

Scuppernong Water Management Study

What Is This Project?

The Albemarle Commission in collaboration with Washington and Tyrrell Counties has partnered with various organizations to conduct a comprehensive study on flooding in the northern Albemarle-Pamlico peninsula.

The Study is intended to provide an understanding of how water moves within the region to help update existing plans, improve decision-making tools, and identify potential solutions to long-standing water management problems affecting public and private lands in the study area.

This Study Will:



Create a "water budget" to show how water moves through the Scuppernong watershed



Identify flood prone areas and develop models to simulate conditions in these areas during different storm events



Use the models to test possible water management actions to determine what would be most effective in reducing flood risk



Recommend short- and long-term actions to reduce flood risk and address water management issues

Research and data collection
+
Community outreach

01

Summer - Winter '23

02

Water budget for the Scuppernong watershed
+
Create models for how water moves through the region

Winter - Summer '24

Communication and discussion of results
+
Community outreach
+
Recommendations to reduce flood risks

03

Summer '24 - Summer '25

Input received for this project will also inform coastal hazard risk assessment and identification of resilience projects by Washington County and the Town of Creswell as part of the NC Resilient Coastal Communities Program.



Community Engagement

The experience and expertise of local residents will be used to refine the analysis and recommendations for reducing flood risks in the Scuppernong watershed. Community members and stakeholders will:

- Help identify flood prone areas in the watershed
- Share how they'd like to see results presented
- Provide input on potential actions and projects to reduce flood risks

<https://bit.ly/scuppernongwaterstudy>

Email stacey.feken@apnep.org to sign up for email list

