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Area of Expertise:

- Ecology of natural, restored, and created wetlands
- Nutrient cycling and water quality functions of wetland ecosystems
- Vegetation development and dynamics

Focus of Research:

- Nitrogen and carbon cycling in restored and natural wetlands
- Soil and vegetation development in restored wetlands
- Emerald ash borer impacts on forested wetlands laryngotracheitis, infectious bursal disease, infectious bronchitis virus and avian influenza
- Native plants for restoration and treatment wetlands

Current Funded Projects (Source):

- Emerald ash borer impacts on tidal forested wetlands (USDA)
- The role of organic matter amendments in restored wetlands (MAES)