

## Madisen Fuller

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### Research Interests

Environmental Policy and Economics; Natural Resource Management; Econometric Modeling; Forest Carbon Management; Sustainability Research & Policy

### Skills

Econometric Modeling, Statistical Analysis

Microsoft Office (Word, Excel, PowerPoint)

Proficient in Modeling with R, basic knowledge of modeling with SAS and STATA

GIS experience with ArcMap

Project and Time Management / Organization

Strong Attention to Detail, Critical Thinking

### Education

1. Ph.D in Forestry and Environmental Resources and Economics at **North Carolina State University** (January 2021-Current)
2. Master of Science in Forestry and Natural Resources at the **University of Georgia** (June 2019-December 2020)
  - GPA: 3.85
3. Bachelor of Business Administration in Economics at the **University of Georgia** (August 2014-December 2018); Certificate in Sustainability
  - Overall GPA: 3.68
  - Terry College of Business GPA: 3.87
  - GRE: Verbal-159, Quantitative- 157, Writing- 5.0
4. **South Paulding High School** (August 2010-May 2014)
  - GPA: 3.92

### Professional Experience

1. *Graduate Research Assistantship*, School of Environmental Resources, North Carolina State University (2021-present): Works closely with an interdisciplinary team of ecologists and economists studying the relationships between forest carbon, timber markets, and a changing global climate.
2. *Graduate Research Assistant*, Warnell School of Forestry and Natural Resources, University of Georgia (June 2019- December 2019): Worked with a UGA faculty mentor to grow skills in statistical and economic analysis, focusing on the changing levels of carbon being stored in the trees of Georgia.
3. *Student Assistant*, Warnell School of Forestry and Natural Resources, University of Georgia (August 2018- June 2019): Worked closely with a UGA faculty member to assess the levels of global inequality related to the Millennium Development Goals
4. *Research Assistant*, Center for Undergraduate Research Opportunities, University of Georgia (May 2018 – August 2018): Worked closely with a UGA faculty member to perform statistical and network analysis on the world trade of forestry products
5. *Intern*, Environment Georgia (June 2017 – August 2017): Analyzed environmental problems, built public support, assisted with gaining social media recognition, performed statistical analyses, and organized a 100% Renewable Energy Athens event
6. *Undergraduate Tutor*, University of Georgia (August 2017 – December 2018): Tutored business students in Microeconomics, Macroeconomics, Statistics, Finance, Business Modeling, Calculus, and Econometrics

## Research Experience

### Impacts of Land Use Change on Forest Carbon Storage

Warnell School of Forestry and Natural Resources (June 2019- current)

### Carbon Storage in the Forest of Georgia, USA

Warnell School of Forestry and Natural Resources (June 2019- current)

### Forestry Trade Network, Forest Certification, and Biodiversity (June-December 2018)

Center for Undergraduate Research Opportunities, University of Georgia

### Impacts of Mandatory Minimum Sentencing on US Mass Incarceration (August- December 2018)

Economics Senior Thesis, University of Georgia

### Distribution of the Results of the Millennium Development Goals (January – June 2018)

Research Project for Class, University of Georgia

### Racial Disparities in the Lead Found in Water of Fulton County School System (June-August 2017)

Research Project, Environment Georgia Internship

## List of Publications

### Articles (\*In review)

1. Dwivedi P, Khanna M, Fuller M (2018) Is wood pellet-based electricity less carbon-intensive than coal-based electricity? It depends upon perspectives, baselines, and feedstock types. **Environmental Research Letters.**
2. Fuller M, Dwivedi P (2019) Assessing changes in inequality for Millennium Development Goals among countries: Lessons for the Sustainable Development Goals. **Social Sciences.**
3. Fox W, Dwivedi P, Lowe R, Welch S, Fuller M (2020) Estimating carbon stock of live trees located on the main campus of the University of Georgia. **Journal of Forestry.**
4. Kadam P, Fuller M, Dwivedi P (2020) \* Assessing global impact of forest management certifications on biodiversity from 2013 to 2016
5. Fuller M, Dwivedi P (2020) \* The cost of carbon stored on afforested lands in the wood basket of the United States