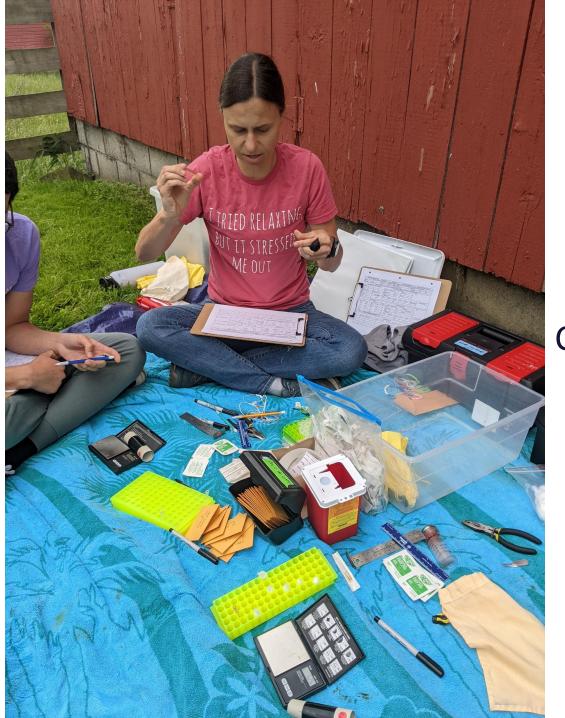


Carbon Neutrality

- 1,500 ac of woodlands conserved & potential to reforest existing and future fee properties
- 2,100 metric tons of CO2 sequestered
- Testing climate resilient practices on farmland







Faculty & Staff

Collaboratio n

Accreditation with LTAC

A Mark of Distinction

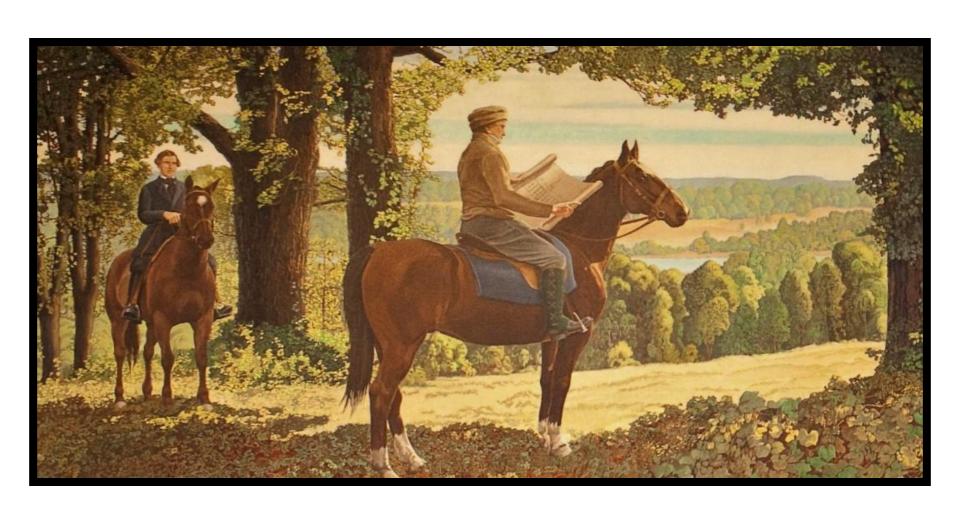
The accreditation seal **AFFIRMS** national quality standards are met.



- ✓ SOUND FINANCES
- **ETHICAL CONDUCT**
- **▼** RESPONSIBLE GOVERNANCE
- ✓ LASTING STEWARDSHIP

www.landtrustaccreditation.org

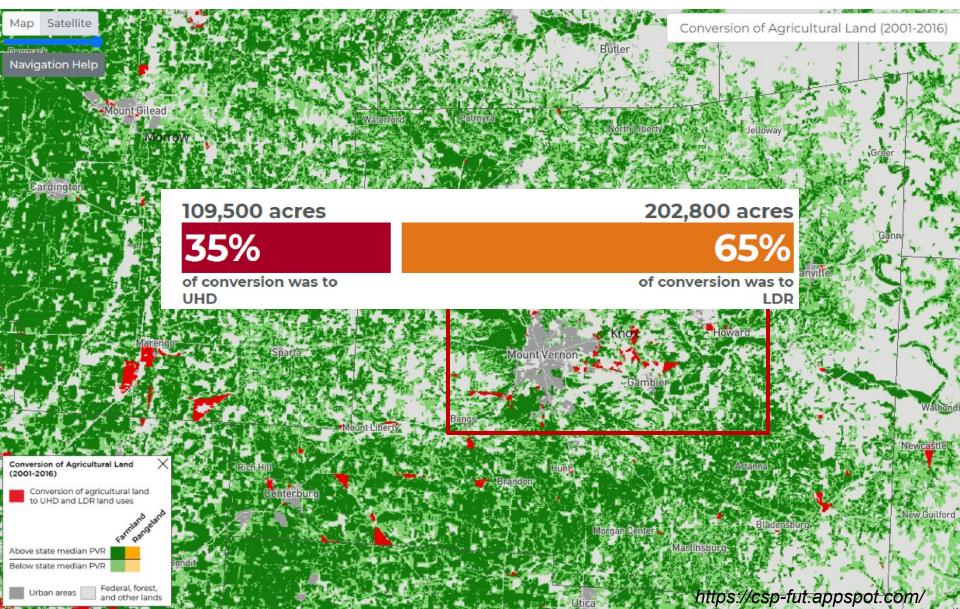
Well, this will do!







Why Preserve Farmland?







How Properties are Prioritized





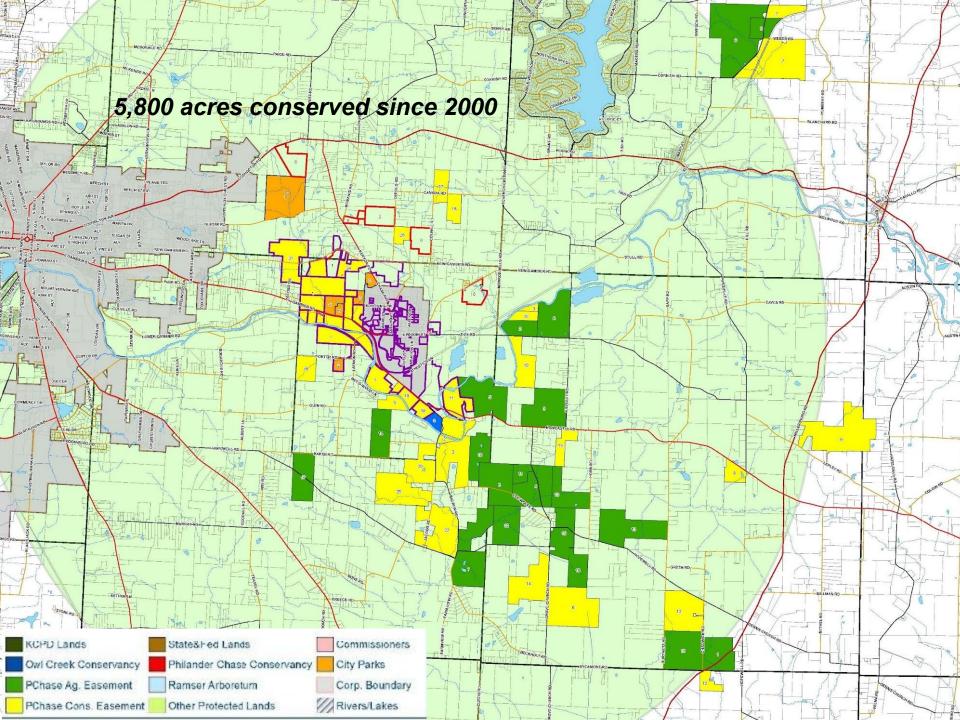
monitoring

Funding for Land Conservation

- Individual donors
- Foundations
- Government agencies







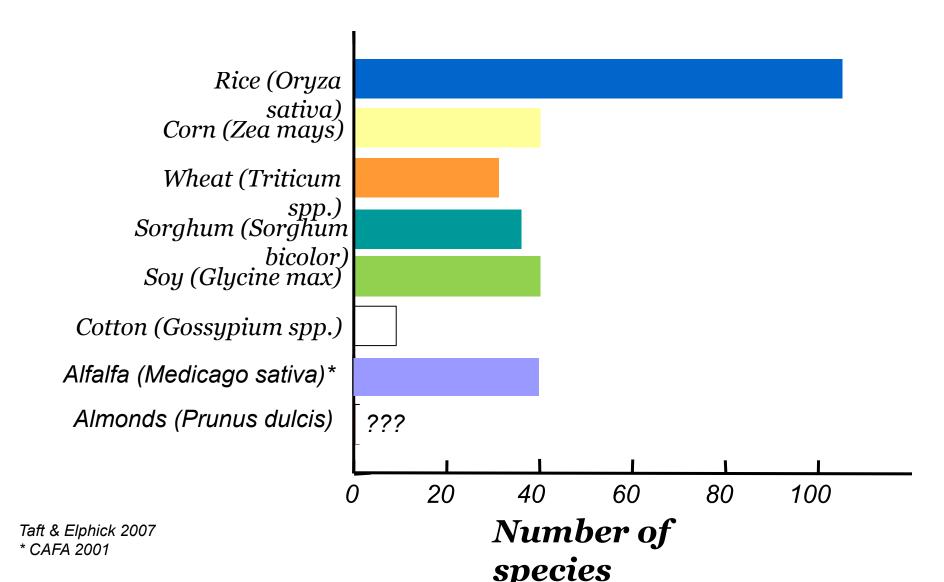


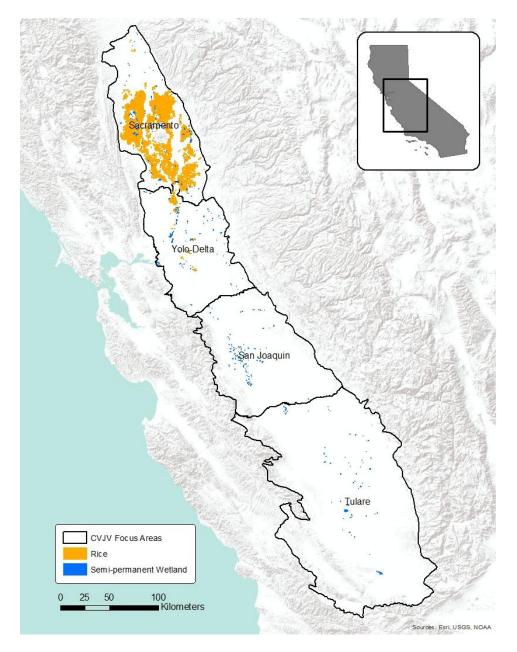
3billionbirds.org

- 2.9 billion fewer breeding birds than in 1970
- Common species have undergone staggering declines
- Landscapes are losing their ability to support birds
- And, landmark conservation efforts have helped bring some birds back.



Bird Use of Crops





Central Valley of California

- 18,000 mi²
- 450 crops & ¼ of the food we eat
- Home to 6.5 million
- Highly modified landscape
- 4million ac of wetlands to 200k ac

In-field management enhancement

Short-term contracts for implementation of waterbird-friendly practices

Practices	When
Early fall flooding with gradual drawdown	Jul – Sep
Residue management with boards-in	Oct – Feb
Winter flooding with variable drawdown	Dec – Mar
Nesting islands	Apr – Sep
Habitat ponds	Apr – Sep



United States Department of Agriculture









In-field management enhancement

Short-term contracts for implementation of waterbird-friendly practices in spring and fall



Predictive models Birds & Water





2 Habitat auctions



Save the birds!





United States Department of Agriculture









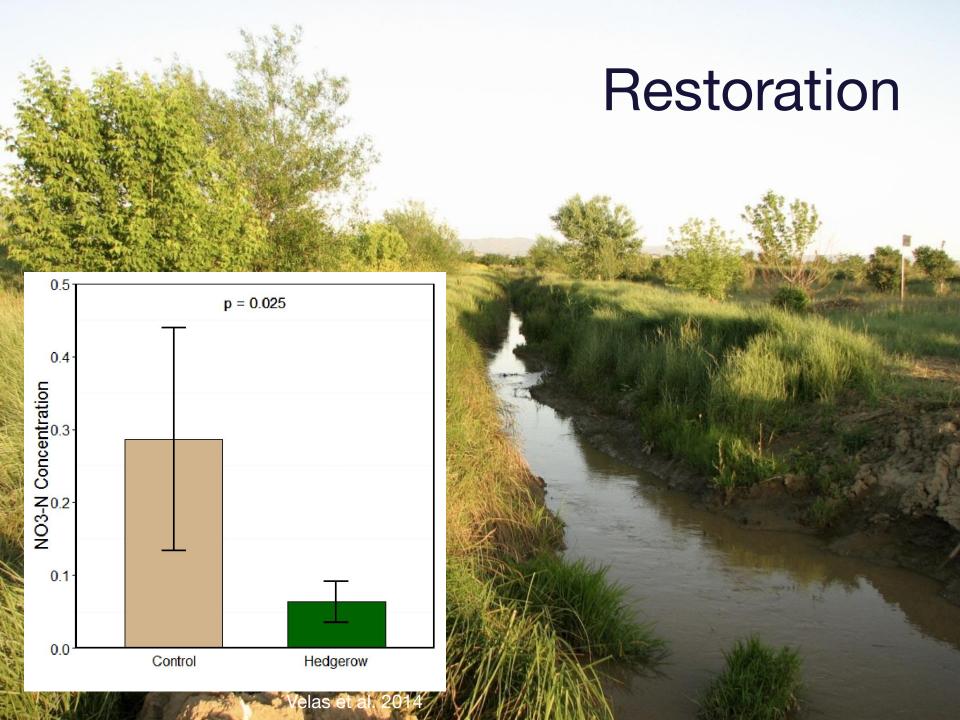




Short-term Enhancement

- Short term and voluntary long term commitments are not required
- Enhances the habitat value of farms without taking land out of production
- Offers incentive payments for several management practices
- Menu of practices gives farmers flexibility





Hedgerows

"Every farm has a parcel that can be restored to natural habitat." — Charlie Rominger

- Birds species richness increased by 30%
- Bird abundance increased by 40%
- Native vegetation increased insectivorous birds by 60%
- Native vegetation increased raptors by 130%



Services Provided by Birds



7 different types of agricultural pests:

- •Weevils
- Cutworms
- Alfalfa loopers
- •Flies
- Avg 2.2 rodents caught per 5 min observation
- Max: 20 rodents in 5minutes!





Reduced Mummy Nuts

- •from 2% 96%
- •60.2% at orchard edges and 14.4% at orchard interiors
- positive correlation with the # of plant species in understory & the proportion of natural habitat within 1 km

Fish & Wildlife Structures













Take Aways

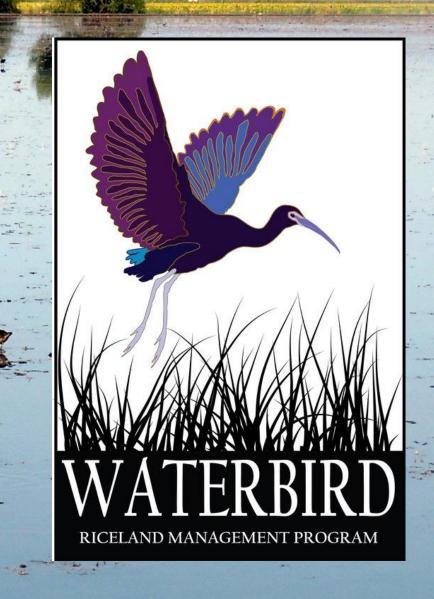
- Land matters to birds & people
- Conserved land is only as good as it is managed
- Conservation practices provide benefits to
 - birds and farms
- Birds provide important services to farms





END

Direct Maketing





4Rs