

Group Projects from the 2021 Academy

Academy participants work together to develop a project that contributes to the watershed community in Indiana. These projects have the potential to be used by others and advance watershed management in Indiana.

Note: These projects were created by the participants, and are not a product of Purdue University. For more information, please contact the authors listed.

Group 1: Green Grass, Sparkling Water

Jennifer Biancalana and Tracy Hughes -

We created a pamphlet focused on educating waterfront homeowners on best practices for property management. Our pamphlet targets homeowners that live on waterbodies and directly impact the health of their local water body to empower them to keep our waterways clean and healthy.

Pamphlet under development

Group 2: Guide to Hosting Hybrid Meetings and Workshops

Callie Cleveland, Katie Fagan, James Wolff -

We developed a guidebook with details on options for hosting virtual events. The materials target virtual participant engagement and facilitation techniques.

[Presentation](#) [Guide](#) [Cluster Video](#) [Mind Map Video](#)

Group 3: Caring about Conservation is Caring for Our Land

Kyla Estey, Shelby Keys, Kristen Latzke -

We conducted a series of producer interviews which highlight conservation practice installed in Pike, Jasper and Montgomery Counties, Indiana. The videos are aimed at other producers who are not currently engaged in conservation practice adoption but are interested in learning more from fellow conservation-minded producers.

[Video](#)

Group 4: Get to Know Your Watershed

Alena Jones, Dana Risch, Taylor Wilson -

We created an interactive guide to help residents learn about water quality where they live. Topics include where their drinking water originates, what drinking water or water quality resources are available in their area and common water quality issues locally. The goal is to meet residents where they are by delving into specific issues people face on a daily basis.

[Facilitator Worksheet](#) [Project Worksheet](#) [Link List](#) [Presentation](#) [Landing Page](#)

Group 5: Creating a Google Tool for Windshield Surveys

Lais McCartney, Bob Bruner, Thomas Baer -

We created a digital google tool to move windshield surveys from cumbersome paper-based to streamlined, virtual option. The tool includes bioindicators, safety tips and UAV information.

[Google Site](#) [Using Google Forms Video](#) [Bug Guide Link](#)

Group 6: Septic Systems' Influence on Watershed E. coli Levels

Daniel Welage, Arizona Fox, Amy Smith -

We created a brochure highlighting how E. coli levels in your local watershed can affect recreational opportunities and the overall ecosystem. Sources of E. coli including septic systems were documented while steps which homeowners can take to prevent E. coli pollution are highlighted.

[Project](#) [Presentation](#) [Brochure](#)

Group 7: IDEM's TMDL and Nonpoint Source Story Map

Kristi Todd, Allie Gates -

We created an ArcGIS StoryMap that will be housed on IDEM's website for the public to access. The StoryMap outlines the Total Maximum Daily Load and Nonpoint Source Programs and how they work together. The StoryMap also highlights success stories throughout Indiana where water quality has been restored through local partnerships and restoration efforts.

[Presentation](#)

Group 8: Regional Watershed Impacts Fact Sheet

Jennifer Jones, Amy Noel Smith -

We created a fact sheet for regional use to describe how watershed at different scales (HUC2, HUC8, HUC10, HUC12) can impact water quality downstream. Options for individuals to influence their local water quality both positively and negatively in these various scales were included.

[Presentation](#) [Fact Sheet](#)

Group 9: Cut This, Plant That

Brooke Sauter, Lauren Conklin -

We developed an expandable brochure with a flowchart to assist with invasive plant identification, native plant identification and their typical habitat. We highlighted habitat that is created by native plants.

[Brochure](#)

Group 10: Pollinators Help Feed the Community

Martin Franke, Julie Clarke, Darin Chapman –

We showcased pollinator projects and their positive impact on local insect populations including bees and butterflies. We highlighted options for using pollinators in community gardens.

[Presentation](#) [Brochure](#)