

EDUCATION

M.A.	Geography	Appalachian State University	Boone, NC	12/2022
B.S.	Geography	Appalachian State University	Boone, NC	05/2021

PROFESSIONAL EXPERIENCE

Adjunct Instructor	Appalachian State University	Boone, NC	08/2022 - present
GIS Lab Supervisor	Appalachian State University	Boone, NC	08/2022 - present
Graduate Teaching Assistant	Appalachian State University	Boone, NC	08/2021 - 12/2022
Research Assistant	Appalachian State University	Boone, NC	11/2019 - 07/2021
Seasonal Trail Crew	Southern Appalachian Wilderness Stewards	Linville, NC	03/2020 - 11/2020
Printer & Owner/Operator	Death By Ink Printshop	Greensboro, NC	01/2010 - 07/2019
Stormwater GIS Field Tech	City of Greensboro, Water Resources	Greensboro, NC	01/2008 - 07/2011

RESEARCH INTEREST

Fluvial Geomorphology, Data Visualization, Geovisualization, Appalachian Health and Culture.

THESIS

Platt, J.R. 2022. *Geomorphic Response to the Removal of the Ward's Mill Dam in Western North Carolina*. Committee: Martin, D.J. (chair), Mayfield, M., Armstrong, W.

INVITED PRESENTATIONS

Platt, J.R. Fall 2023. *Geomorphic changes following the removal of the Ward's Mill Dam, Western North Carolina*. Department of Chemistry and Geosciences Geography Colloquium. Jacksonville State University, Jacksonville, AL. (Upcoming)

RESEARCH PUBLICATIONS

Platt, J.R., Martin, D.J., Mayfield, M., Armstrong, W. 2023. *Geomorphic Response to the Removal of the Ward's Mill Dam on the Watauga River, North Carolina*. *Southeastern Geographer*. (Accepted, under revision)

Thapa, B., Sharma, I., Dahal, G.S., Pyakurel, S. **Platt, J.** 2023. *Urban Greenspace is a Critical Nature-based Infrastructure for the Climate Resilience of Kathmandu Valley, Nepal*. (Upcoming)

RESEARCH PRESENTATIONS

Shu, S., OK-Youn Yu, **Platt, J.**, Martin, D. December 2023. *UAV-based Monitoring of Soil Erosion Induced by Dam Removal*. Paper Presentation. American Geophysical Union Fall Meeting, San Francisco, CA.

Thapa, B., Upadhyay, U., Sharma, I., **Platt, J.R.** 2023. *Urban Greenspace is a Critical Nature-based Infrastructure for the Climate Resilience of Kathmandu Valley, Nepal*. Paper Presentation. Kathmandu Conference on Nepal and the Himalaya, Kathmandu, Nepal.

Crank, T., Thapa, B., **Platt, J.R.**, Schrum, N. *Strategies for Improving Walkability on Campus: Case of Appalachian State University*. Poster Presentation. April 19th, 2023. Celebration of Student Research & Creative Endeavors, Appalachian State University, Boone, NC.

Farrior, J., Nunnery, D.L., Sugg, M.M., **Platt, J.R.**, Roy, M. *Using GIS Service Area Analyses to Identify Characteristics of WIC Inaccessible Regions*. Poster Presentation. April 19th, 2023. Celebration of Student Research & Creative Endeavors, Appalachian State University, Boone, NC.

Platt, J.R., Martin, D.J., Mayfield, M., Armstrong, W. March 26th, 2023. *Geomorphic changes following the removal of a Dam in Western North Carolina*. Paper Presentation. American Association of Geographers, Denver, CO.

Platt, J.R., Martin, D.J., Mayfield, M., Armstrong, W. September 21st, 2022. *Geomorphic changes following the removal of the Ward's Mill Dam, Western North Carolina*. Poster Presentation. Southeastern Division of the American Association of Geographers, Atlanta, GA.

Martin, D.J., Praskievicz, S., Sigdel, R., **Platt, J.R.**, Stephens, S. *Investigating the Influence of Large Wood on Bedform Complexity In Low Gradient Rivers*. Poster Presentation. Southeastern Division of the American Association of Geographers, Atlanta, GA.

Martin, D.J., **Platt, J.R.**, Praskievicz, S. September 2022. *Using SONAR to investigate relationships between fluvial wood and channel bedform in a low gradient, coastal plain river*. Poster Presentation. IAG International Conference on Geomorphology, Coimbra, Portugal.

Platt, J.R., Martin, D.J., Mayfield, M., Armstrong, W. April 21st, 2022. *Immediate changes in channel morphology following a dam removal in Southern Appalachia*. Poster Presentation. Appalachian State University Celebration of Student Research, Boone, NC.

Platt, J.R., Martin, D.J., Mayfield, M., Armstrong, W. February 28th, 2022. *Changes in particle size distribution and suspended sediment concentrations following the removal of a dam in Southern Appalachia*. Virtual Poster Presentation. Annual meeting of the American Association of Geographers, New York, NY.

GRANTS

Martin, D.J. & **Platt, J.R.** 2022. *Phase 2 Geomorphic Monitoring of the Ward's Mill Dam Removal*. Blue Ridge Resource Conservation and Development. **\$9,483 - \$48,970**. (Not Awarded).

HONORS AND AWARDS

Cratis D. Williams Society Inductee, Appalachian State University (December 2022)

Poster Presentation Finalist, Appalachian State University Celebration of Student Research (April 2022)

Outstanding Senior, Appalachian State University Department of Geography and Planning (May 2021)

Junior Marshall, Appalachian State University Department of Geography and Planning (May 2020)

Neil Lineback Geography in the News Scholarship, Appalachian State University, \$800. (August 2020)

Chancellor's List, (Fall 2019 - Spring 2021)

COURSES TAUGHT

GHY 1011: Global Climate Change Lab - 1 Section - Spring 2022

GHY 1012: Global Change in the Biosphere Lab - 4 Sections - Fall 2021 / Spring 2022

GHY 2310: Cartographic Design and Analysis - Spring 2023

GHY 2812: Geospatial Technology in a Changing World - Fall 2022 - present

DEPARTMENTAL SERVICE

Awards and Scholarships Committee - Spring 2023

PROFESSIONAL AFFILIATIONS

American Association of Geographers

North American Cartographic Information Society

Southeastern Division of the American Association of Geographers

STEWARDSHIP

Paddle 'n Plant Live Staking, MountainTrue (February 2020, March 2021)

Earth Day Clean Up, MountainTrue (April 2020)

Rock Project, Black Diamond and Access Fund (2015)

MEDIA

2020 ASU College of Arts and Sciences YouTube: Research in the time of COVID19

CERTIFICATIONS

B Sawyer Crosscut (June 2020)

ESRI MOOC - Cartography