



HABITAT & OPEN SPACE



Land Repurposing Solutions Seminar



What is habitat and open space?

- Natural areas that provide habitat for wildlife and a range of benefits for human communities
- Includes permanent habitat in dedicated preserves to temporary habitat found in and around farm fields
- Ranges in size from thousands of acres to areas as small as strips and hedgerows
- Can also function as buffers between agriculture and rural communities to reduce human health risks and create socioeconomic benefits
- Can help local Tribes protect historical resources and provide access to native plants of cultural value.



Potential Water Benefits

Reduce consumptive
water use



Improve soil health
and water retention



Replenish
groundwater supplies



← Mitigate flood risks →

Benefits to the Grower/Landowner

- Reducing consumptive water use
- Improving soil health and water retention
- Enhancing groundwater supply
- Managing flood risk

Benefits to Other Stakeholders

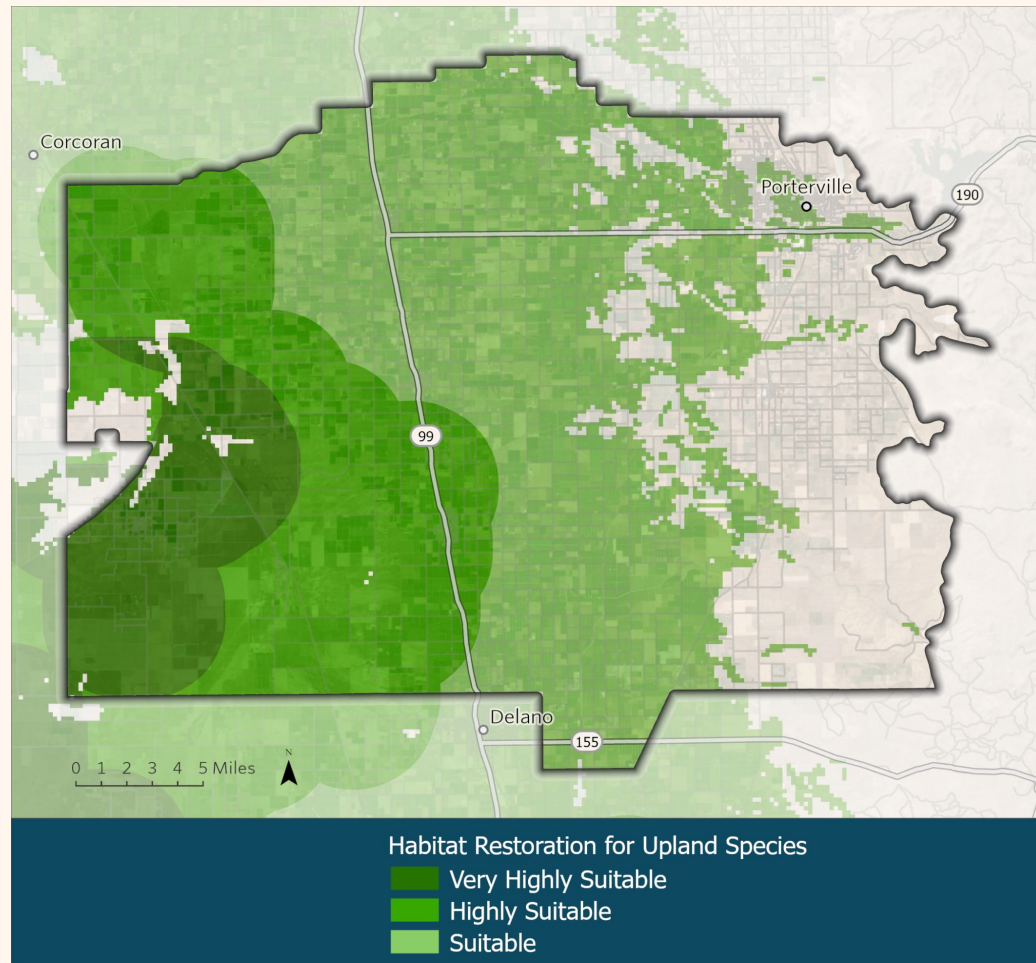
- Improving air and water quality
- Protecting community water supplies
- Recreation, aesthetic, and Tribal cultural values



Arid or upland habitat



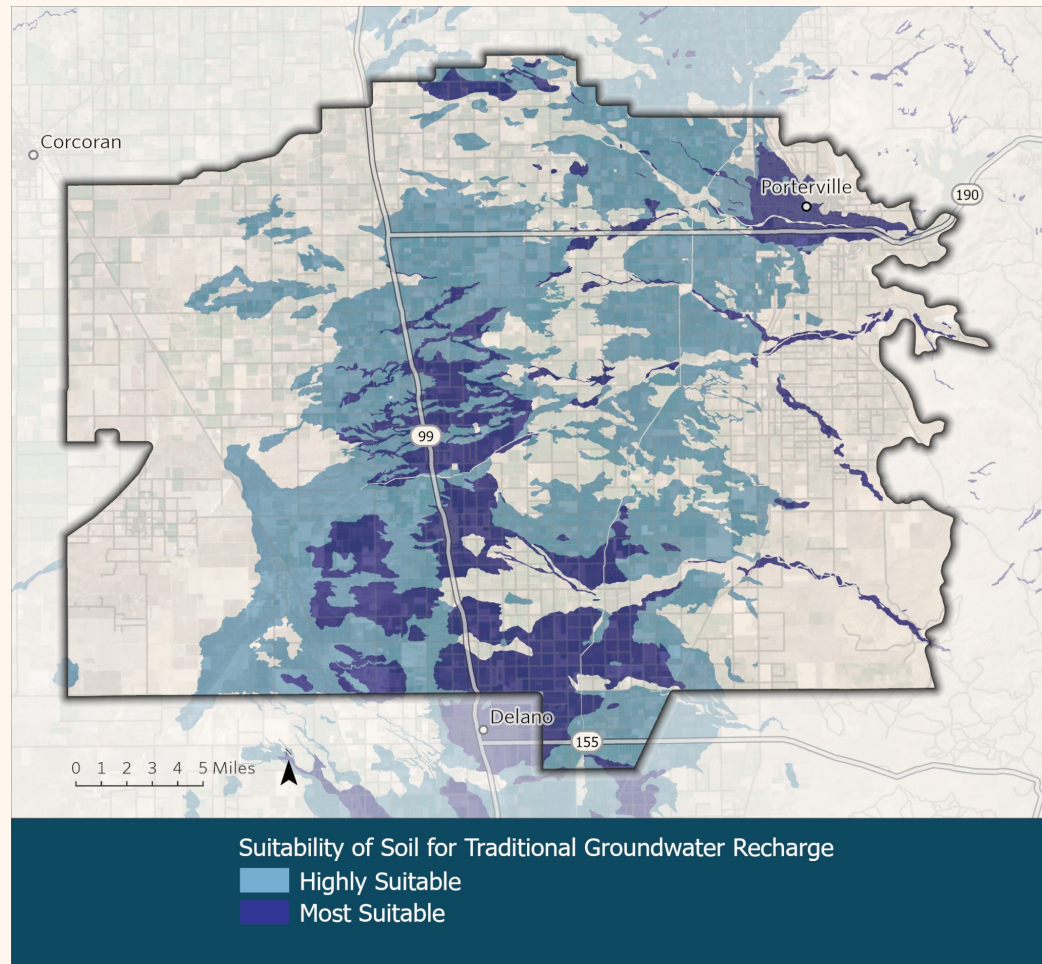
Which areas are suitable for arid habitat?



Wildlife-friendly recharge



Which areas are suitable for recharge?



Wildlife-friendly cover cropping



Habitat example: Capinero Creek

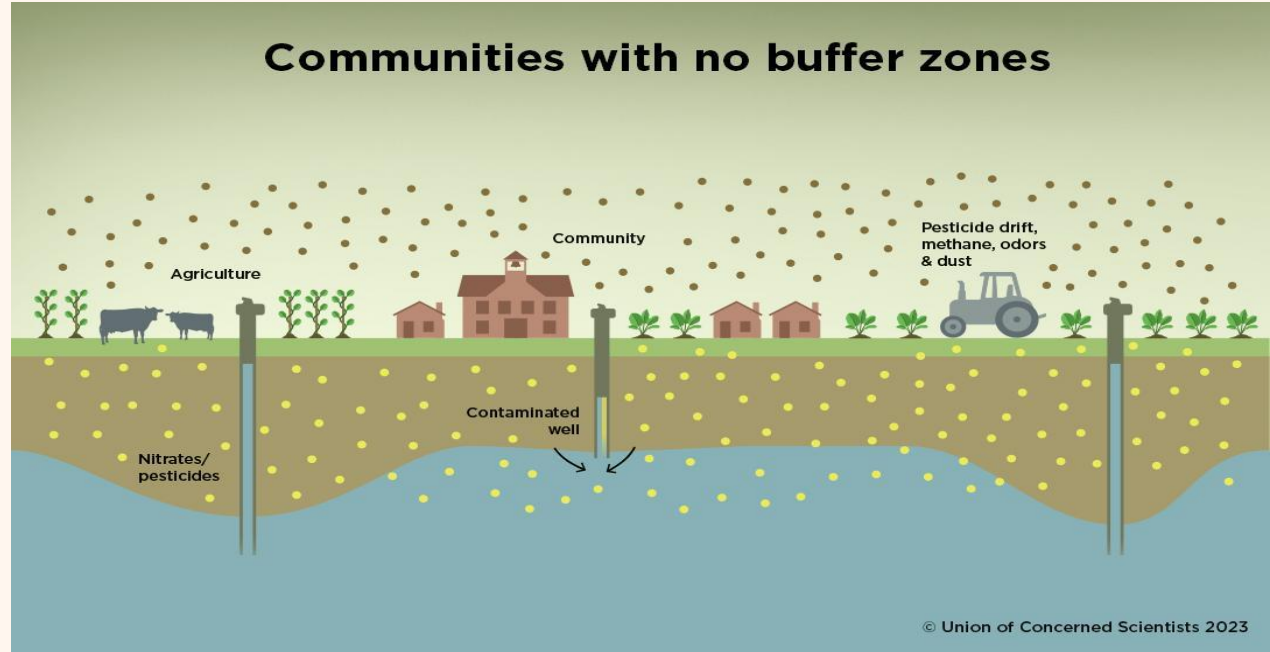


Habitat example: Capinero Creek



“Buffer zones”

Zonas de amortiguación

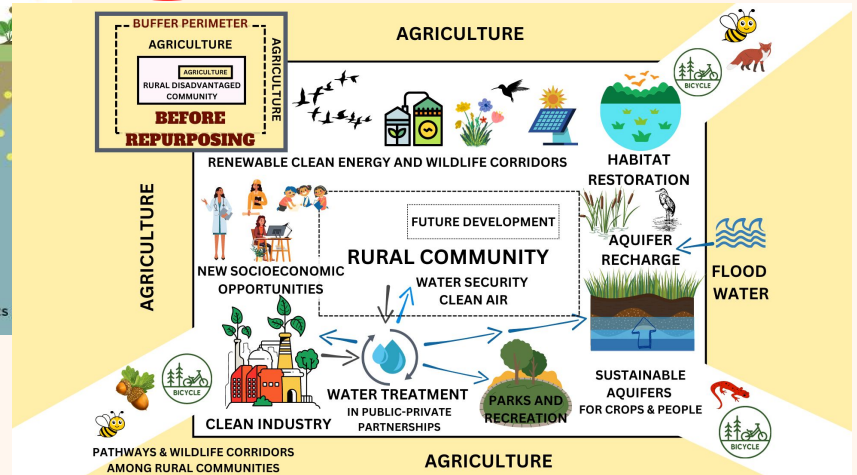
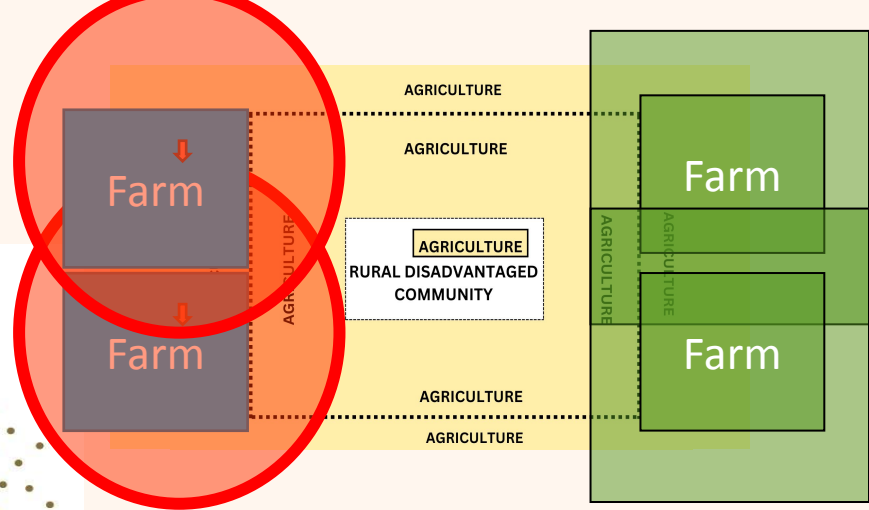
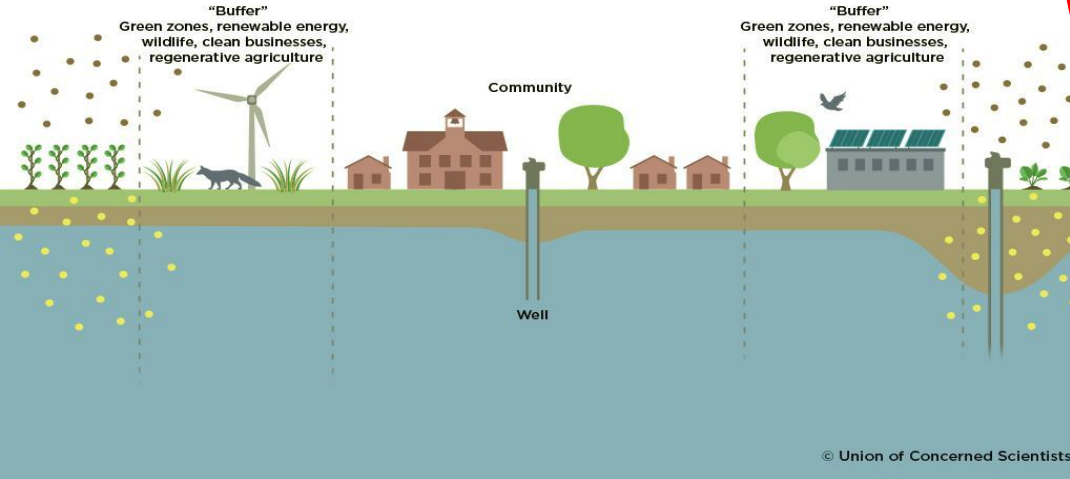


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"Buffer zones"

Zonas de amortiguación

Communities with buffer zones

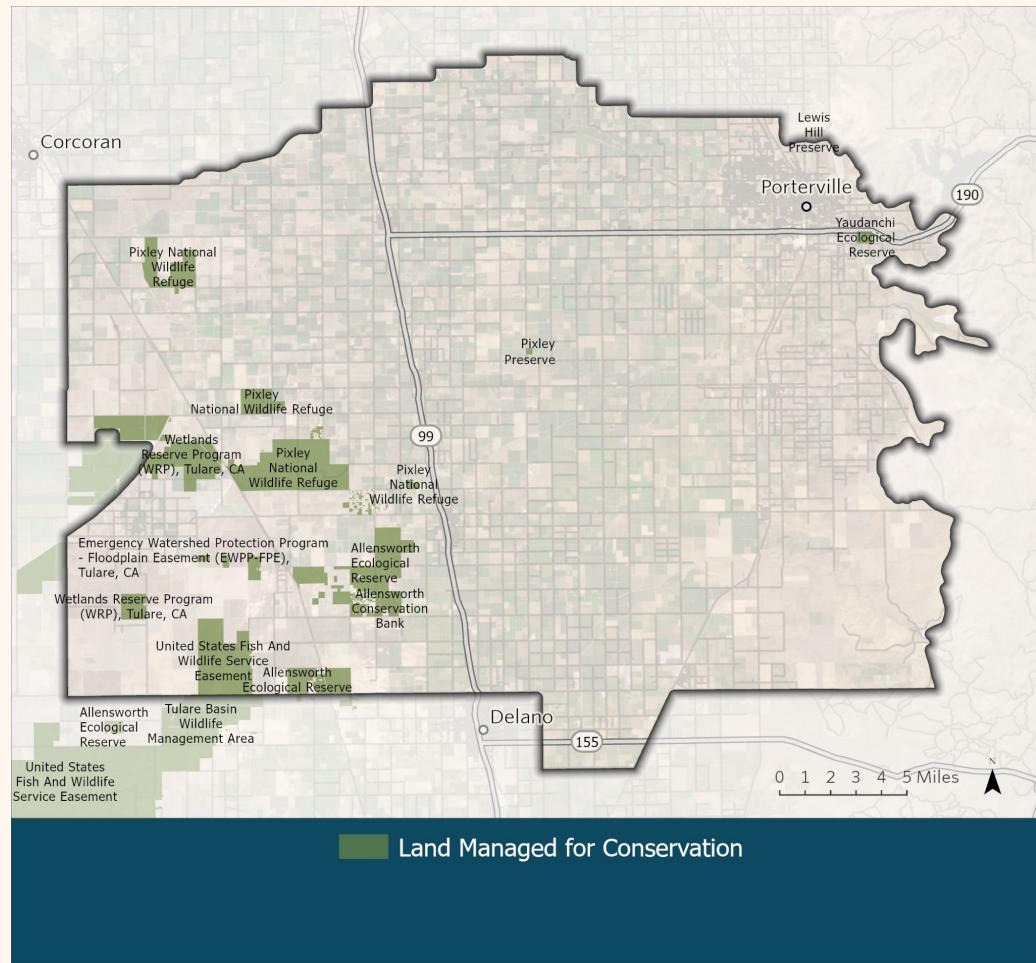


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SEEN

What is Conservation?

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Allensworth Regenerative Agricultural Hub

Centro de Agricultura Regenerativa

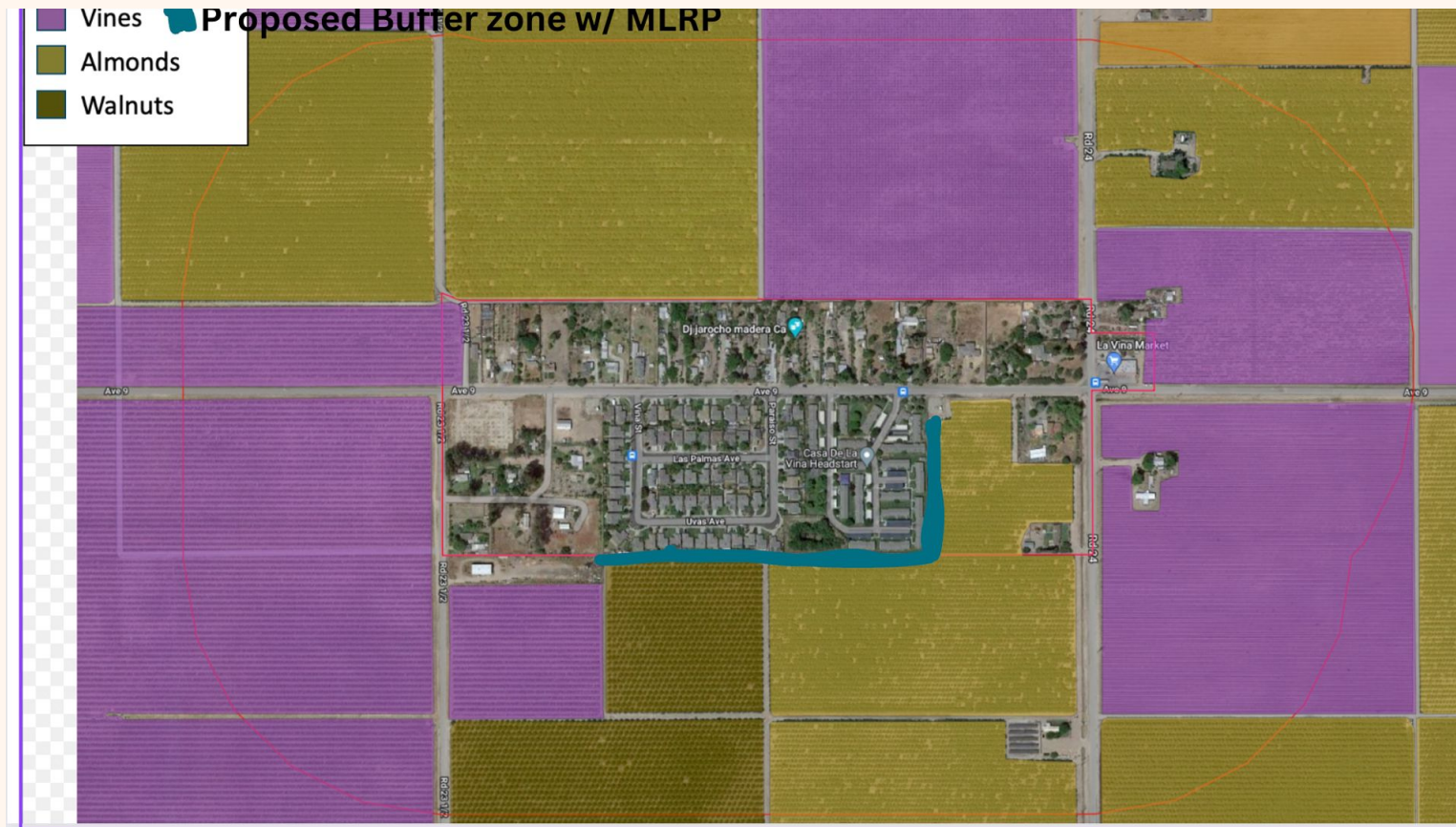


- Changing land use within the community by acquiring land
- Land Trusts & Lease Agreements → access to land for new small farmers
- Educational farm based on agroecology
 - Market center → locally grown produce and artisan goods by the residents.
 - Housing → Visitors to learn from local tradespeople
 - Summer camps → e.g. agrivoltaics
- Childcare cooperative for small farmers and farmworkers
- Working on agreements with surrounding Pistachio company to change their agricultural practices to improve the conditions in Allensworth (Pesticides, Water use, Pollution)

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Allensworth Progressive Association

La Vina Madera County



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Resources to Learn More

- For more information on upland and arid habitat restoration, contact Abby Hart, abigail.hart@tnc.org
- For more information on wildlife-friendly recharge basins, check out EDF's "Building Multi-Benefit Recharge Basins Guide" ([Link Here](#)) or contact Taylor Broadhead, taylor.broadhead@audubon.org
- For more information on buffer zones around communities, contact Leticia Classen-Rodriguez, lclassenrodriguez@seen.team
- For more information on Permanent Conservation refer to that Solution Summary.