

# Eric Miller

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## Education

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### University of Maine

Master of Science, December 2020  
Resource Economics and Policy

Orono, ME

Master of Arts, December 2020  
Global Policy (International Environmental Policy concentration)

### University of Wisconsin – Madison

Bachelor of Science, May 2015  
Conservation Biology and Environmental Studies

Madison, WI

## Technical Skills

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- Proficient in multiple statistical and GIS programs for quantitative and qualitative data processing, analysis, visual creation, and database queries – in order from most to least experience.
  - RStudio, STATA, & ArcMap/QGIS
- Employ different techniques for exploratory analysis and econometric modeling.
  - Times series, spatial, discrete choice, and non-market valuation
- Understand scientific literature in a variety of fields and write a literature review.
- Able to write for technical and non-technical audiences.

## Experience

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August 2021 - Present

Margaret Chase Smith Policy Center  
University of Maine

Remote

### Research Associate

- Conduct economic, statistical, and spatial analysis regarding public health issues such as substance use disorder and climate change in Maine.
- Utilize quantitative and qualitative information to assess trends in a range of topics from opioid-related overdose emergency response to visualizing fire fighter mutual aid networks.
- Coordinate and manage data collection, analysis, and interpretation of public health data from primary sources such as the Maine Office of Behavioral Health, including economic and policy analysis of other quantitative and qualitative data.
- Host of *Maine Policy Matters* podcast where I assist with writing scripts, developing interview questions, and conducting interviews.

September 2019 - March 2020

J. William Fulbright Scholarship

Vientiane, Laos

### Student Researcher

- Understand and analyze water resources, fisheries, and communities of the Mekong River and its tributaries from 2002-2013.
- Understand economic and geopolitical factors that influence transboundary governance decisions in the Lower Mekong River Basin and the subsequent ecological conditions.
- Connect with the Faculty of Economics professors at the National University of Laos to develop my research project as well as help them practice their English skills.
- Fulfill my role as a cultural ambassador with the goal of enhancing intercultural relations between the United States and Laos.

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May 2019 - August 2019

Resources for the Future

Washington, D.C.

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**Research Intern**

- Wrote a policy review of federal conservation programs highlighting findings of academic publications that reviewed the efficacy of those programs.
  - Synthesized aquatic invasive species and network metrics academic literature into literature reviews.
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August 2017 - December 2020

Graduate Study

Orono, ME

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**Resource Economics and Policy**

- Utilize statistical modeling programs to create various types of regressions to interpret if there is a relationship between variables and if so, how significant the relationship is.
- Understand economic theory as it relates specifically to agricultural, energy, natural resource, and environmental economics to make policy recommendations.

**Global Policy (International Environmental Policy concentration)**

- Understand environmental issues and their role in international relations.
  - Consider different ideologies and how they may influence the political climate.
  - Compare political sentiment in rural and urban areas and how they dictate regional policy.
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January 2018 - December 2020

School of Economics

Orono, ME

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**Teaching Assistant**

- Assist the professor with grading, attendance, proctoring exams, and other assigned tasks.
  - Courses I have assisted with:
    - International Environmental Economics and Policy (ECO 450/550)
    - Sustainability (ECO 381)
    - Principles of Microeconomics (ECO 120)
    - Principles of Macroeconomics (ECO 121)
    - Economics of Sports (ECO 285)
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June 2015 - May 2016

Wisconsin Department of Natural  
Resources

La Crosse, WI

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**Water Quality Technician**

- Assisted the Water Quality Specialist with research by maintaining, calibrating, and using instruments that measure various water properties on the Mississippi River and surrounding waterways.
  - Learned how a major resource is utilized and managed by multiple organizations working together and the role relevant stakeholders have in the creation of policy.
  - Attended meetings to learn how the agency worked and how they strategized the prioritization of projects on the Mississippi River.
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**Awards**

- J. William Fulbright Scholarship (2019)
- Eagle Scout (2008)

**Volunteering**

- Board Member of Bangor Green Drinks (10/2018-5/2019)
- Caring Calls at Northern Light Hospital in Bangor, ME (7/2021 – 7/2022)