

# Illinois Gulf Hypoxia Program

## Workplan Years 1-2

Trevor Sample  
Illinois EPA



**ILLINOIS**  
NUTRIENT LOSS  
REDUCTION STRATEGY

1

Illinois' two-year workplan includes seven projects that will advance the implementation of the Illinois Nutrient Loss Reduction Strategy by creating new initiatives and scaling up existing programs.

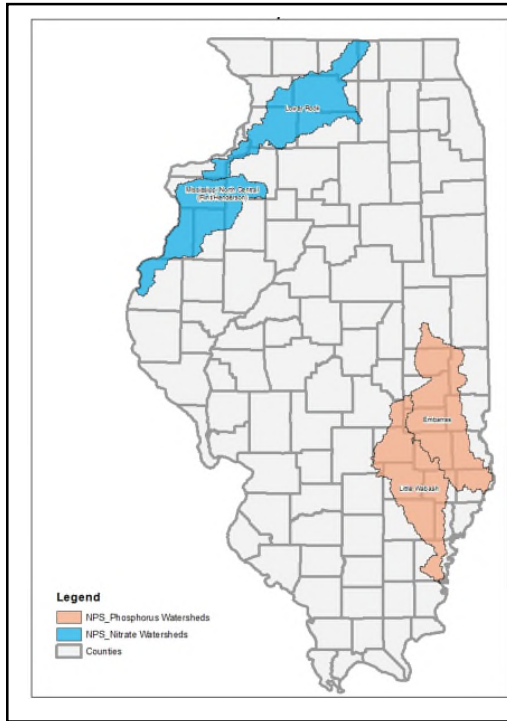
### Projects include:

- water quality monitoring in surface and groundwater
- agriculture conservation practice implementation
- watershed education and outreach
- data metrics collection
- nutrient strategy update and reporting



**ILLINOIS**  
NUTRIENT LOSS  
REDUCTION STRATEGY

2



## University of Illinois Extension Watershed Outreach Associates

- Nutrient Loss Reduction Strategy Outreach and Education
- Watershed Planning and Implementation
- Conservation Practice research
- NLRs Podcast and Blog



**ILLINOIS**  
NUTRIENT LOSS  
REDUCTION STRATEGY

3

## Statewide Nutrient Export Loading Network



Stream Name	Location	Station Drainage Area in Illinois only, in mi <sup>2</sup>
Rock River	Joslin	3,973
Green River	Geneseo	1,000
Illinois River	Florence	22,631
Kaskaskia River	New Athens	5,189
Big Muddy River	Murphysboro	2,168
Vermilion River	Danville	1,199
Embarras River	Lawrenceville	2,348
Little Wabash River	Carmi	3,102
Des Plaines River	Joliet	1,502



Basins cover almost 75% of the land area in the state



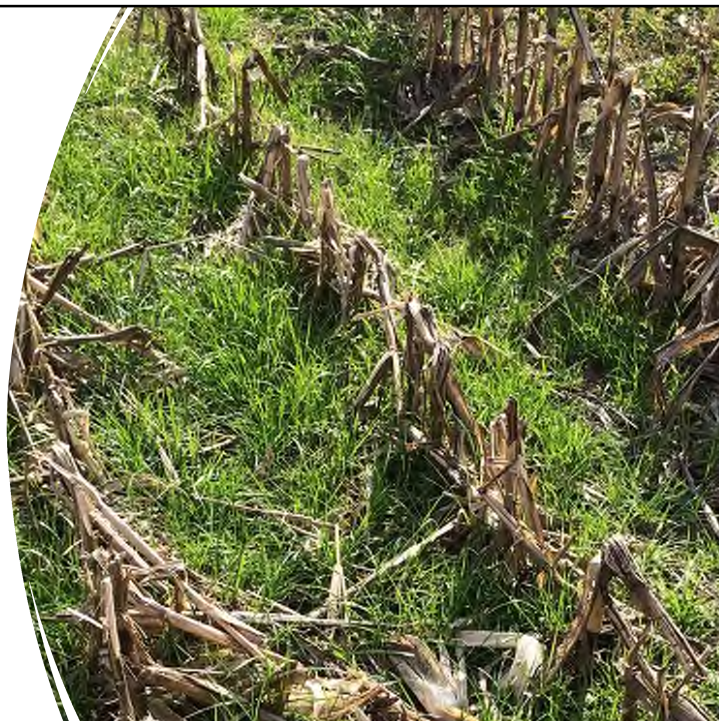
**ILLINOIS**  
NUTRIENT LOSS  
REDUCTION STRATEGY

4

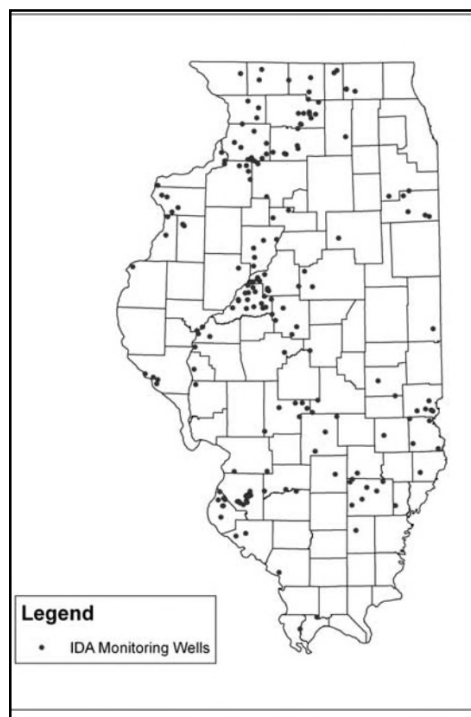
## Illinois Department of Agriculture Fall Covers for Spring Savings Cover Crop Premium Discount Program

---

- Each acre of cover crops planted= \$5 per acre discount on crop insurance
- GHP funding will provide for up to 40,000 acres in addition to the current 100,000 acres previously offered



5



## Groundwater Nitrate Analysis

---

- Lab analyzer to perform nitrate concentration analysis to compliment the Illinois Department of Agriculture's Groundwater Monitoring Well Network.
- 133 monitoring wells throughout the state

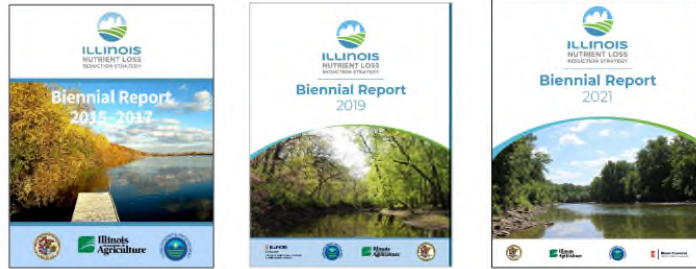


**ILLINOIS**  
NUTRIENT LOSS  
REDUCTION STRATEGY

6



# NLRS Biennial 2023 Report



The NLRS Logic Model

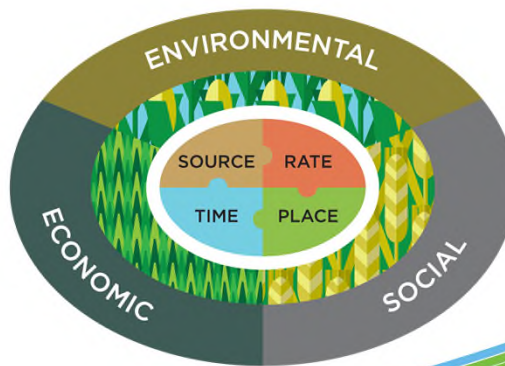


ILLINOIS  
NUTRIENT LOSS  
REDUCTION STRATEGY

7

## Ag Retailer 4R Nutrient Management Metrics Survey

- Adopt survey methodology currently used in Iowa to collect fertilizer application data and best practices from fertilizer retailers throughout the state



ILLINOIS  
NUTRIENT LOSS  
REDUCTION STRATEGY

8

