

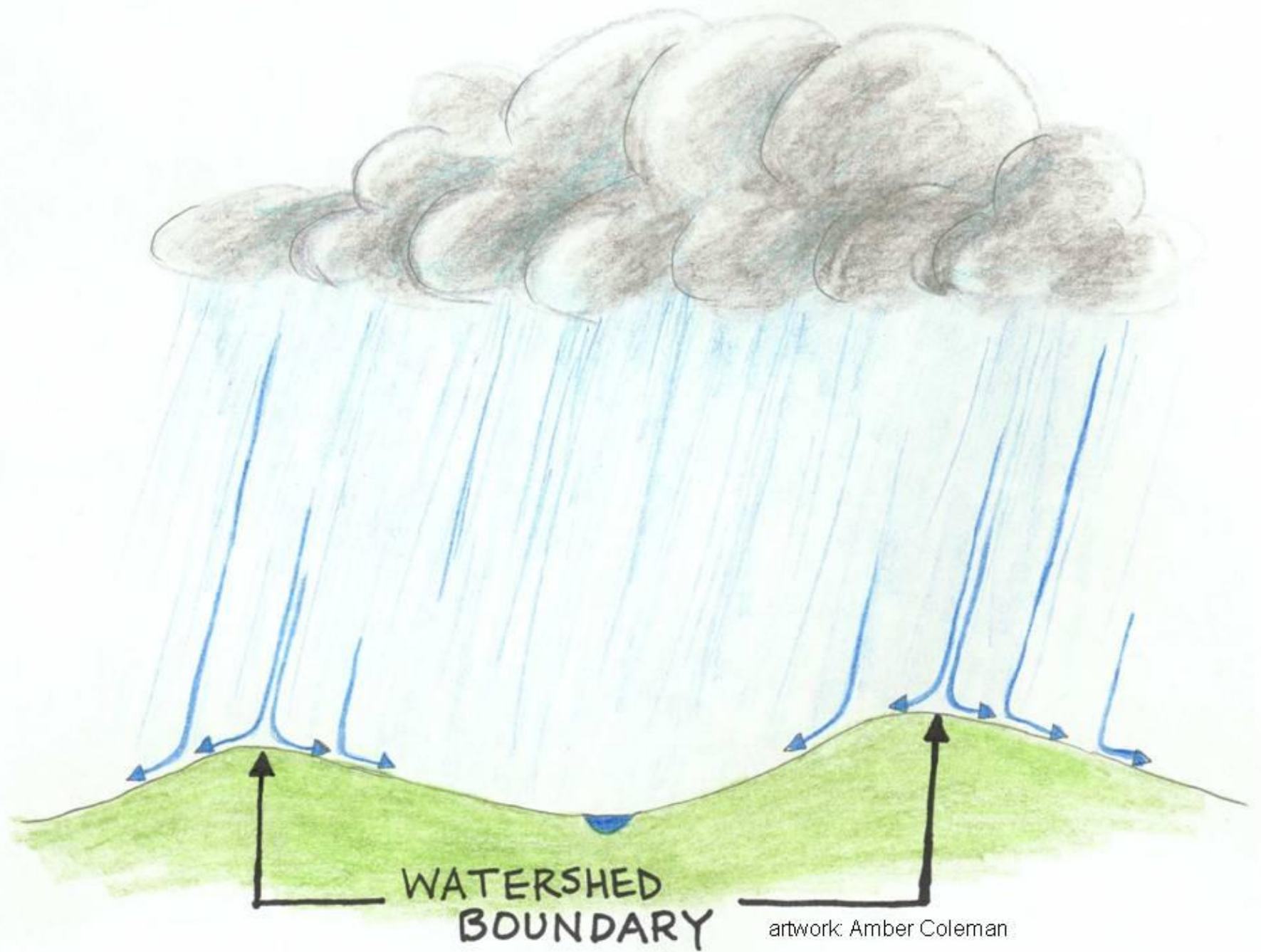


Growing a network of NC water stewards

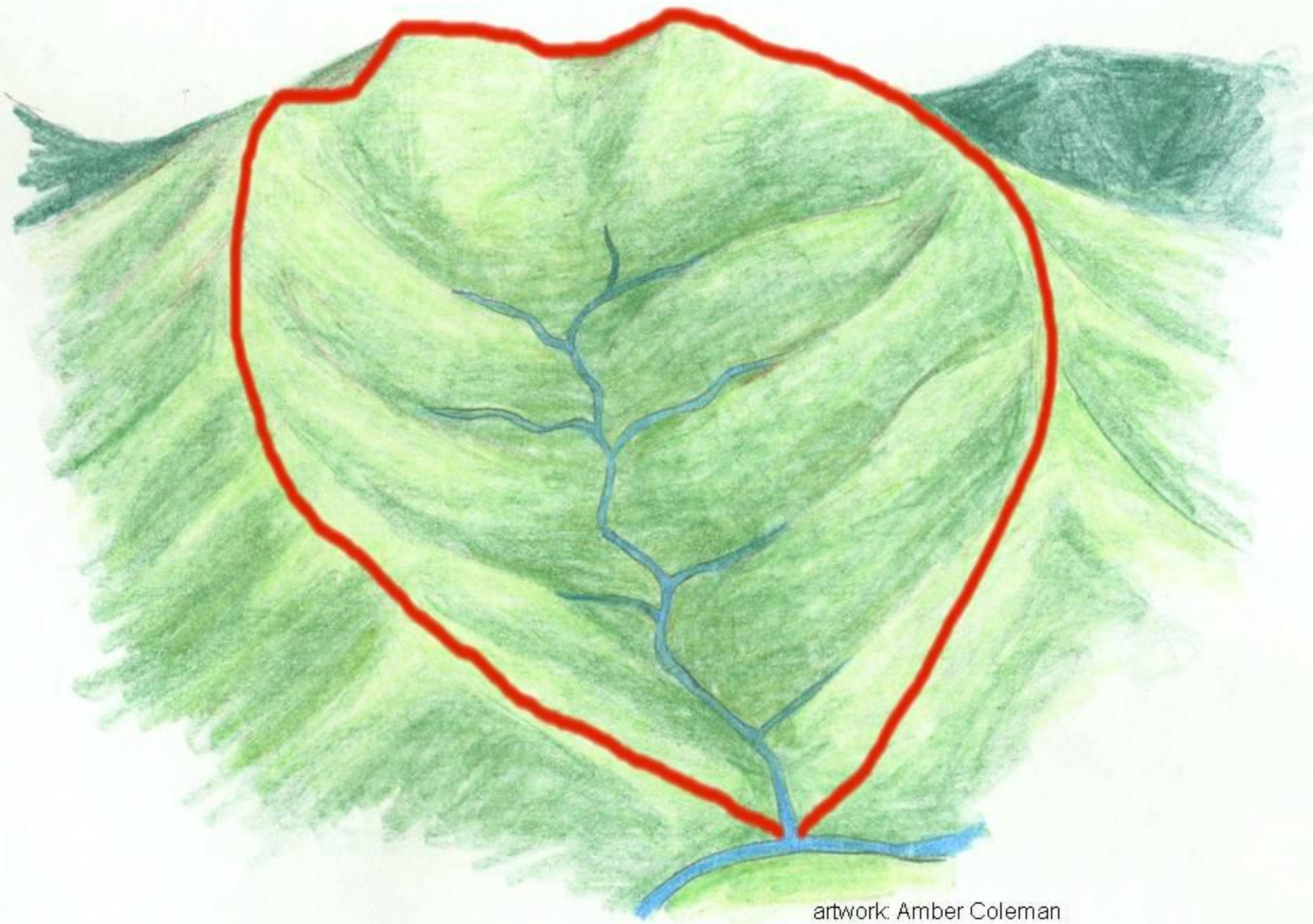
**Christy Perrin, NC Water Resource Research Institute; NC Sea Grant
Grant Parkins, UNC Institute for the Environment**



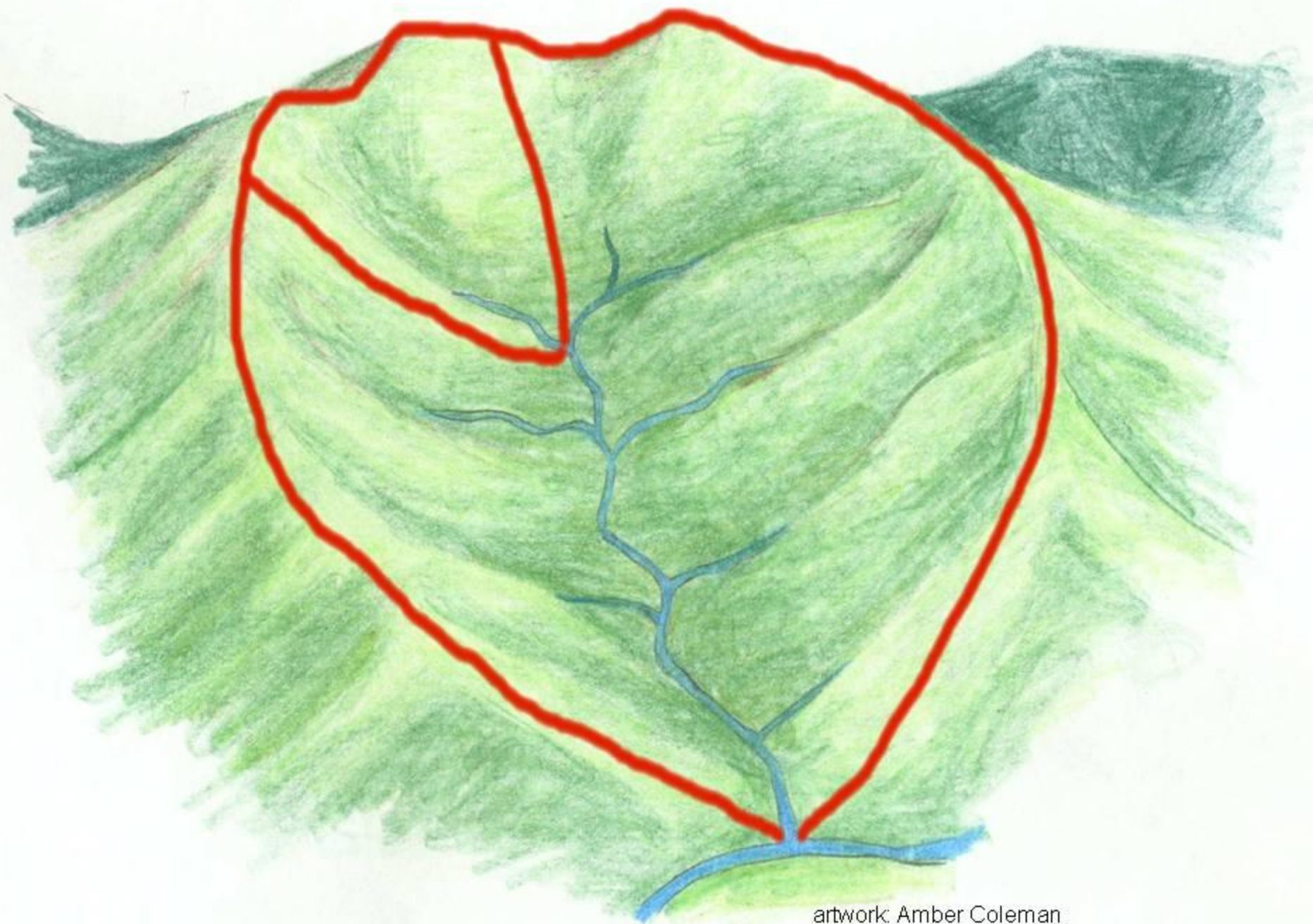
UNC
INSTITUTE FOR
THE ENVIRONMENT



artwork: Amber Coleman



artwork. Amber Coleman



artwork: Amber Coleman



Our mission

Empower more effective watershed stewardship because water is critical to economic, environmental, and community health.



Identify, include, link and serve watershed stakeholders in North Carolina



RELATIONSHIPS



PARTNERSHIPS



Our goals

- More people lead and work on projects that protect waters.
- People begin and sustain water efforts across North Carolina, including in areas that lacked resources.
- Stewards collaborate broadly for greater success in water protection.
- Local watershed efforts are sustained by diverse & balanced resources.
- People make decisions that protect waters, **and** improve community health and economic development.

How we work



- connect people and organizations
- maximize skills
- share local water successes
- help leverage limited resources

Our web life

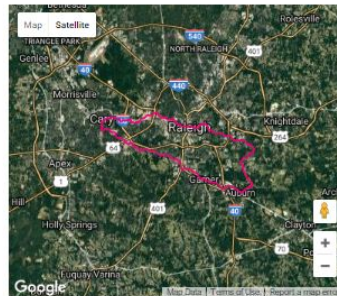
NCWatershedNetwork.org



Walnut Creek

A watershed report generated by the WSN Webtool

All data on watersheds and watershed conditions has been provided by the North Carolina Dept. of Environmental Quality (NC DEQ) unless otherwise noted on our [Data Resources Page](#).



Quick Facts	
Population	92,896
Area (sq miles)	46.0
Miles of stream	61.9
Impaired streams*	100%
Dominant landuse	Developed land
# Monitoring Stations	24
# Registered Groups	9
County	Wake

The hydrologic unit code (HUC) is a numbering system for watersheds. Each watershed in the U.S. is identified by a unique HUC. HUCs are nested within each other, from largest (6 digits for a river basin) to smallest (12 digits for a subwatershed).



Walnut Creek subwatershed (HUC12: 030202011101) is in the Swift Creek-Neuse River watershed (HUC10: 0302020111) within the Upper Neuse River subbasin (HUC8: 03020201) which is a part of the Neuse River Basin (HUC6: 030202)

Groups	Activities	Water Quality	Regulatory
Landcover			
Land Cover Types			
Type	Area (sq miles)	Area (%)	
Open Water	0.4	0.9	
Developed	30.7	66.8	
Bare Earth	0.6	1.4	
Forest	10.0	21.8	
Grassland	1.0	2.3	
Shrubland	0.5	1.0	
Agricultural	1.4	3.1	
Wetlands	1.2	2.6	

Complete Map of National Land Cover Database (NLCD) 2011 from USGS

Our organizational culture

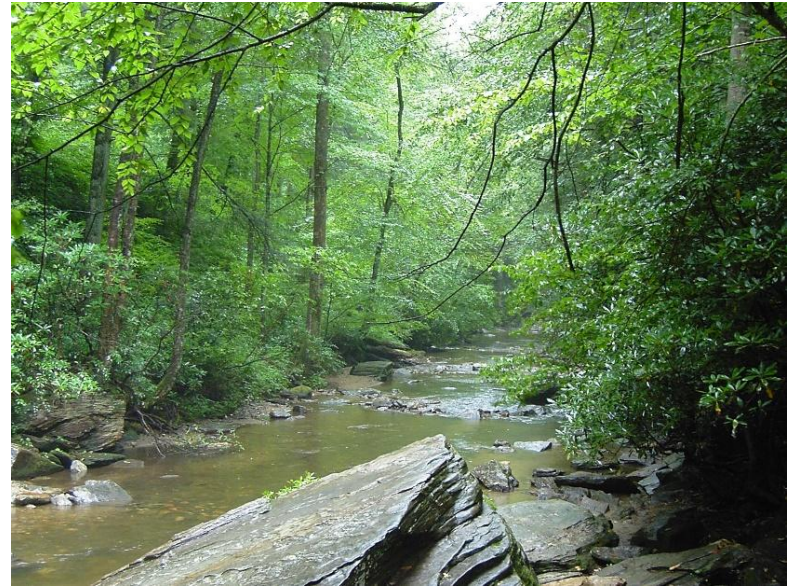


Share and expand on successes
In person networking builds capacity

Partner with somebody you don't know yet, share names and ask each other:

Tell me a time when you were energized/ to be in or near water.

What energized you?





North Carolina
Watershed
Stewardship
Network

NC Watershed Volunteers 2013 survey: What motivated you to take action on watershed issues?

*I felt a connection to
the land and
waterways (70%)*



Educational workshops across NC



2016- Tools of watershed
management



I'm more prepared to take leadership

95% agreed



"We've partnered with a new group to create a coastal watershed plan- we met them at the Kinston NCWSN workshop!"

-real workshop participant

Workshop provided me resources to take next steps in watershed efforts

100% agreed



“Very engaging presenters, good energy throughout the whole...great opportunity to meet other people working on watershed in our area.”

Sustainably Funding Your Watershed Efforts



Aha moment: Communications and fundraising go hand in hand. Government agencies like data, other people like stories.

the muscle behind the workshops

- Paul Clark, NC Division Water Resources (NCDWR)
- Maya Cough-Schulze, NCDWR
- Stacey Feken, Abermarle Pamlico National Estuary Partnership
- Randall & Colleen Haithcock, NE Streamwatch
- Joey Hester, NC Div Soil & Water Conservation
- George Matthis, River Guardian Foundation
- Holly Miller, Town of Wake Forest
- Grant Parkins, UNC-Institute for the Environment
- Gloria Putnam, NC Sea Grant
- Eric Romaniszyn, Haywood Waterways Association
- Rick Savage, Carolina Wetlands Association
- Jen Schmitz, Triangle J Council of Governments



Coming soon: supporting citizen scientists

North Carolina Aquatic Data Hub

Connecting aquatic monitoring across North Carolina

[Home](#)

Interested in training volunteers in data collection methods?

The NCADH will be hosting a series of workshops during spring 2018 to train organizations in habitat assessment, chemical, physical, and macroinvertebrate monitoring methods that can be adopted for citizen aquatic monitoring programs. Workshops will also focus on training in data storage, organization, and analysis. Help us prepare for our workshops by answering a brief questionnaire.

[TAKE THE SURVEY!](#)

<http://ncaquaticdatahub.org>



Coming soon: Energize people on the **value** of water





NCWatershedNetwork.org



Join us!



Questions:

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