

Collaborating with Agricultural Stakeholders on Nutrient Reduction

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Agricultural Nutrient Policy Council

- ▶ Formed in 2010
- ▶ 50+ State and National Ag Trade Associations and Agri-Businesses
- ▶ Help agriculture engage quickly in policies and programming regarding CWA nutrient/water quality and Farm Bill Conservation Title issues
- ▶ Early issues -- Chesapeake Bay TMDL, Florida NNC, State NLRs Framework Memo

Agricultural Nutrient Policy Council

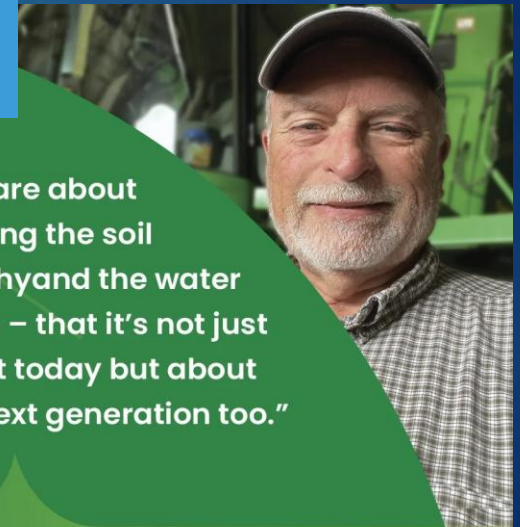
- ▶ Help foster discussions and partnerships for nutrient solutions
- ▶ Serve as a point of contact for federal and state agencies looking for meaningful engagement with state ag groups and businesses
- ▶ Focus on helping state ag groups and businesses be successful as they continue to focus on implementing state nutrient loss reduction strategies
- ▶ Regularly collaborate with EPA, NRCS, researchers, engineering firms, NACWA, UMRBA, etc.

Recent Work

- Communications Campaign
- Research Priorities
- Fall 2024 Phosphorus Science and Emerging Research Workshop
- December 2024 Compilation Report Update
- August 2025 Report Regarding Herbicides and Ag Conservation/Environment

Communications Campaign

- Largely funded by United Soybean Board
- Focused on the Mississippi River Basin states – One Basin with Many Solutions
 - Long form posts on our website
 - Linked In, Facebook, Instagram
 - Data and now people-centric
 - Member resource kit
 - Earned media
 - Coordinating with SERA-46



"We care about keeping the soil healthy and the water clean – that it's not just about today but about the next generation too."



ANPC Research Priorities

- ▶ Goal to share our priorities for research needs relating to advancing and measuring nutrient loss reduction
- ▶ Seeking engagement with agencies and organizations to identify mutual research priorities and interests and build collaborative efforts upon those
- ▶ Guiding principles to identify and facilitate research on practices that are:
 - ▶ Cost-effective
 - ▶ Easily integrated
 - ▶ Highly scalable
 - ▶ Impactful

ANPC Research Priorities

- ▶ Conservation Practices Research Priorities Examples:
 - ▶ New and emerging technology development
 - ▶ Opportunities for retrofitting technologies to enhance nutrient reduction
 - ▶ Quantifying co-benefits and/or trade-offs for other resource concerns
 - ▶ Weather impact on practice effectiveness, design, cost

ANPC Research Priorities

- ▶ Progress Tracking and Quantification Priorities Examples:
 - ▶ Best practices for assessing water quality trendline data
 - ▶ Approaches for science-based estimates of nutrient loss reduction
 - ▶ Quantification of nutrient loads from natural sources

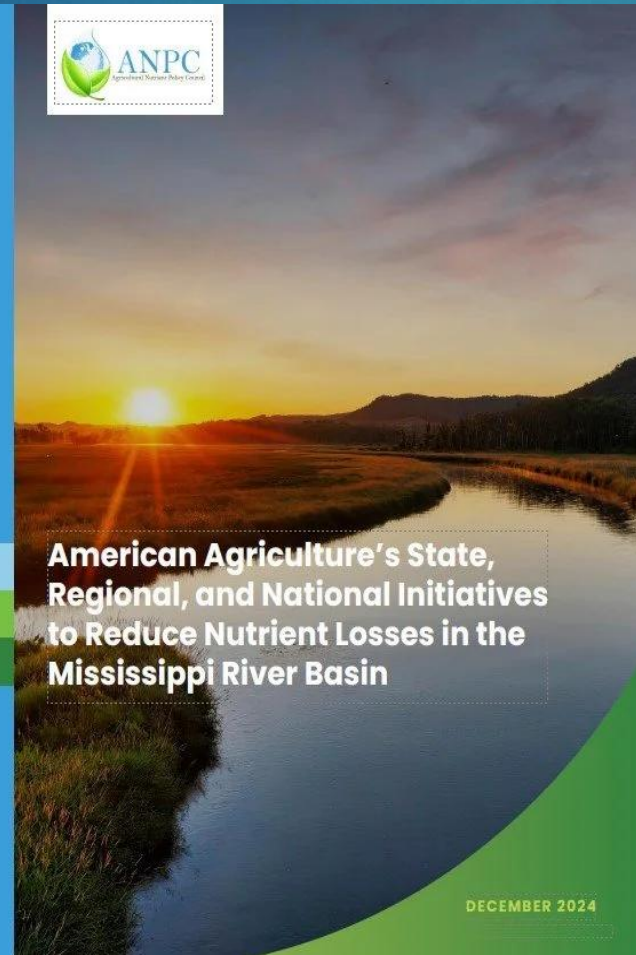
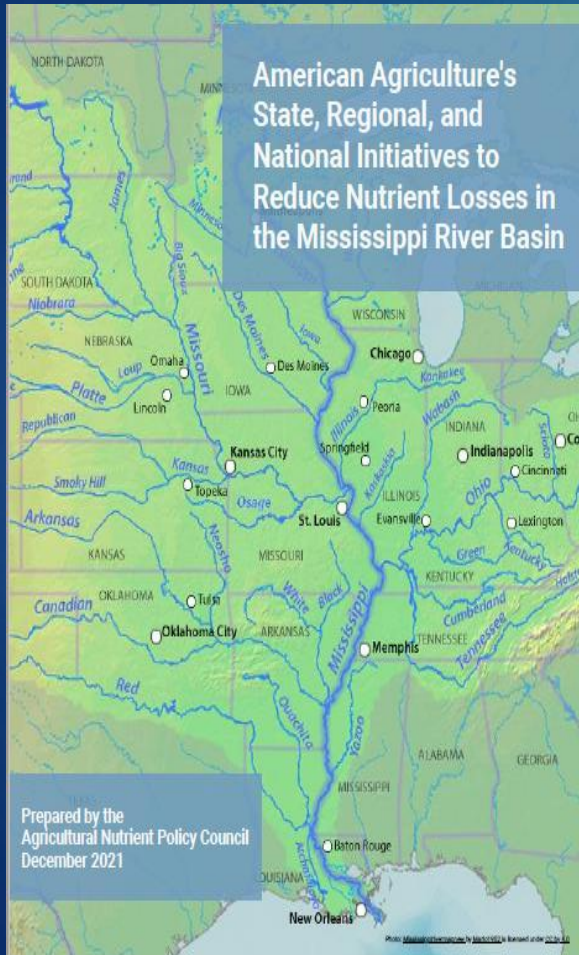
Fall 2024 Phosphorus Science Workshop

- ▶ Hosted by ANPC at Reservoir Center for Water Solutions in D.C. on October 1st, 2024
- ▶ Focused on current and emerging P science and load trendlines
- ▶ Targeted for collaboration amongst scientific community, state and agricultural leaders, and federal agency staff
- ▶ Explored the conundrum of a lack of declining P load trends despite numerous significant gains in reducing P loads to streams by both point and non-point sources
- ▶ Covered science across Mississippi River Basin, Great Lakes region, and eastern agricultural areas
- ▶ Goal to gain a better understanding of dynamic processes that have the potential to affect and obscure progress being made, and help identify solutions to address issue

Plans Underway for 2025 Phosphorus Workshop

- ▶ ANPC Hosting Workshop December 3, 2025 in Washington, DC
- ▶ The day following the HTF Meeting on December 2
- ▶ Researcher focus groups underway now
- ▶ Focus on: Phosphorus lag time, legacy P, and streambank erosion to help states and stakeholders synthesize current state of the science
- ▶ Save the date!

December 2024 Compilation Report Update



- ▶ Highlight efforts of farmers across MRB to implement nutrient reduction strategies
- ▶ First report – December 2021
- ▶ Update report – December 2024

August 2025 Herbicide Report Released

- ▶ Earlier this month, released **“A Review of the Role Played by Herbicides in the Success of Agriculture’s Foundational Conservation and Environmental Objectives”**
- ▶ Paper prepared for ANPC by Tom Herbert (Former ANPC Advisor) and Dr. Sharon Clay (Distinguished Professor Emerita at South Dakota State University) with contributions from Larry Elworth and Dr. Lori Duncan.
- ▶ Provides a comprehensive understanding of the interrelationship between herbicides, conservation practices, and environmental outcomes
- ▶ Report seeks to inform policymakers and the public about the critical role of herbicides in achieving national environmental objectives

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