



**Year-In-Review**

# About CWWMG

## Mission

CWWMG's Mission is to identify, fund, and manage projects that will help preserve, extend, and enhance the capabilities of the Catawba-Wataeree River Basin to provide water resources for human needs while maintaining the ecological integrity of the waterway.

## Membership

- ◆ Catawba River Water Supply Project
- ◆ Lancaster County Water & Sewer District (SC)
- ◆ Union County (NC)
- ◆ Chester Metropolitan District (SC)
- ◆ City of Hickory (NC)
- ◆ City of Belmont (NC)
- ◆ City of Camden (SC)
- ◆ Charlotte Water (NC)
- ◆ City of Gastonia, Two Rivers Utilities (NC)
- ◆ City of Lenoir (NC)
- ◆ City of Morganton (NC)
- ◆ City of Mount Holly (NC)
- ◆ City of Rock Hill (SC)
- ◆ City of Statesville (NC)
- ◆ Duke Energy Carolinas, LLC
- ◆ Lincoln County (NC)
- ◆ Lugoff-Elgin Water Authority (SC)
- ◆ Town of Granite Falls (NC)
- ◆ Town of Long View (NC)
- ◆ Town of Mooresville (NC)
- ◆ Town of Valdese (NC)

# Our Board



**Chair**  
**Jimmy Bagely, PE**  
City of Rock Hill, SC



**Vice Chair**  
**Jeff Lineberger, PE**  
Duke Energy Carolinas, LLC



**Secretary & Treasurer**  
**Brad Boris**  
City of Morganton, NC



**SC At-Large Director**  
**Ray Peterson, PE**  
City of Camden, SC



**NC At-Large Director**  
**Allison Kraft, PE**  
Town of Mooresville

# Our Vision

We envision a future with a sustainable water source achieved through proactive planning, cutting edge research, and water shortage preparedness.



PROJECT 1

# Integrated Water Resources Plan

## Goal

To extend safe yield capacity beyond the year 2100

## Current Status

Hosting stakeholder workshops to update the plan

## Next steps

Develop Phase 4 - economic issues

PROJECT 2

# RTI Water Research Foundation Study

## Goal

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To understand the future of the Catawba-Wateree River as a drinking water supply

## Current Status

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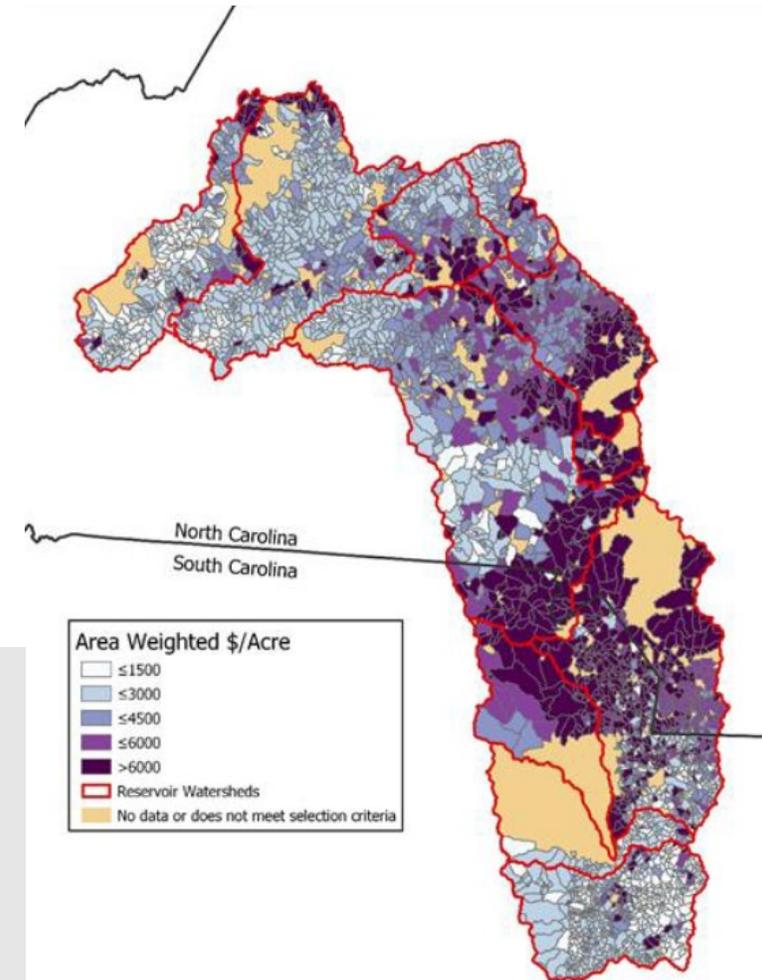
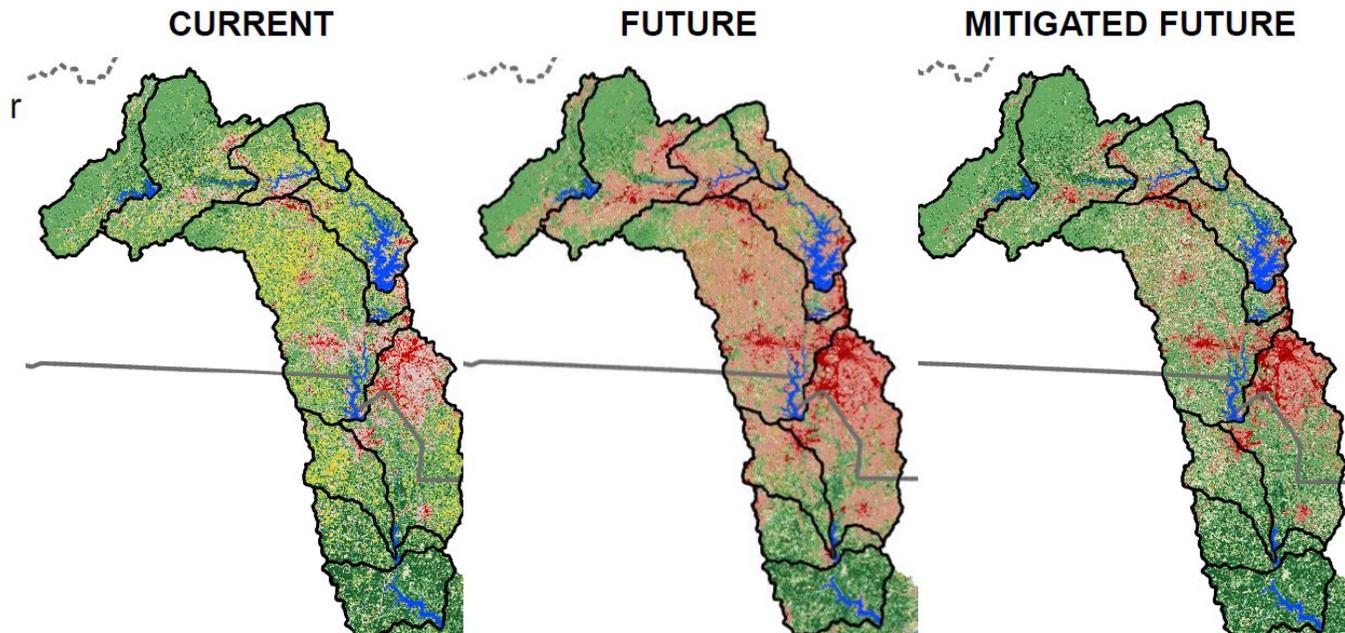
Created tool to help prioritize land conservation efforts based on costs and benefits

## Next Steps

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Enhance tool usability; introduce and train decision makers on using tool

# Water Research Foundation Collaboration



## The project addresses:

- Impact on flow and sedimentation due to projected land use change
- Areas that may potentially have significantly higher impacts on flow and sedimentation ("hot spots")
- Extent land conservation may mitigate impacts
- Optimum combination of conservation actions in the watershed

## PROJECT 3

# Water Loss Management Audit

### Goal

To reduce per capita water loss across the basin

### Current Status

Developed detailed water loss profiles and statistical analysis for each CWWMG member

### Next Steps

Conduct economic analysis and identify target goals specifically for each member and for the aggregate group

# Organizations Eligible to Join CWWMG

- **Water utilities operating** anywhere in the Catawba-Wateree River Basin
  - Includes the South Fork and other tributaries
  - Includes private utility companies
- **Water utilities using water** from the Catawba-Wateree River Basin to serve customers in other river basins
- **Members of the Catawba-Wateree Drought Management Advisory Group including commercial entities that...**
  - Own a water intake within the Catawba-Wateree River Basin OR
  - Own a water treatment plant or distribution system within the Catawba-Wateree River Basin

ent Group



THE  
CATAWBA  
RIVER SERVICES



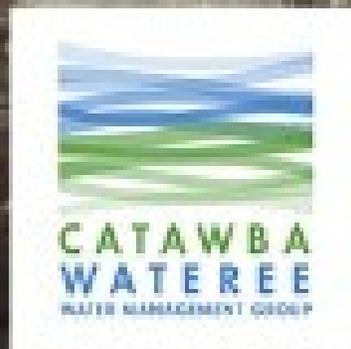
Catawba  
Riversweep  
Sponsorship



# Carolina WATERFALLS

Sponsored by

**ingles**



WATCH PREVIEW

# Our Investment

Our work aims to extend the shared water supply and protect the ecological integrity of our waterways into the next century.

**> \$6 million**

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**Our total investment in projects that aim to advance solutions to our most pressing water challenges.**

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# Our Investment

Partnerships are vital to our success!



THE  
Water  
Research  
FOUNDATION



CAROLINA  
LAND & LAKES  
RESOURCE CONSERVATION & DEVELOPMENT



U.S. Endowment  
for Forestry and Communities



# A Look Ahead

- Focus on implementation of 5-Year Projects Strategic Plan
- Ongoing development of key projects & support of USGS groundwater monitoring work
- Support for Catawba-Wateree Clean Water Initiative
- Advancement of Citizens' Water Academy, Annual Summit, and other forums for dialogue & collaboration
- Recruitment for expanded membership
- Organizational Self Assessment