

Community Flood Reporting Solution

“A resident-facing tool for documenting flood incidents — improving data for emergency planning, damage assessment, and long-term mitigation.”

THE GAP WE'RE CLOSING

- Flood incidents go unreported unless they trigger a 911 call
- Staff rely on anecdotal knowledge of trouble spots, not verified data
- No centralized record to support grant applications or damage assessments
- Residents have no formal channel for non-emergency flood concerns

WHAT THIS SOLUTION PROVIDES

- Geolocated, community-sourced flood reports in near real time
- Staff review before any report is made publicly visible
- A verified dataset shared across EOC, Planning, and Watershed Protection
- Resident submissions via mobile-friendly survey – no application download required

HOW COUNTY DEPARTMENTS WILL USE THIS DATA

EMERGENCY OPERATIONS

“Emergency Operations would utilize this data for incident preparation, response, recovery, and mitigation — the four key principles of emergency management.”

PLANNING DEPARTMENT

“The Planning Department could use the collected data to better identify flood-prone areas, serve as an additional data resource for grants, and support the prioritization of resiliency projects.”

WATERSHED PROTECTION

“Watershed Protection would use this tool to manage, verify, and respond to stormwater and floodplain issues in real time — turning reactive information into a structured, actionable dataset making our program more responsive and forward looking.”

GEOGRAPHIC INFORMATION SYSTEMS

Chatham County GIS will serve as stewards of the Flood Reporting dataset — reviewing all submitted reports before public release, supporting data access for county departments, and using community feedback to continuously improve the experience.



Flood Report QR Code
(Survey 123 Form)

View the flood dashboard

gisservices.chathamcountync.gov/floodmap

Best viewed on desktop or tablet

QUESTIONS? Please contact chatham.gis@chathamcountync.gov