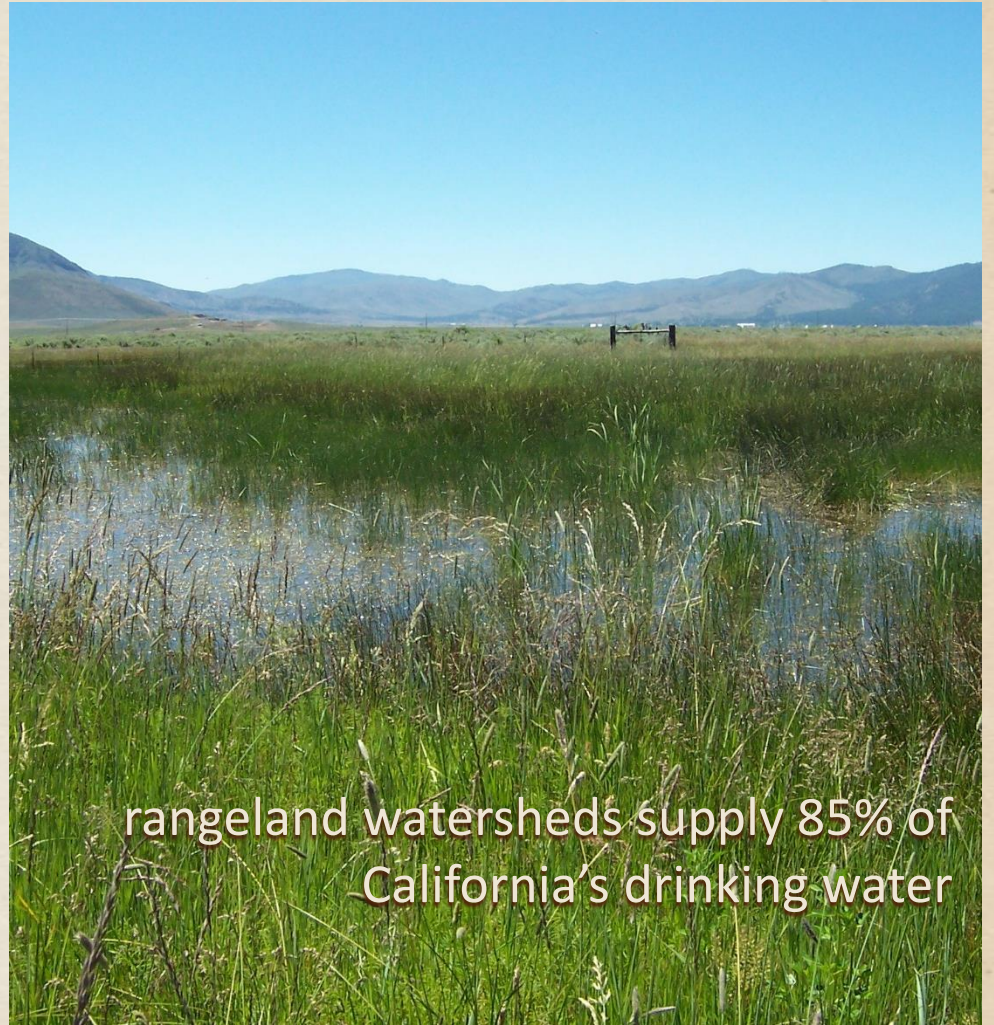
RANCHING MATTERS

Through managed grazing...

rangelands

PROTECT

water quality



rangeland watersheds supply 85% of
California's drinking water

<http://rangelandwatersheds.ucdavis.edu/>

RANCHING MATTERS

Through managed grazing...

cows help
RECHARGE
groundwater



for each 1% increase in soil organic matter, soil
can store an additional 20,000-25,000 gallons
of water per acre

Natural Resources Conservation Service

RANCHING MATTERS

rangeland
sequesters
carbon



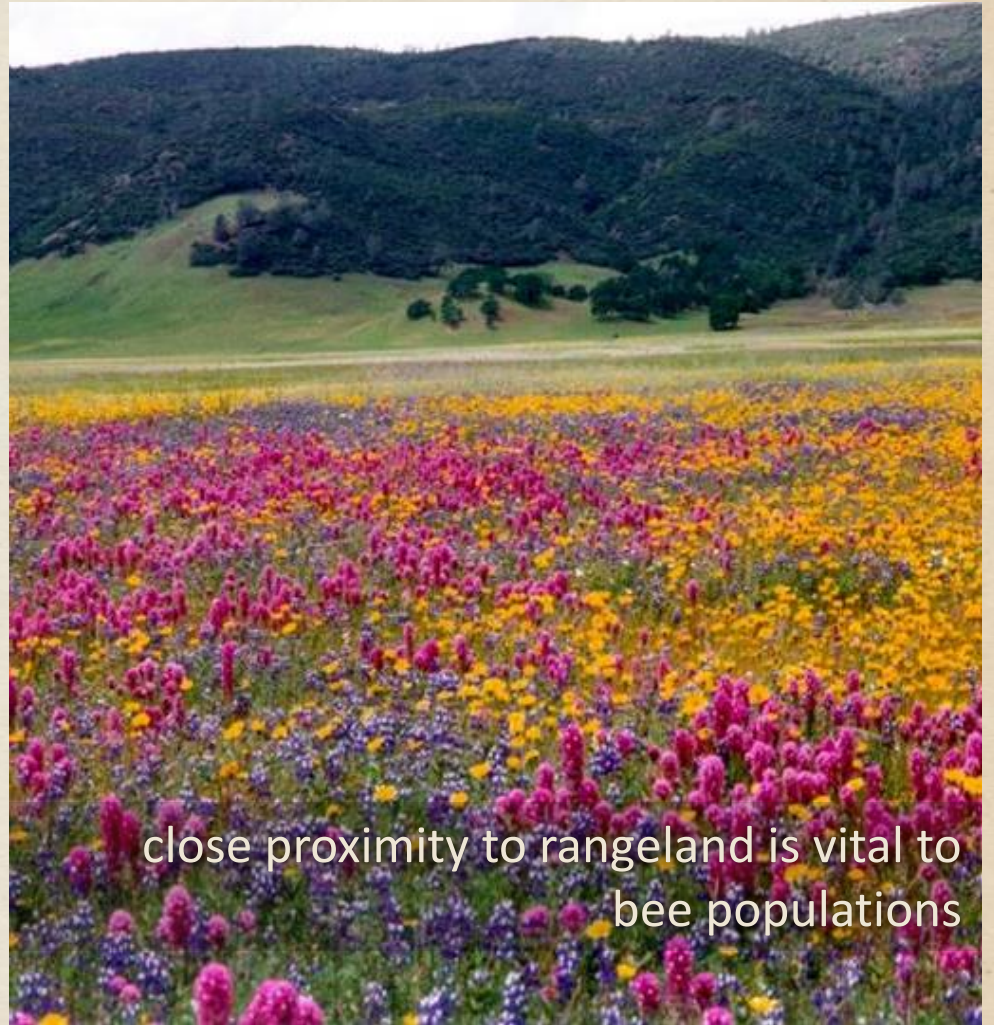
increased soil organic matter significantly
increases forage production and carbon
sequestration

RANCHING MATTERS

rangeland

SUSTAINS

local food supply



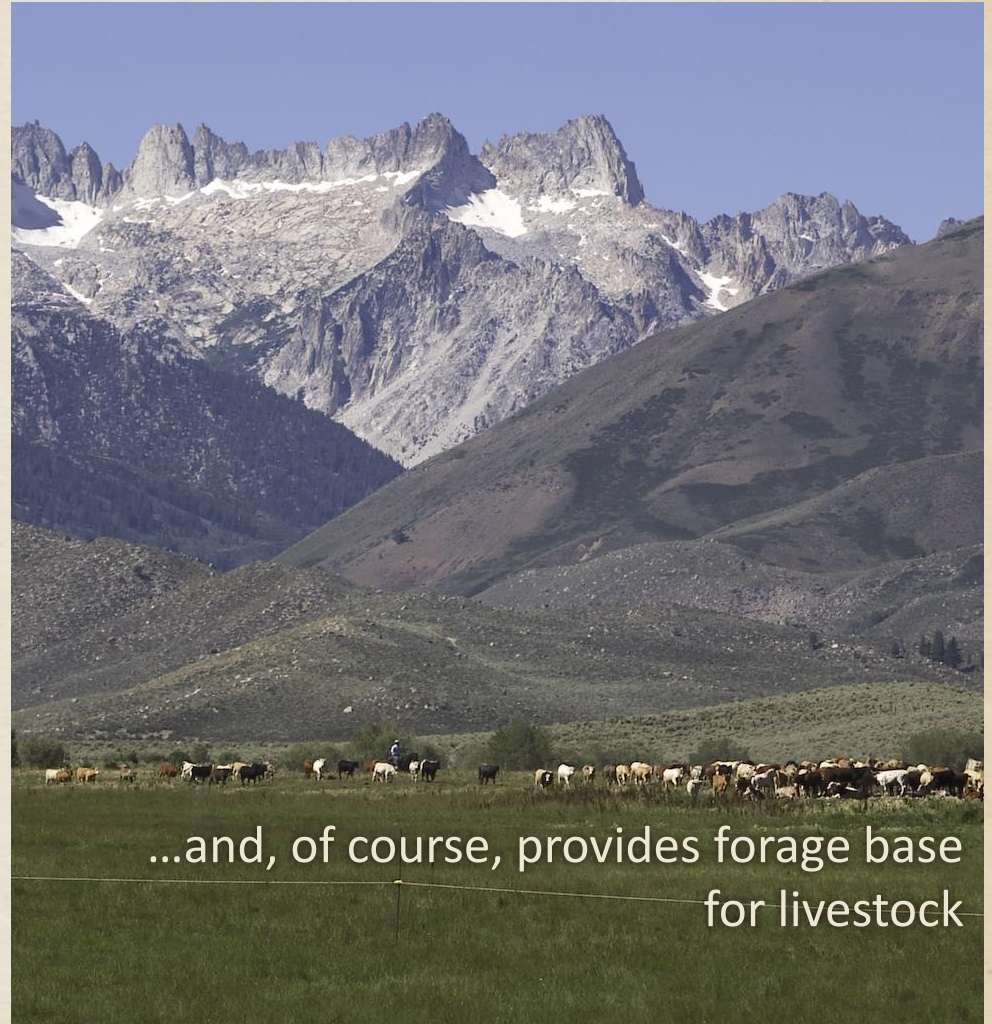
close proximity to rangeland is vital to
bee populations

RANCHING MATTERS

rangeland

SUSTAINS

local food supply



...and, of course, provides forage base
for livestock

RANCHING MATTERS

rangeland

is vital to

rural livelihoods,
local economies,

&

WESTERN CULTURE

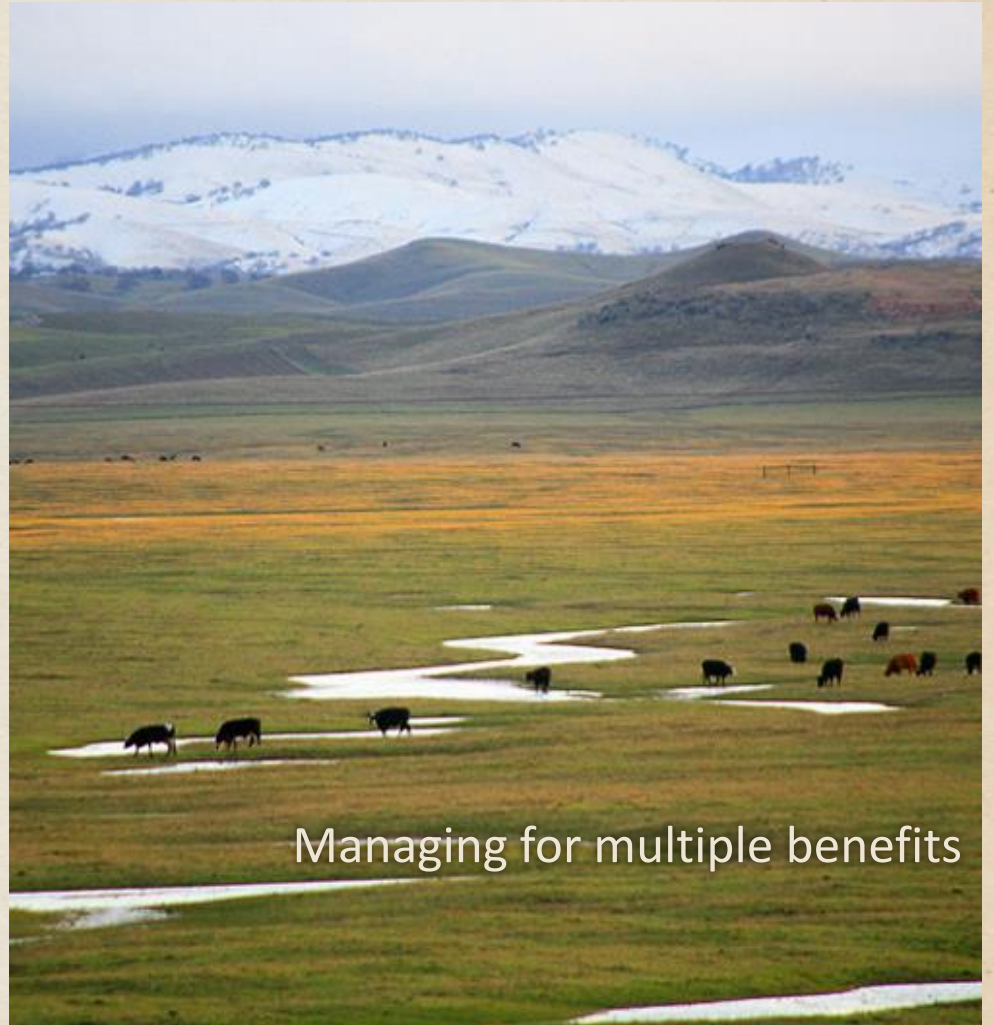
RANCHING MATTERS

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WESTERN CULTURE



BIOLOGICAL PROTOCOLS

managing
for
multiple benefits



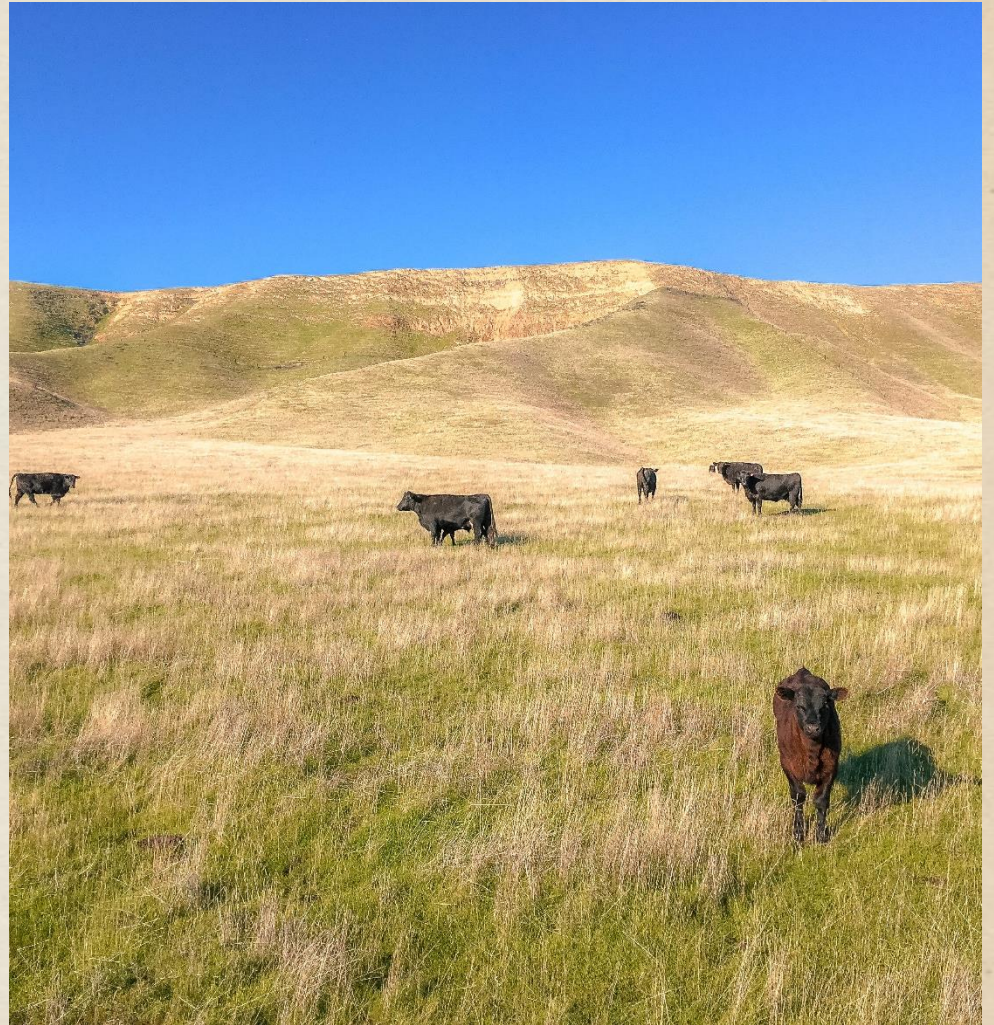
Managing for multiple benefits

**SUPPORTED BY
SCIENCE**

proper
grazing
management
keeps

LAND

HEALTHY



THE WAIT LIST

there are over
420,000 acres

ON OUR WAITING LIST



Nearly 100,000 acres no longer on our waiting list due to lack of funding

NEED FOR FUNDING

If current trends continue,
another 2 million acres of

farm

&

ranch **LAND**

will be lost

by 2050

NEED FOR FUNDING

If current trends continue,
another 2 million acres of

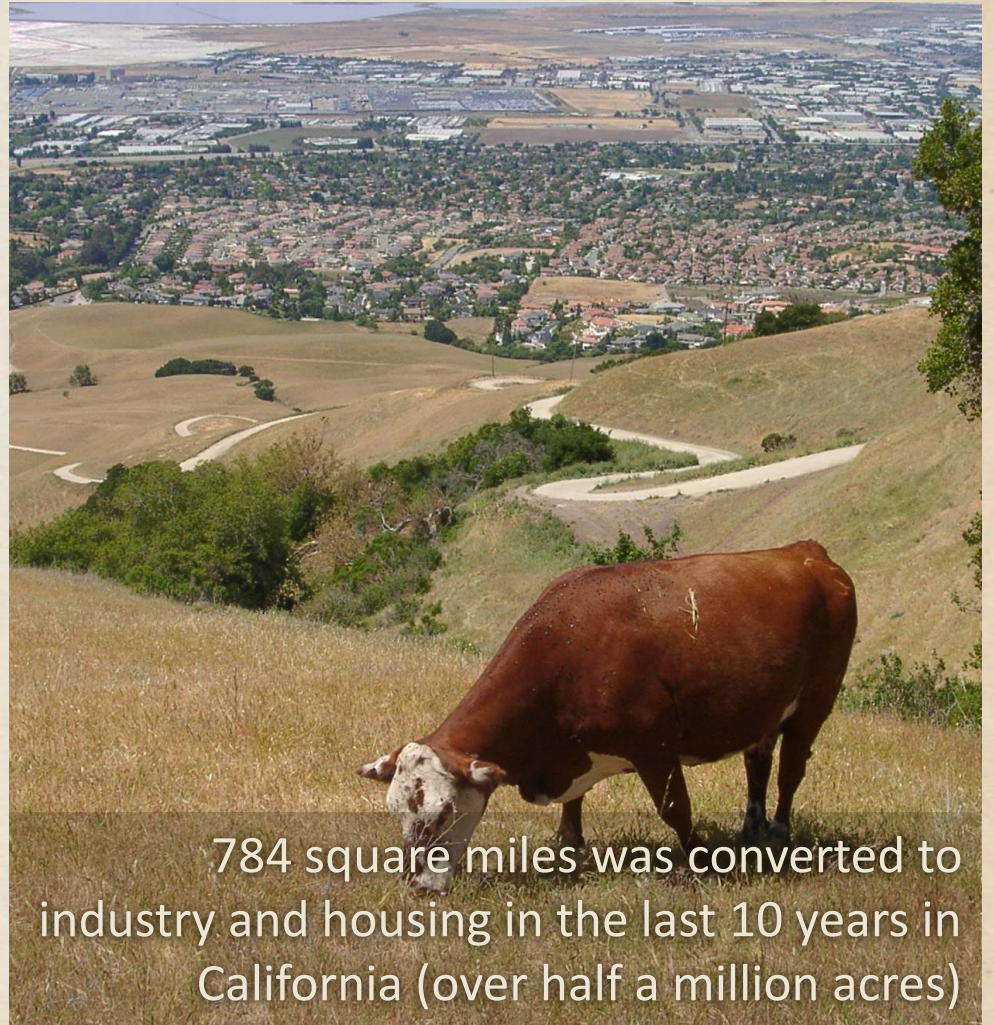
farm

&

ranch **LAND**

will be lost

by 2050



784 square miles was converted to industry and housing in the last 10 years in California (over half a million acres)

NEED FOR FUNDING

*We can't
wait forever*



Over the past 30 years, the average age of principal farm and ranch operators has been increasing

THE SCIENCE OPPORTUNITIES

Finding a way

to gather & elevate
the data

working together

*let's take advantage
of these
opportunities before
we lose them*



Questions?

info@rangelandtrust.org

www.rangelandtrust.org

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