

# Mackenzie Choffel

## Geoscientist and Cartographer

I am eager to learn and always looking for new experiences to develop my personal and career skills. My experience at KSI GL has instilled a respect for efficiency and laboratory safety, while my time as a Teaching Assistant has helped me polish my scientific communication skills.

## Education

B.S. Geoscience, Minor in Geography, Summa Cum Laude, University of Kentucky, 2024

M.S. Geoscience, University of Kentucky, 2026 (expected)

## Relevant Coursework

- Advanced Cartography
- Intro to Remote Sensing
- Fundamentals of Geology I & II
- Field Camp (Lehigh 2024)
- Hydrogeology
- Groundwater Modelling
- Low Temperature Geochemistry
- Geophysics

## Relevant Project Work

Personal Project Portfolio:



## Contact

Choffelmackenzie@comcast.net  
(703)855-6769

## Relevant Experience

Teaching Assistant, January 2025 – June 2025

Primary TA: EES110 (Endangered Planet: Intro to Environmental Geology)

KSI GL, November 2022 – April 2024

Costech 4010 Processing  
Sample Encapsulation  
DOC Sample Preparation  
Cross-contamination Mitigation

## Skills

Time Management  
Teamwork  
Adaptability

### Technical Skills

ArcGIS Pro  
QGIS  
FieldMove  
Adobe Suite  
Field Mapping  
Writing and Media Literacy

## References

Dr. Jason Dortch, Geologist V, Thesis Advisor  
Jason.M.Dortch@uky.edu  
(513)667-6128

Dr. Andrea Erhardt, Associate Professor, Previous Employer  
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(859)699-1731