2020 NLRS Partnership Workshop

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Partner organizations represent agriculture, urban stormwater, point sources, universities, environmental groups, public water supply, and government agencies.

Across all sectors

60+PARTNERS





100 + MEETINGS

Partners meet to share ideas and discuss progress.

The Policy Working Group and its subgroups have met more than 100 times since 2015.





\$340 MILION

from partner organizations. Since 2015, partners have dedicated \$340 million towards implementing the strategy and furthering its goals.

The strategy relies on investment

Cover Crop Inter-seeding for Early Season Establishment

Results

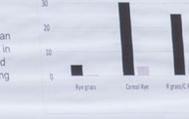
Cover crop

Capture soil residual NO₃: to reduce N loss to water.

- Contain surface runoff, less P loss to water.
- But, hard to establish in northern US after crop harvest very short growing period from corn harvest to winter)

Objective

To develop an improved cover cropping system that ca reduce soil N and P loss in the off-season, as evident i reduced Winter-Spring subsoil nitrate loads, increased soil organic (microbial) matter and yields of succeeding ood crops, and reduced fertilizer need





Reduction in Soil NO .- N stock by cover cro





133,000+

The Illinois NLRS partners provide valuable outreach and education.

Partners have reached over 133,000Illinois residents through meetings, conferences, and field days.



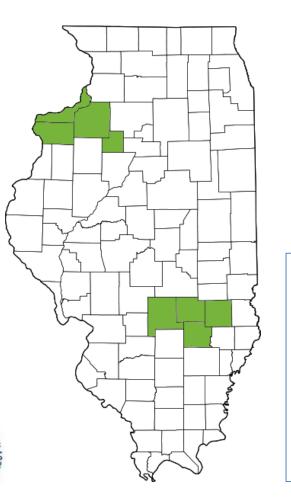
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The Illinois Nutrient Loss Reduction Podcast

Developed by the Watershed Outreach Associates in partnership with Todd Gleason. https://will.illinois.edu/agriculture/note/

University of Illinois Extension Watershed Outreach Associates

Based in the Embarras/Little Wabash and Mississippi Central/Lower Rock watersheds.

Illinois NLRS Podcast Episodes

illinois-nutrient-loss-reduction-podcast



Agriculture 36 Bioreactors

Bioreactors are one of the BMPs recommended in the strategy.

In just two years, the number of woodchip bioreactors in Illinois has nearly doubled.





Interim goals are a 25% reduction in total phosphorus loss and a 15% reduction in nitrogen loss by 2025.

Annual statewide total P loads from point sources have been reduced by 24% from the 2011 baseline.

REDUCTION STRATEGY

Point Source 24%Reduced

Total Phosphorus - Point Source



Urban Stormwater 97% of MS4s

Municipal Separate Storm Sewer System (MS4) communities report on urban stormwater practices and activities.

97% of MS4s engage in community outreach, including on stormwater BMPs.



Thank you!





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