

# KANSAS Wraps

## Watershed Restoration and Protection Strategy

In association with the Kansas Department of Health and Environment

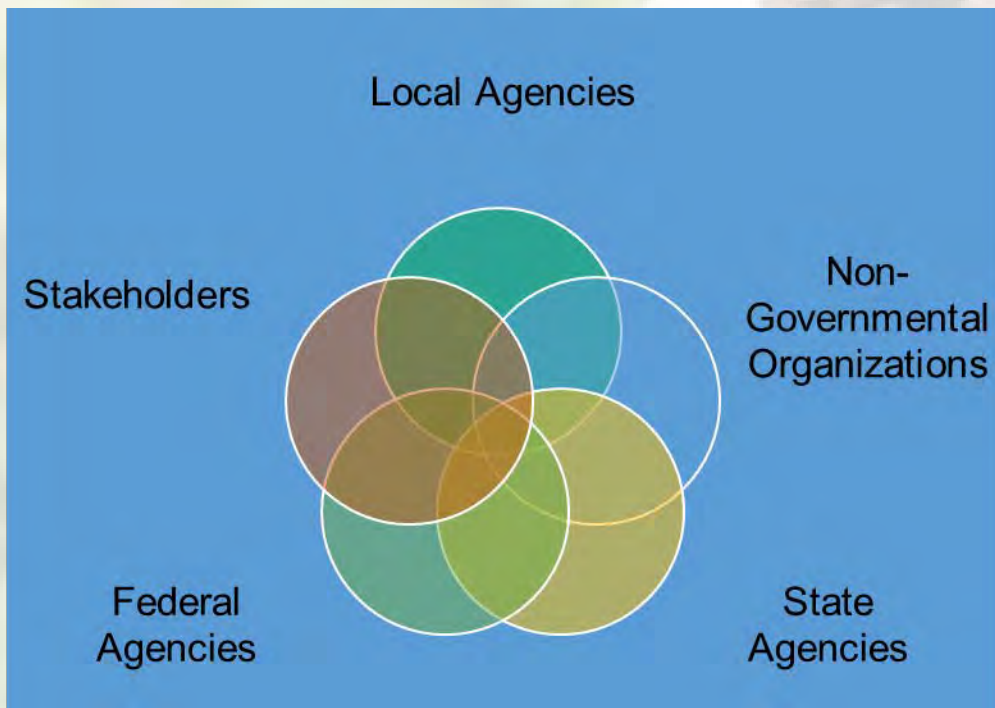
Amanda Reed

Great Plains and Midwest Harmful Algal Blooms Workshop

February 4, 2020



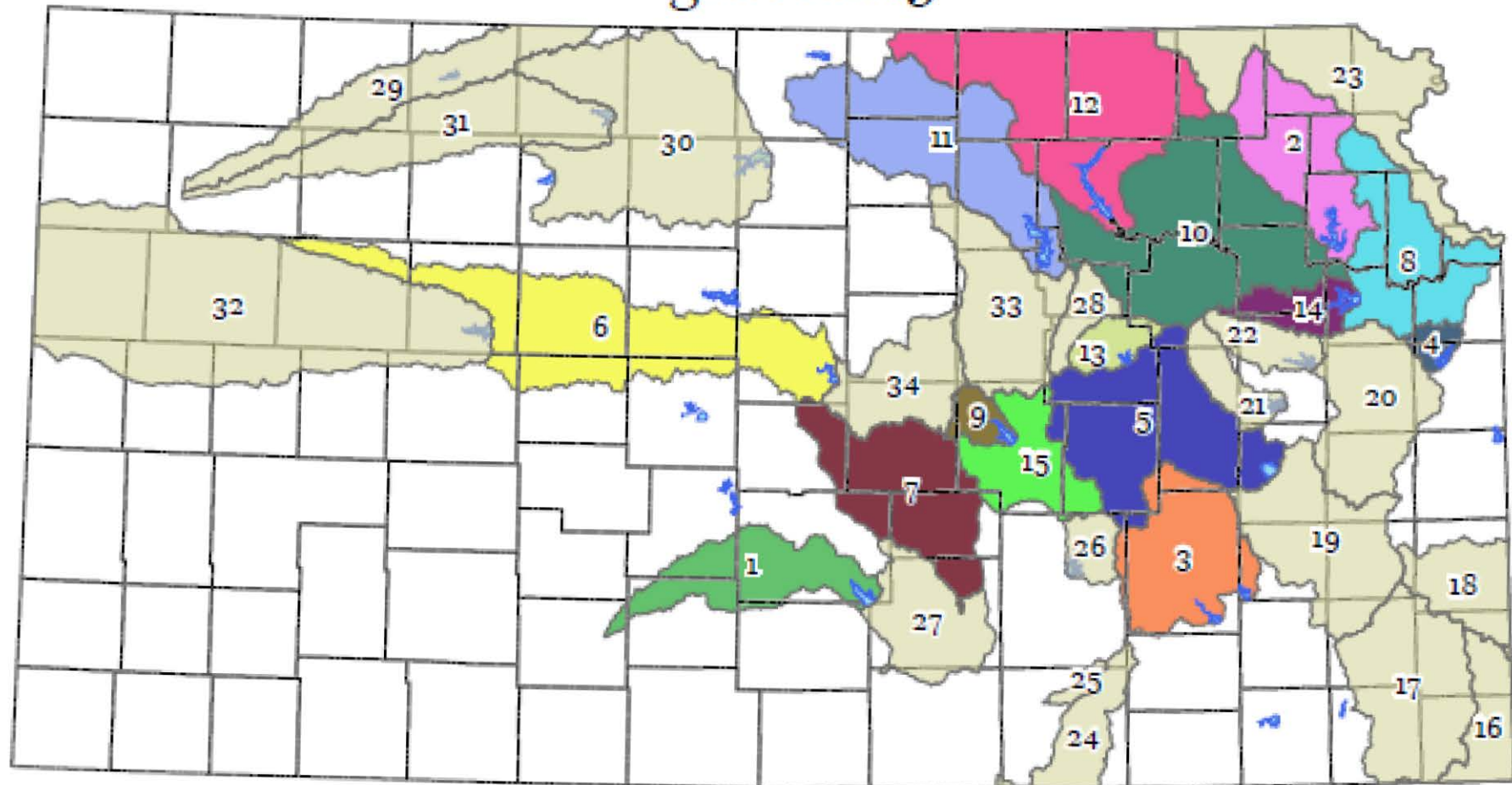
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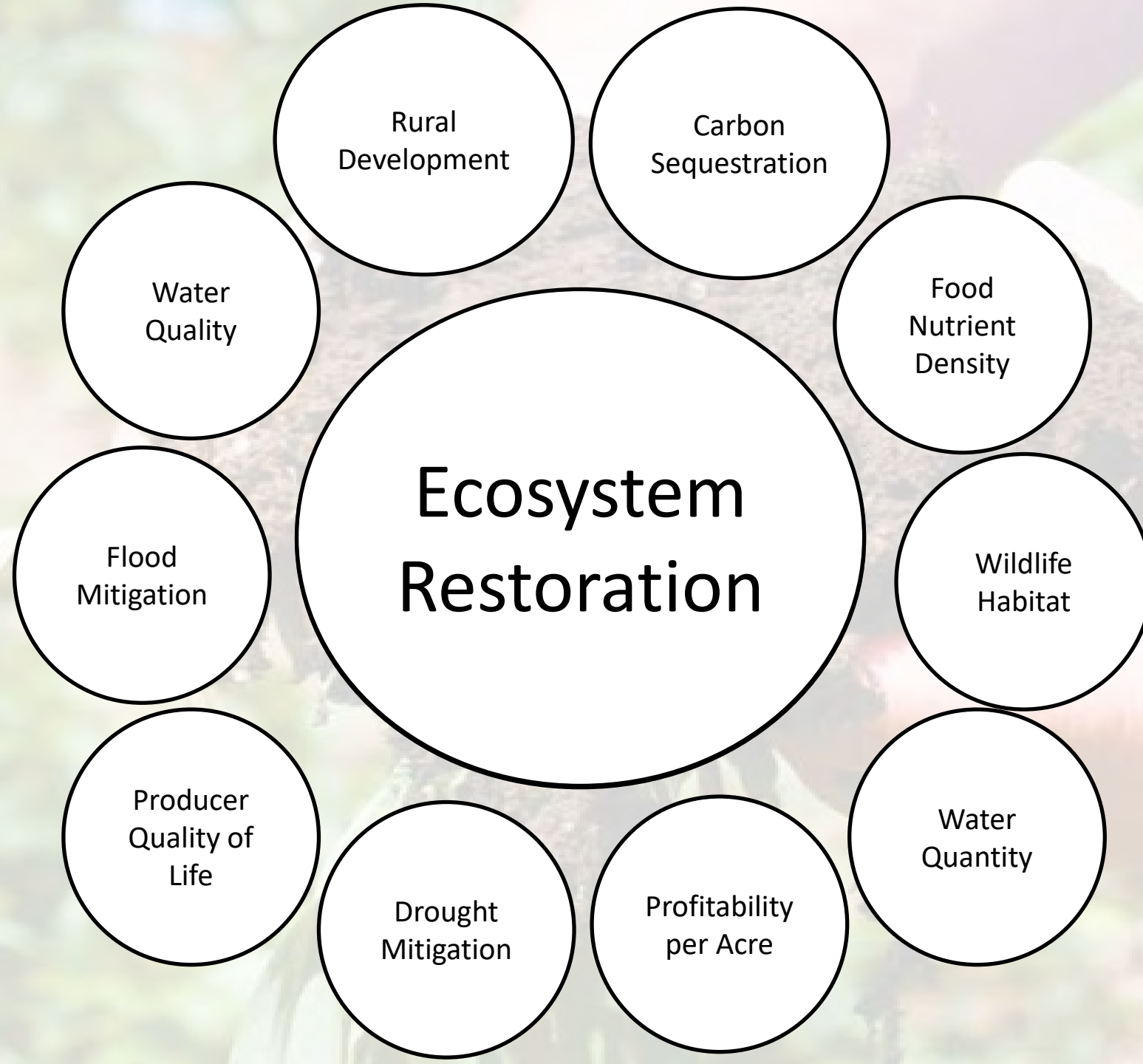


- Vision of WRAPS is to achieve improved water quality for the State of Kansas through collaborative watershed management.
- WRAPS Projects work collectively with many partners including state and federal agencies, local producers, industry, municipalities, and other stakeholders to develop, plan, and implement strategies to address water quality concerns.



# August 2019





Rural  
Development

Carbon  
Sequestration

Food  
Nutrient  
Density

Wildlife  
Habitat

Water  
Quantity

Profitability  
per Acre

Drought  
Mitigation

Producer  
Quality of  
Life

Flood  
Mitigation

Water  
Quality

**Ecosystem  
Restoration**

# WRAPS Tool Box

Cost-share

Relationships with  
Agricultural Service Providers

Information & Education

Partner with Implement  
Manufacturers

Outreach & Advocacy

Global Food & Ag  
Companies

Partner with Agencies

Ecosystem Services





# Ormiston Farms



# SRF – Kansas Cover Crop Interseeding for Clean Water in Northeast Kansas











Figure 4: Anticipated Water Quality Benefits

The seven interseeders are contractually required to plant at least 10,000 acres of cover crop each year.

Annual load reductions for 70,000 acres of cover crop are:

**136,639** pounds of Nitrogen

Planted acres will be evenly split between Tuttle Creek Watershed and Delaware River Watershed. Each watershed will reduce:

**68,319** pounds of Nitrogen

**34,201** pounds of Phosphorus

**23,383** tons of Sediment

# General Mills/Understanding Ag



SOIL HEALTH  
ACADEMY



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## ECOSYSTEM SERVICES MARKET CONSORTIUM

Growing resilience in agriculture

MISSION: To advance ecosystem service markets that incentivize farmers and ranchers to improve soil health systems that benefit society.



A close-up photograph of a person's hands holding a large, dark, rich mound of soil. The soil is piled high and appears moist and fertile. A plant root system is visible, extending downwards from the soil. The background is a blurred green field, suggesting an outdoor agricultural setting. The text "Thank You!" is overlaid in the center of the image.

Thank You!