



# Illinois NREC

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**Illinois NLRs Partner Conference**

January 25, 2024

# NREC Overview

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01. Who is NREC?

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02. Progress to date

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03. NREC and NLRS

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04. What's next?

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05. Research Review

# Who is NREC?

Created in 2012  
through state statute

Funded by \$.75/ton  
assessment on  
fertilizer sold in Illinois

Collaboration between  
ag, environmental  
groups, and state  
agencies

- Ensure adoption and implementation of practices that
  - Optimize nutrient use efficiency
  - Ensure soil fertility
  - Address Environmental concerns regarding fertilizer



# Progress to date

## Research Investments

- Over \$39M invested in research since 2013
- Projects at University of Illinois, Illinois State University, Southern Illinois University, Western Illinois University, Purdue

## Outreach

- Multiple NREC publications focused on Cover Crops, MRTN, and turf applications
- Nearly 100 scholarly articles published in peer reviewed publications
- Annual Investment Insights Live event and field days
- New OEPP opportunities in 2024

## Student Engagement

- Dozens of undergrad, Masters and PhD students supported each year with NREC funding

# Research Highlights



- Streambank Phosphorus loss research
- Cover crops – mixes and technologies
- Wheat as a double crop option to show nutrient loss reduction
- The role of legacy Phosphorus
- WASCOBs research
- Novel research that may be basic research now but could lead to new practices
  - lateral seepage
  - other exciting innovations

# NREC and the NLRS



## Work in

Work in parallel (but independently) with the strategy



## Evaluate

Evaluate removal rates for BMP's already in strategy



## Provide

Provide peer-reviewed research for BMP's not already in strategy



## Serve on

Serve on Policy Working Group, and Ag Water Quality Partnership with support to Science Advisory Team



## Fund

Fund bi-annual USDA-NASS Survey re: NLRS awareness and adoption



# What's Next?



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## Increase in Assessment

- 2025 target
- Increase to \$1/ton
- Inflationary impacts
- Additional \$1.3 Million in Revenue

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## Outreach & Education Partnership Program

- Dedicated Outreach partnerships
- Communications Grants to partners
  - AFT
  - TNC/Extension
  - ISA
  - ISAP
  - ILFB

Coming LIVE to Champaign, Illinois

NREC



ILLINOIS  
NREC

[www.illinoisnrec.org](http://www.illinoisnrec.org)

# NREC Investment Insight

**LIVE!**

**February 15, 2024**

Direct from the fields and  
laboratories of Illinois,  
From the hearts of highly-  
respected researchers,  
Listen to and learn  
about the latest in  
NREC-funded  
research results.

