**Amanda L. Riggs**

301 Edwards rd. | Chocowinity, NC 27817 | 252-320-2482 | [ariggs3780@gmail.com](mailto:ariggs3780@gmail.com)

<www.linkedin.com/in/amanda-riggs-a60a7b9b>

**Professional Experience**

***Graduate Teaching Assistant – Geographic Information System (GIS) & Atmospheric Science***

East Carolina University

E. 5th Street, Greenville, NC 27858

*August 2024 - May 2025*

* Assisted students with GIS software and spatial data analysis during labs and office hours.

***Volunteer***

North Carolina Estuarium

223 E. Water St, Washington, NC 27889

*July 2023 - Present*

* Visitor greeting, demographic collection, and educational guide.

***Store Manager***

Chapel Hill Subway Group Inc.

727 Eastowne Drive - Suite 300D, Chapel Hill, NC 27514

*December 2012 - August 2021*

* Managed daily operations, staff, and inventory for a high-volume store.

**Education**

***Master of Science in Geography***  
East Carolina University, Greenville, NC  
*August 2023 – May 2025*  
GPA: 4.0

**Thesis**: Analyzed nutrient delivery and flood risks from urban growth in Greenville, NC using ArcGIS Pro, InVEST, & Tableau.

***Bachelor of Science in Multidisciplinary Studies***  
East Carolina University, Greenville, NC  
*May 2021 - July 2023*  
GPA: 3.595  
Concentration: Environmental Studies  
Institutional Honors: Cum Laude

**Certifications**

***Certification in Geographic Information Science Technologies***  
East Carolina University, Greenville, NC  
*August 2023 – May 2025*

***Esri Training Certifications***

Esri Training | esri.com/training

Creating Python Scripts for Raster Analysis, Python Scripting for Geoprocessing, Performing Supervised Object-Based Image Classification (*January 2024 – March 2024*)

**Relevant Skills**

* Remote Sensing: Earth Explorer, NOAA Data Access, Google Earth Engine
* Environmental Modeling: InVEST, PLET, HAZUS-MH, Soil Survey
* Data & Statistical Analysis: ArcGIS Pro, ArcMap, Tableau, Excel

**Awards & Honors**

* ***Undergraduate Research & Creative Activity (URCA) Award*** – ECU Biology Dept., Spring 2023 *(Mentor: Dr. April Blakeslee)*
* ***Gamma Theta Upsilon International Geographical Honor Society*** – Beta Iota Chapter, April 2024

**References**

Beth Bee, PhD (Academic Advisor)

* beeb@ecu.edu

Steven Richter, PhD (Academic Advisor)

* richters@ecu.edu

Scott Wade (Teaching Instructor & Employer)

* [wades@ecu.edu](mailto:wades@ecu.edu)