

2019 River Watch Forum Assignment Data Driven Watershed Problem Solving

Examine your watershed, find an issue or problem, and propose a solution (**If it was this easy there wouldn't be any problems left**). Watersheds are complex because it's more than water flowing from upstream to downstream. There are laws at federal, state, and local levels. There are landowner rights. There are differing views. Things get expensive. Non-point pollution, by definition, is hard to identify at its source.

Be thoughtful, creative, and innovative—and have fun!

- Identify an issue or problem in your watershed (reach out to local groups/agencies for assistance and partnership—maybe they're already working on it)
- Propose a possible solution to your issue or problem.
- Support with data (Quantitative, Observational, Expert Interview, Etc.)
- Pitch your solution to the issue:
 - Within your pitch, explain how this solution would address the problem you identified and how you were able to identify that problem
 - A part of your assignment is to present to a group to get feedback on your concept (include “takeaways” from that presentation within your assignment)
- WHAT IS TURNED IN TO IWI/RIVER WATCH STAFF:
 - An ArcGIS Story Map link to be viewed that includes:
 - Description of the problem you identified.
 - How you identified your problem (data/information used).
 - How are you going to solve your problem?
 - Who you presented your problem & solution to and their feedback. You may use the same presentation to present to your group, then add to it based off of your feedback or you can make a video that incorporates your presentation.
 - What are the realistic action steps that are needed to solve the problem?
 - Optional: incorporate photos and/or video into presentation.

Please review the rubric carefully and plan accordingly as you prepare your submissions.

Deliverables and Timeline

October 12th, 2018: Submit problem/issue identified and agency/group you've contacted.

December 14th, 2018: Check-in: Story Map draft, scheduled 'pitch', action plan

February 13th, 2019: Final Story Map Due. Send final submissions to danni@iwisnt.org.

February 27, 2019: River Watch Forum at the Alerus Center Grand Forks, ND