

Elizabeth A. Olliver

347 South Davisson Street ● Bloomington, IN 47403 ● Phone: (978) 844-1417 ● eolliver@indiana.edu

EDUCATION

- 2015 – present | Ph.D., Indiana University – Bloomington, Department of Geological Sciences
(expected graduation in Spring 2019)
- Cumulative GPA: 3.85
- 2013 – 2015 | M.S., Indiana University – Bloomington, Department of Geological Sciences
- Cumulative GPA: 3.86
- 2009 – 2013 | B.S., University of Vermont, Department of Geology
- Cumulative GPA: 3.66

RESEARCH EXPERIENCE

- 2013 – present | Graduate Student, Indiana University – Bloomington
- Research focuses on the ecogeomorphic development of coastal freshwater deltaic systems using remote sensing, field, and numerical modeling techniques.
 - M.S. thesis: “Ecogeomorphic succession of deltaic islands within the Wax Lake Delta, Louisiana”
- 2012 – 2013 | Undergraduate Student, University of Vermont
- Honors Thesis: “Impacts of Large Storms and Anthropogenic Sediment Deposition and Composition in Vermont Lake Basins: A Case Study from Lake Rescue, Ludlow, VT”

SKILL SET

- Computer programs:
 - ArcGIS
 - Erdas IMAGINE
 - MATLAB
 - SPSS
- Laboratory analyses:
 - Sediment core description and processing
 - C/N ratio and water content analysis
 - Stable isotope analysis
 - XRD analysis
 - Grain size analysis
- Field techniques:
 - Lake sediment core collection
 - Wetland ecology assessment
 - Real Time Kinematic GPS data collection and processing

TEACHING EXPERIENCE

- 2013 – 2014 | Associate Instructor, Indiana University
- G103 – Earth Science: Materials and Processes

GRANTS/AWARDS

2015 (Spring) | SEPM Foundation Research Grant
2014 (Spring) | GSA Graduate Research Grant
2014 (Spring) | David G. Towell Teaching Award
2014 (Fall) | IAS Travel Grant to American Geophysical Union Fall Conference
2014 (Fall) | Department of Geological at Indiana University's Student Travel Award

PROFESSIONAL AFFILIATIONS

2012 – present | Sigma Gamma Epsilon – Rho Chapter
2010 – present | Geological Society of America

CONFERENCES AND PRESENTATIONS

2014 | American Geophysical Union Fall Conference

- “The role of vegetation on the development and resiliency of the coastal freshwater deltaic system Wax Lake Delta”

2015 | Coastal and Estuarine Research Federation Conference

- “The ecogeomorphic development and resiliency of the coastal deltaic system of Wax Lake Delta”