

Agriculture Water Quality Partnership Forum 2023

Wednesday, March 1, 10:00AM –NOON CST

IN-PERSON ATTENDEE

1. Desk mics are located around the room and are ON.
2. If you join from your laptop while in-person, mute your Webex mic AND speaker to avoid feedback. When you speak, only use your desk mic.
3. Cameras are located in the front and back of the room.

VIRTUAL ATTENDEE

1. Take a moment to familiarize yourself with the meeting controls and layout.
2. The gallery view of participants will be displayed on the front wall of the auditorium.



Webex call

Meeting Number: 2453 173 0947

Meeting Code: CRyZe2rXa33

IDOA internet

Network: guestnet

Password: giantslide22



ILLINOIS
NUTRIENT LOSS
REDUCTION STRATEGY

Agriculture Water Quality Partnership Forum

Wednesday, March 1, 2023

Starts at 10:00 am



ILLINOIS
NUTRIENT LOSS
REDUCTION STRATEGY

Roles:

Moderator: *Joan Cox, Illinois Extension*

Chat Monitor: *Layne Knoche and Rachel Curry, Illinois Extension*

Technology Assistance: *Layne Knoche, Illinois Extension*

Meeting Minutes: *Amanda Christenson, Illinois Extension*

Set-up & Facility Support: *Heather Wilkins & Allie Lashmett, IDOA*

Online support: *Eliana Brown and Nicole Haverback, Illinois Extension*



ILLINOIS
NUTRIENT LOSS
REDUCTION STRATEGY

Attendance

In person attendance: If you haven't already done so, sign in at the Welcome Table during the break.

Virtual attendance: Type your name and affiliation in the Webex chat box.



Agenda

10:00 (10 min.)	Welcome <i>Joan Cox, Illinois Extension</i> Introducing Amanda Christenson, Extension NLRs Outreach Associate Introducing Emily Steele, Media Communications Coordinator
10:10 (10 min.)	BLWR and Division of Natural Resources Updates <i>Michael Woods & Brian Rennecker, IDOA</i> Q & A
10:20 (15 min.)	Tillage Metrics Update <i>Elliot Lagacy, Illinois Department of Agriculture</i> Q & A
10:35 (15 min.)	USDA NRCS Database & Conservation Practice Nutrient Reductions <i>Trevor Sample, IEPA</i> Q & A
10:50 (15 min.)	Biennial Report Update <i>Joan Cox, Illinois Extension</i> Q & A
11:05	10-minute Break
11:15 (30 min.)	Partner Updates Q & A
11:45 (15 min.)	Open Discussion Q & A

Amanda Christenson

NLRS Outreach Associate

Nutrient Loss Reduction Strategy Team
Natural Resources, Environment, and Energy Team

University of Illinois Extension

University of Illinois at Urbana-Champaign

276 National Soybean Research Center

1101 W. Peabody Dr. Urbana, IL 61801

(217) 244-7298 | achriste@illinois.edu



ILLINOIS
NUTRIENT LOSS
REDUCTION STRATEGY

Emily Steele

Media Communications Coordinator

University of Illinois Extension
Nutrient Loss Reduction Strategy Team
Agriculture & Agri-Business Team
Natural Resources, Environment, & Energy Team
University of Illinois at Urbana-Champaign
548A Bevier Hall MC 184
905 S. Goodwin Ave, Urbana, IL 61801
(217) 265-9231 | eastele@illinois.edu



ILLINOIS
NUTRIENT LOSS
REDUCTION STRATEGY

BLWR and Division of Natural Resources Updates

*Michael Woods & Brian Rennecker
Illinois Department of Agriculture*



ILLINOIS
NUTRIENT LOSS
REDUCTION STRATEGY

IDOA/NRCS Capacity Building Initiative Conservation Planner Overview							
Illinois NRCS Area	USDA Service Center City	County	Conservation Planner	In process	College	Major	Degree
1	Elizabeth	JoDaviess	Alexis Zimmerlein		Southern Illinois University	Farm Beginnings Program	Certificate
					Columbia College Chicago	Film/Video	B.A.
						Environmental Science	Minor
	Elizabeth	JoDaviess	Derek Welveart		Southern Illinois University	Communications	B.A.
	Woodstock	McHenry	Aidan Woltman		Illinois State University	General Biology with Environmental Studies minor	B.A.
	Amboy	Lee	Madeline Kammerer		University of Wis- Parkside	Environmental Studies	
	Belvidere	Boone	Heather Harding		Strayer College	Transfer	
					Kishwaukee College,	Horticulture	Current
	St Charles	Kane	Tom Koebel		Eastern Illinois University	Business Marketing	B.S.
					Anna Maria College	Public Administration	M.S.
	Henry	Marshall	Aaron Fishburn		University of Illinois	Fish Wildlife & Conservation Biology	B.S.
					Lincoln Land CC	Ag Transfer	A.A.
	Morris	Grundy	Michael King		Olivet Nazarene University	Zoology	B.S.
New Lenox	Will	Wyatt Dozier	University of Illinois	Ag Leadership Education	B.S.		
Milan	Rock Island	Leticia Taliafero	Iowa Central CC	Applied Science	A.A.S.		
Rockford	Winnebago	Hulda Stebbins	Kishwaukee College	Horticulture	A.S.		
2	Springfield	Sangamon	Andrew Philips		Illinois College	Agribusiness Management	B.A.
						Marketing	B.A.
	Lincoln	Logan	Jeremy Beard		Illinois College	Art	B.A.
	Virginia	Cass	Harrison Chumley		Illinois College	Agribusiness Management	B.A.
	Pittsfield	Pike					
	Hardin	Calhoun	Michael Heitzig		Blackburn College	Environmental Biology	B.S.
	Hillsboro	Montgomery	Chris Emerson		Lincoln Land CC	Trades (Welding)	A.A.S.
	Galesburg	Knox					
Winchester	Scott	Courtney Lercher	Illinois College	Agribusiness Management	Current, B.A.		
Quincy	Adams	Andrew Parks	John Wood CC	Conservation Management Certificate Program	Current		

Illinois NRCS Area	USDA Service Center City	County	Conservation Planner	In process	College	Major	Degree
3	Danville	Vermilion		Candidate Pending (Position Offered)	Geoff Lawton's Permaculture Design Small Farms University	Urban Ag	N/A
	Pontiac	Livingston					
	Normal	McLean	William Haubner		Lindenwood University	Business Administration	B.S.
	Watseka	Iroquois					
	Paxton	Ford					
	Shelbyville	Shelby					
	Vandalia	Fayette	Morgan Cauble		University of Illinois	Agriculture and Consumer Economics	B.S.
	Decatur	Macon	Nicholas Werries		University of IL: Springfield	Criminology/ Criminal Justice	B.A.
					University of IL: Springfield	Environmental Sciences	B.S.
	Monticello	Piatt	Karla Griesbaum		University of Illinois	Natural Resources & Environmental Studies	B.S.
					University of Illinois	Integrative Biology	M.S.
	Paris	Edgar					
	Sullivan	Moultrie					
	Martinsville	Clark					
Robinson	Crawford						
4	Louisville	Clay					
	Sparta	Randolph	Ian Gerfen		Illinois College	Environmental Studies/Wildlife	Current
	Greenville	Bond					
	Ridgway	Gallatin					
	Waterloo	Monroe					
	Fairfield	Wayne	Bryce Mitchell		Southern Illinois University	Animal Science	B.S.
					Olney Central College	Transfer	A.A.S.
	Murphysboro	Jackson			Southern Illinois University	Forestry	B.S.
Anna	Union	Caitlin Allen		Southeast Missouri State	Biology, Wildlife/Conservation	B.S.	

Tillage Metrics Update

Elliot Lagacy

Illinois Department of Agriculture

[OpTIS Tillage :: Conservation Technology
Information Center \(ctic.org\)](#)



ILLINOIS
NUTRIENT LOSS
REDUCTION STRATEGY

Tillage Metrics Update

Elliot Lagacy

Illinois Department of Agriculture

[OpTIS Winter Cover :: Conservation
Technology Information Center \(ctic.org\)](#)



ILLINOIS
NUTRIENT LOSS
REDUCTION STRATEGY

NRCS Conservation Practice Nutrient and Sediment Reduction Estimates

Trevor Sample
Illinois Environmental Protection Agency



ILLINOIS
NUTRIENT LOSS
REDUCTION STRATEGY

USDA Natural Resources Conservation Mississippi River Basin Initiative and National Water Quality Initiative Scorecards

- January Hypoxia Task Force Coordinating Committee virtual meeting
 - NRCS presented information on MRBI and NWQI scorecards for FY 2021
 - Includes Outcomes and Impacts from the conservation practices implemented through these programs
 - Includes state funding levels and national nutrient and sediment loss reductions



Mississippi River Basin Healthy Watersheds

FY2021 Progress Report

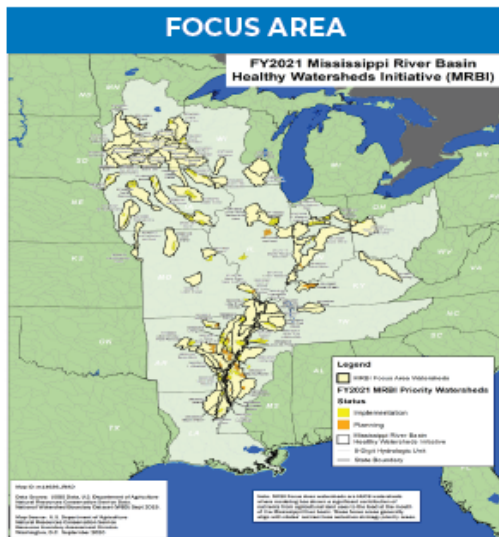
Known as "America's River," the Mississippi River flows over 2,300 miles through America's heartland to the Gulf of Mexico. The basin not only provides drinking water, food, industry, and recreation for millions of people, it also hosts a globally significant migratory flyway and home for over 325 bird species.

This vital river's elevated levels of nutrients and sediment can impact the quality of life for the tens of millions of people who live in and rely on the Mississippi River Basin. NRCS works with farmers and conservation partners to implement conservation practices in small watersheds that help trap sediment and reduce runoff of nutrients to improve local water bodies. Collectively, local watershed efforts contribute to improvement in the overall health of the Mississippi River. The Mississippi River Basin Healthy Watersheds Initiative (MRBI) is one of many efforts that support the goals of the Hypoxia Task Force action plan to reduce nutrient loads to the Gulf of Mexico.

NRCS and the Mississippi River Basin Healthy Watersheds Initiative

Launched in 2009, the 12-state MRBI uses several Farm Bill programs, including the Environmental Quality Incentives Program (EQIP) and the Conservation Stewardship Program (CSP), to help landowners sustain America's natural resources through voluntary conservation. The primary goal of MRBI is to improve water quality while ensuring economic viability of agricultural lands. Additional benefits include restoration of wetlands and wildlife habitat enhancement.

States within the Mississippi River Basin have developed nutrient reduction strategies to minimize the contributions of nitrogen and phosphorus to surface waters within the basin, and ultimately to the Gulf of Mexico. MRBI uses a small watershed approach to support the states' reduction strategies. Avoiding, controlling and trapping practices are implemented to reduce the amount of nutrients flowing from agricultural land into waterways and to improve the resiliency of working lands.



Outcomes and Impacts

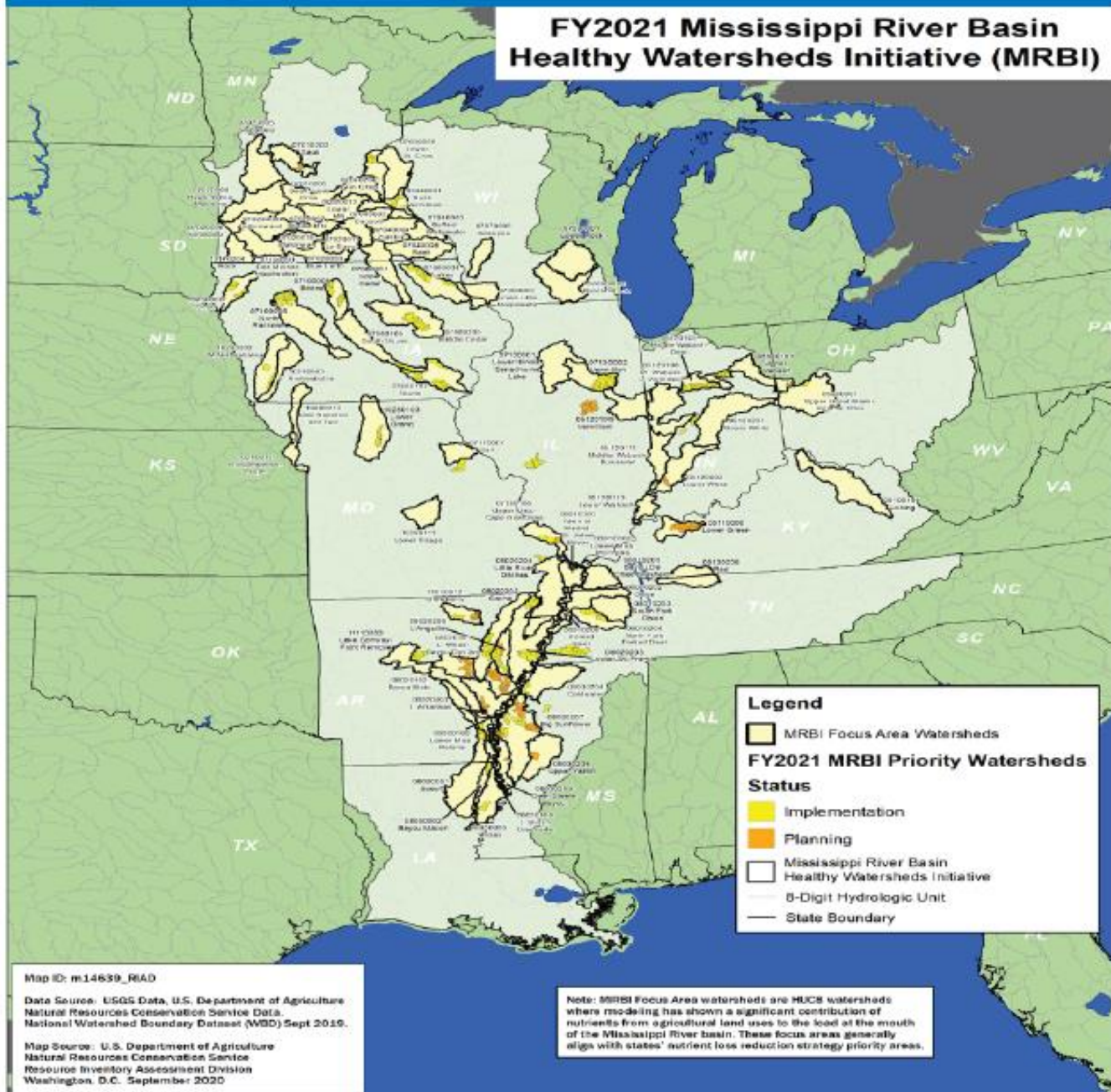
MRBI has shown that focused water quality efforts in high priority areas can be effective in building strong partnerships, increasing trust and collaboration with landowners and farmers, and getting more conservation systems on the ground.

From 2010 to 2021, over \$402 million was obligated for MRBI project contracts through EQIP, providing treatment on over 1.72 million acres. These targeted investments have increased the adoption of critical water quality conservation practices, such as cover crops, no-till, residue management, grassed waterways and nutrient management by over 30% (based on practice obligations) compared to Focus Area watersheds with general EQIP alone.

To date, segments of the Cache River and St. Francis River in Arkansas, and Flowers Creek in Indiana, have had measured water quality improvement and now meet water quality standards, so they have been scheduled for delisting from the states' impaired waters list.

FOCUS AREA

FY2021 Mississippi River Basin Healthy Watersheds Initiative (MRBI)



Map ID: m14639_READ

Data Source: USGS Data, U.S. Department of Agriculture Natural Resources Conservation Service DATA National Watershed Boundary Dataset (NWD) Sept 2019.

Map Source: U.S. Department of Agriculture Natural Resources Conservation Service Resource Inventory Assessment Division Washington, D.C. September 2020

Note: MRBI Focus Area watersheds are HUC8 watersheds where modeling has shown a significant contribution of nutrients from agricultural land uses to the load at the mouth of the Mississippi River basin. These focus areas generally align with states' nutrient loss reduction strategy priority areas.

Cover crops help improve soil health, reduced sediment runoff and enhance water quality.



Fiscal Year 2021 Mississippi River Basin Healthy Watersheds Initiative NRCS Financial Assistance (EQIP FA) for Active and Completed Contracts

State	Acres	NRCS Investment	Contracts
Arkansas	24,568	\$9,432,227	141
Illinois	2,685	\$697,901	13
Indiana	4,747	\$1,489,725	21
Iowa	16,982	\$4,771,641	108
Louisiana	5,590	\$950,691	7
Minnesota	268	\$6,441	3
Mississippi	28,349	\$12,771,934	195
Missouri	2,644	\$1,142,410	21
Ohio	310	\$21,070	3
Tennessee	7,286	\$1,966,611	62
Wisconsin	3,746	\$564,710	11
Total	97,174	\$33,815,363	585

Data source: FPAC Economics and Policy Analysis Division, January 2022

NRCS Goals

NRCS developed edge-of-field pollutant reduction goals for MRBI to show progress in supporting the states' nutrient reduction strategies. Original goals were established for reductions to be achieved by FY2018, and these were met or exceeded in FY2018. NRCS developed new milestones to include expected reductions by FY2023. These reductions are the result of all NRCS conservation investments on cropland across all MRBI priority watersheds.

Focus on Critical Source Areas

Through watershed assessment, critical areas for treatment are identified using a variety of tools and approaches, and practice implementation within critical areas is being tracked at the project level. One tool that can help identify critical source areas is the Conservation Effects Assessment Projects (CEAP) Soil Vulnerability Index (SVI). It identifies soils most vulnerable to runoff loss of sediment and nutrients on cropland. Tracking conservation implementation on these vulnerable acres is one way to estimate progress towards meeting water quality objectives nationally. The NRCS Resource Inventory and Assessment Division provides annual reports on treatment on SVI acres for all MRBI watersheds (HUC12).

High SVI Acres Treated Across all MRBI Watersheds as a Percent of All Treated Acres (Since FY2005)

Treating Acres for Surface Loss



Overall Summary FY 2012-21

Total NRCS Investment	\$402,436,197
Number of Contracts	9,720
Total Acres Contracted	1,729,626

2023 Milestones: ■ FY 2012-18 ■ FY 2019-21

Reduce Sediment Loss Achieved: 2,460,478 tons Milestone: 2,410,200 tons



Reduce Phosphorous Loss Achieved: 5,546,378 lbs Milestone: 4,849,300 lbs



Reduce Nitrogen Loss Achieved: 20,200,146 lbs Milestone: 18,596,100 lbs



Fiscal Year 2021 Mississippi River Basin Healthy Watersheds Initiative NRCS Financial Assistance (EQIP FA) for Active and Completed Contracts

State	Acres	NRCS Investment	Contracts
Arkansas	24,568	\$9,432,227	141
Illinois	2,685	\$697,901	13
Indiana	4,747	\$1,489,725	21
Iowa	16,982	\$4,771,641	108
Louisiana	5,590	\$950,691	7
Minnesota	268	\$6,441	3
Mississippi	28,349	\$12,771,934	195
Missouri	2,644	\$1,142,410	21
Ohio	310	\$21,070	3
Tennessee	7,286	\$1,966,611	62
Wisconsin	3,746	\$564,710	11
Total	97,174	\$33,815,363	585

Data source: FPAC Economics and Policy Analysis Division, January 2022



ILLINOIS
NUTRIENT LOSS
REDUCTION STRATEGY

MRBI Basin-wide Scorecard

Overall Summary FY 2012–21

Total NRCS Investment\$402,436,197

Number of Contracts.....9,720

Total Acres Contracted1,729,626

2023 Milestones: ■ FY 2012–18 ■ FY 2019–21

Reduce Sediment Loss Achieved: 2,460,478 tons
Milestone: 2,410,200 tons



Reduce Phosphorous Loss Achieved: 5,546,378 lbs
Milestone: 4,849,300 lbs



Reduce Nitrogen Loss Achieved: 20,200,146 lbs
Milestone: 18,596,100 lbs



National Water Quality Initiative

FY2021 Progress Report



Farmers, ranchers, and forest landowners recognize water as our Nation's most precious resource. Every day, new producers are stepping up to work hand-in-hand with the Natural Resources Conservation Service (NRCS) to plan and apply practices that improve water quality and strengthen agricultural operations.

The **National Water Quality Initiative (NWQI)**, now in its tenth year, is a partnership among NRCS, state water quality agencies and the U.S. Environmental Protection Agency to improve and protect water quality through voluntary conservation. NRCS provides targeted funding for financial and technical assistance in small watersheds most in need and where farmers can use conservation practices to make a difference.

Conservation systems include practices that promote soil health, reduce erosion and lessen nutrient runoff, such as filter strips, cover crops, reduced tillage and manure management. These practices not only benefit natural resources but enhance agricultural productivity and profitability by improving soil health and optimizing the use of agricultural inputs.

State water quality agencies and other partners contribute additional resources for watershed planning, implementation and outreach. They also provide resources for monitoring efforts that help track water quality improvements over time.

Based on the success of the FY2017 pilot project, NRCS now has a "planning" phase to assist states with watershed-level assessment, on-farm planning, and outreach prior to receiving financial assistance for implementation. Technical assistance dollars can be used to support producer workshops, analyze water quality data, conduct GIS analyses, perform stream surveys, aid local coordinators and expand one-on-one planning and outreach with landowners.

In FY2019, NRCS expanded NWQI to include source water protection as a purpose for the initiative. NWQI priority areas for source water protection may include surface and groundwater sources of drinking water. These efforts are

designed to identify and address potential threats to clean drinking water from agricultural activities.



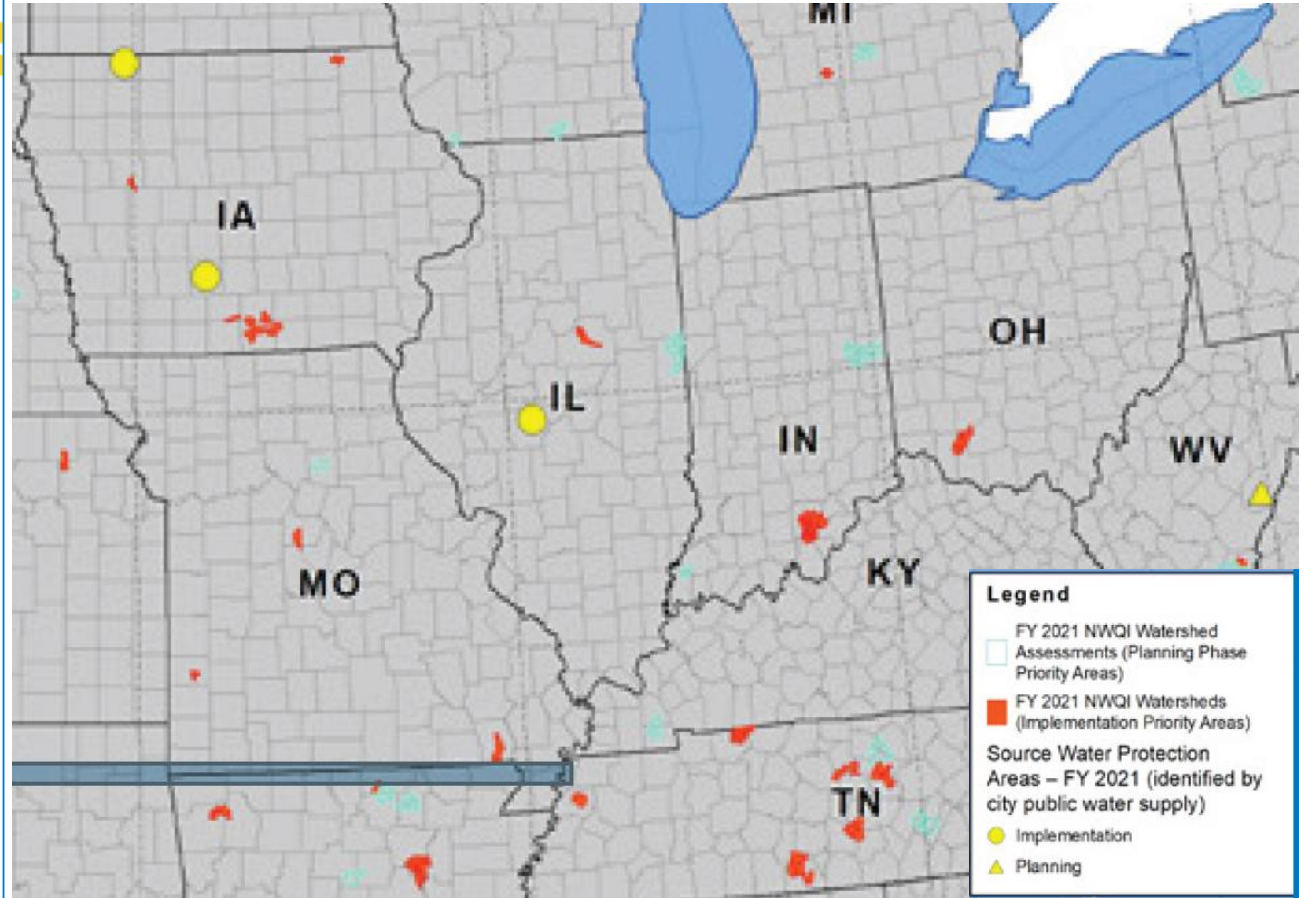
Outcomes and Impacts

As USDA's premiere water quality initiative, NWQI provides a way to accelerate voluntary, on-farm conservation investments and focused water quality monitoring and assessment resources where they can deliver the greatest benefits for clean water.

NWQI has led to a four-fold increase in the acres treated with water quality practices in targeted watersheds. Average annual funding for conservation and the number of producers assisted in these watersheds has roughly doubled.

Since 2012, NRCS has worked with more than 5,600 producers to adopt conservation practices on more than 1,190,000 acres in priority watersheds through NWQI.

As of FY2021, at least 16 impaired water bodies have been improved and subsequently scheduled for de-listing or otherwise removed from NWQI due to successful water quality improvements.





Fiscal Year 2021 National Water Quality Initiative NRCS Financial Assistance (EQIP FA) for Active and Completed Contracts			
Region	Acres	NRCS Investment	Contracts
Central	52,956	\$7,487,308	179
Northeast	8,760	\$4,554,161	56
Southeast	30,098	\$12,443,882	231
West	3,354	\$3,853,882	34
Total	95,168	\$28,339,233	500

Data source: FPAC Economics and Policy Analysis Division, January 2021

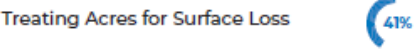
NRCS Goals

NRCS developed edge-of-field pollutant reduction goals for NWQI to show progress in achieving water quality improvements in these small watersheds. Original goals were based on reductions achieved through FY2018, and were met or exceeded in FY2018. In FY2019 those milestones were expanded to include expected reductions by FY2023. NWQI aims to reduce sediment loss from cropland by 1.38 million tons, phosphorous loss by 3.3 million pounds and nitrogen loss by 16.8 million pounds. NRCS is quickly closing the gap to meet these milestones by FY2023. These reductions will help to address water quality impairments or concerns identified in each watershed and contribute to restoring their beneficial use and ecological function. In FY2020 NWQI exceeded the milestone for contributing to the de-listing of up to 16 stream segments from the U.S. Environmental Protection Agency list of impaired streams by 2023.

Focus on Critical Source Areas

Through watershed assessment, critical areas for treatment are identified using a variety of tools and approaches, and practice implementation within critical areas is being tracked at the project level. One tool that can help identify critical source areas is the Conservation Effects Assessment Project (CEAP) Soil Vulnerability Index (SVI). It identifies soils most vulnerable to runoff loss of sediment and nutrients on cropland. Tracking conservation implementation on these vulnerable acres is one way to estimate progress towards meeting water quality objectives nationally. The NRCS Resource Inventory and Assessment Division provides annual reports on treatment on SVI acres for all NWQI watersheds (HUC12).

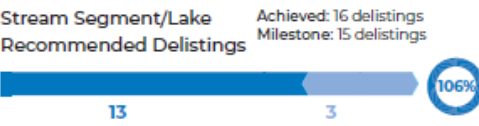
High SVI Acres Treated Across NWQI Watersheds as a Percent of All Treated Acres (Since FY2005)



Overall Summary FY 2012-21

Total NRCS Investment	\$272,908,239
Number of Contracts	5,690
Total Acres Contracted	1,190,506

2023 Milestones: ■ FY 2012-18 ■ FY 2019-21



Fiscal Year 2021 National Water Quality Initiative NRCS Financial Assistance (EQIP FA) for Active and Completed Contracts			
Region	Acres	NRCS Investment	Contracts
Central	52,956	\$7,487,308	179
Northeast	8,760	\$4,554,161	56
Southeast	30,098	\$12,443,882	231
West	3,354	\$3,853,882	34
Total	95,168	\$28,339,233	500

Data source: FPAC Economics and Policy Analysis Division, January 2021



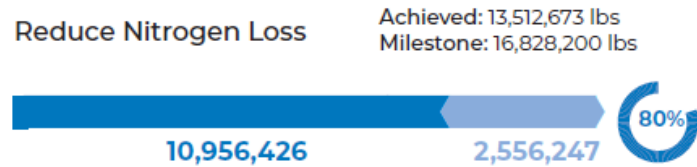
ILLINOIS
NUTRIENT LOSS
REDUCTION STRATEGY

NWQI Nationwide Scorecard

Overall Summary FY 2012–21

Total NRCS Investment\$272,908,239
Number of Contracts5,690
Total Acres Contracted1,190,506

2023 Milestones: ■ FY 2012–18 ■ FY 2019–21



Data Use and Availability for NLRs Reporting

- Staff at NRCS headquarters indicated that nutrient and sediment loss reduction data is available by HUC 12
- Data is not ready to be released publicly
- Once the data is publicly available, we can include this in our Biennial Reports, although it may not be available in time for the 2023 report.
- This data could also be combined with state cost-share program nutrient and sediment loss reduction data for a fuller picture of edge-of-field reductions from conservation practices.
- Could also be beneficial to other Hypoxia Task Force states as well.



Thank you



ILLINOIS
NUTRIENT LOSS
REDUCTION STRATEGY

Biennial Report Status

Agricultural Water Quality Partnership Forum Meeting

March 1, 2023

Joan Cox, University of Illinois Extension



ILLINOIS
NUTRIENT LOSS
REDUCTION STRATEGY

Chapter 4: Agricultural Sector

Implementation Report

Resource Measures

Staff Resources

Funding Resources

Outreach Measures

Outreach Activities

Land and Facilities Measures

US Department of Agriculture

Farm Service Agency

Conservation Reserve Program (CRP)

Cover Crops

Natural Resources Conservation Service

Environmental Quality Incentive Program (EQIP)

Conservation Stewardship Program (CSP)

Agriculture Conservation Easement Program (includes WREP)

Mississippi River Basin Healthy Watersheds Initiative

National Water Quality Initiative

Regional Conservation Partnership Program

Upper Macoupin Creek Watershed Partnership

Illinois Headwaters Conservation Partnership

Otter Lake Source Water Protection

MRB-Big Bend Enhancing Water-Soil-Habitat Quality Project

Driftless Area Habitat for the Wild & Rare Phase 2

Working Lands, Water, and Wildlife Partnership



ILLINOIS
NUTRIENT LOSS
REDUCTION STRATEGY

Chapter 4: Agricultural Sector (cont.)

US Department of Agriculture (con't)

National Agricultural Statistics Service

Illinois NLRs Survey

Nitrogen Management

Nitrification Inhibitors

Fertilizer Application Strategies

Phosphorus Management

Cover Crops

Tiled Acres

General Knowledge

Illinois Fertilizer & Chemical Association

4R Metrics Survey

CropGrower

Identification of Agricultural In-field Buffers using Satellite Imagery

Illinois Department of Natural Resources

Conservation Reserve Enhancement Program (CREP)

Building Soil Health on Agricultural Leases

Contaminant Assessment Section Restoration

Illinois Department of Agriculture (*program list tentative*)

Partners for Conservation Program

Illinois Soil Conservation Transect Survey or OpTis

Streambank Stabilization and Restoration Program

Fall Covers for Spring Savings

Gulf Hypoxia Funds for cover crop acreage (40K acres) & NO3 testing

IDOA Conservation Planners

Illinois Environmental Protection Agency

Section 319 Non-Point Source Program

University of Illinois

Woodchip Bioreactors

Illinois Extension Watershed Outreach Associates



ILLINOIS
NUTRIENT LOSS
REDUCTION STRATEGY

Chapter 4: Agricultural Sector (cont.)

Current Programs and Projects Supporting Nutrient Loss Reduction Goals

Non-Governmental Organization Programs and Projects (*program list tentative*)

Program Project names and 2-3 sentence summaries which include a list of partners (if applicable). Up to 3 pages for each partner in the Partner Updates Appendix.



Chapter 4: Agricultural Sector (cont.)

Metric Collection

Future Strategic Actions

Agricultural Water Quality Partnership Forum

IDOA's Regional Conservation Partnership Program

Climate-Smart Partnership

Kankakee-Iroquois Bi-State Partnership

Ducks Unlimited Partnership



Chapter 8: Adaptive Management & Measuring Progress

Water Quality Goals

Reporting challenges

Agricultural Implementation Progress

Point Source Implementation Progress

Watershed-Based Plans

Looking Ahead (*list tentative*)

Future Strategy Considerations

Potential Future Resource Needs

Partners for Conservation

Soil and Water Conservation Districts

Wastewater Treatment Facility Upgrades

Stormwater Practice Adoption

Water Quality Monitoring

U.S. Geological Survey

Illinois EPA

Illinois NLRS Meetings and Reporting



Chapter 8: Adaptive Management & Measuring Progress

Agricultural Implementation Progress

NASS MRTN

NASS Tiled vs Non-tiled designation for cover crops, N-inhibitors, and nutrient management

CropGrower Buffers

IDOA's Illinois Soil Conservation Transect Survey or OpTis for tillage metrics



Chapter 8: Adaptive Management & Measuring Progress

Water Quality Goals

Reporting challenges

Agricultural Implementation Progress

Point Source Implementation Progress

Watershed-Based Plans

Looking Ahead (*list tentative*)

Future Strategy Considerations

Potential Future Resource Needs

Partners for Conservation

Soil and Water Conservation Districts

Wastewater Treatment Facility Upgrades

Stormwater Practice Adoption

Water Quality Monitoring

U.S. Geological Survey

Illinois EPA

Illinois NLRS Meetings and Reporting



Draft Reviews - CH 4 Agriculture sections

USDA – FSA:	review done
USDA – NRCS:	waiting on production team
USDA – NASS:	review done
IFCA:	review in progress
CropGrower:	review done
IDNR:	waiting on production team
IDOA:	review in progress
IEPA:	
U of I:	



Draft Review

Policy Working Group:

Thank you for submitting the requested information for the Biennial Report. Below are links to the chapter drafts.

INSTRUCTIONS: We ask that you review the areas that are applicable to your sector -- especially the sections that you contributed.

You'll find two versions: word doc and pdf. You may use either one. For the word doc, please track your changes so we can see them. Otherwise, we may not be able to capture your suggestions. A lower tech alternative is to print out the pdf, make handwritten comments, and scan it. You'll have 2 weeks for review. RETURN IT BY _____.

Chapters 1 and 2 (Executive Summary and Introduction) will be written post-feedback

Chapter 3: Science Assessment Update - [Here](#).

Chapter 4: Agricultural Sector - [Here](#).

Chapter 5: Point Source Sector - [Here](#).

Chapter 6: Stormwater Sector - [Here](#).

Chapter 7: Working Group Accomplishments - [Here](#).

Chapter 8: Adaptive Management - [Here](#).



Timeline

Draft Reviews	Due Date
CH 3, 4, 5, 7, 8 first draft due to PWG	June 8
Comments due back to Extension	June 21
Final edits before design	July 6
CH 6 first draft due to USWG	July 13
Comments due back to Extension	July 19
Final edits before design	July 21
CH 1 and 2 first drafts to Steering	July 24
Final edits before design	August 7
Design	
Text and photos (and alt-text) to graphic designer	July 6 – Aug. 7
Design work	Sept. 25
Final Stretch	
Notify directors of incoming draft report	Oct. 2
Notify print shop of incoming printing job	Oct. 12
Copy editing and final changes	Oct. 19
Hand to Directors	Oct. 19
Directors hand in review	Oct. 27
Online version with Appendices completed	Nov. 20
Due to printer	Dec. 1
Print version copies available	Dec. 6



Questions?



Joan Cox, Illinois Extension
jesarey@Illinois.edu



ILLINOIS
NUTRIENT LOSS
REDUCTION STRATEGY

10-minute Break

Virtual attendance: Type your name and affiliation in the Webex chat box.

In person attendance: If you haven't already done so, sign in at the Welcome Table during the break.



Partner Updates

Q & A



ILLINOIS
NUTRIENT LOSS
REDUCTION STRATEGY

Open Discussion

Q & A



ILLINOIS
NUTRIENT LOSS
REDUCTION STRATEGY

Thank you



ILLINOIS
NUTRIENT LOSS
REDUCTION STRATEGY