Systems Approach to Nutrients: Avoiding, Controlling, Trapping (ACT)

Avoiding
- Nutrient management
  - Rate, Timing, Form, Method

Controlling
- Residue and tillage management
- Drainage water management

Trapping
- Buffers
- Wetlands designed for nutrient removal
Focus of Conservation Planning = Conservation Systems

At its core, the focus of conservation planning is on increasing voluntary adoption of:

- Right conservation systems
- Right position on landscape
- Right amount
- Right timing and sequencing of practice/system implementation (progressive implementation)

“Practices to reduce nitrogen and phosphorus are very different due to different transport pathways.”
—Dr. Jane Frankenberger, Purdue University