Modeling Flooding Hot Spots/Development of Riparian Management Plans: Beaver Watershed Alliance Announces Clean Water Act Section 319 Grant Addressing Beaver Lake Watershed



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The Beaver Watershed Alliance ("BWA") announced an acquisition of a Clean Water Act Section 319 Grant for use in the Beaver Lake Watershed to:

- Model flooding hot spots.
- Develop riparian management plans.

BWA states that it will be working with Olsson to develop a 2-D HEC-RAS model for the entire Beaver Lake watershed.

The model will also:

… build on previous studies and local data to improve clarity around stormwater and flooding challenges and ultimately produce a user-friendly GIS tool that communities and watershed partners can use to inform planning and project prioritization.

BWA states that project goals for the model include:

- Establishing a Work Group of local water professionals to guide model development.
- Developing a GIS-based tool to identify stormwater and flooding hotspots and prioritize mitigation projects.
- Identifying areas where additional study or funding may be needed.
- Testing potential land use and watershed changes to understand impacts on stormwater capacity and flooding in municipal systems.
- Supporting regional planning and resource prioritization.
- Contributing data and insights to the Arkansas State Flood Plan.

A copy of the announcement can be found here.