

Catalyzing Impact Investment in Sustainable Agricultural Lands and Practices

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Our Team



Project Implementation

Goals

- Develop quantitative tool
- Evaluate financial impacts
- Catalyze investment

Objectives

- Integrate many data types
- Build framework for benefits
- Use outputs of tool to demonstrate value







Ecosystem Valuation Toolkit



- Web-based repository and suite of tools
- Rapid Response
- Scalable analysis

Researcher's Library



- 200+ fields for every value
- 1,400+ vetted values
- 45,000+ candidate values

Cleanliness and Transparency



- Multi-stage vetting process
- Trained economic analyst review
- Full change tracking

SERVES



- Filter and select studies for transfer
- Flexible value reporting
- Collaboration tools

Additional Indicators

32 total indicators

- Farm-level: 2
- Field-level: 4 in addition to
 - Crop management practices: 14
 - Animal management practices: 8
 - Structural practices: 4

Ecosystem Descriptor 1

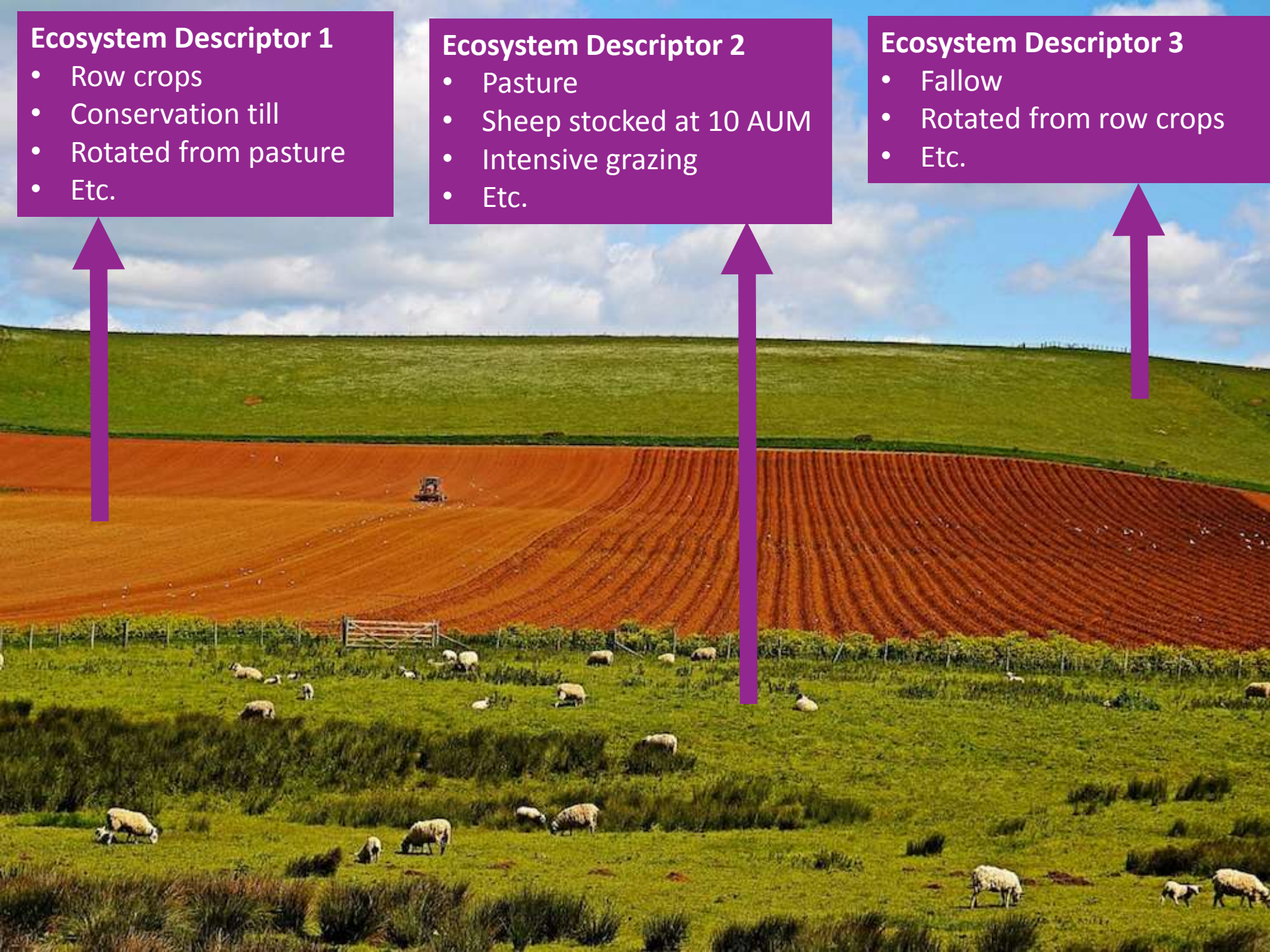
- Row crops
- Conservation till
- Rotated from pasture
- Etc.

Ecosystem Descriptor 2

- Pasture
- Sheep stocked at 10 AUM
- Intensive grazing
- Etc.

Ecosystem Descriptor 3

- Fallow
- Rotated from row crops
- Etc.



Bibliography: Farm of the Future: Working lands for ecosystem services

Site 1: Sacramento River Ranch Farm

Ecosystem Descriptor 1: Cultivated, Pastures, Other

Ecosystem Service 1: Habitat, Habitat, Specific Species

Valuation Methodology 1: Market Based, Market Price

Value 1: 7500 USD per Acres per other



Ecosystem Descriptor 2: Shrublands, Shrub, Other

Ecosystem Service 2: Habitat, Habitat, Specific Species

Valuation Methodology 2: Market Based, Market Price

Value 2: 85000 USD per Acres per other



Ecosystem Descriptor 3: Wetlands, Grass / Herbaceous, Unspecified

Ecosystem Service 3: Habitat, Habitat, Unspecified

Valuation Methodology 3: Market Based, Market Price

Value 3: 100000 USD per Acres per other



