

Curriculum Vitae

Matthew Braaksma

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RESEARCH INTERESTS

Environment and Resource Economics | Land Use Economics | Development Economics | Applied Spatial Analysis | Economic Issues of Indigenous Communities

EDUCATION

Doctor of Philosophy – Applied Economics

University of Minnesota

Aug 2022 — Present

Master of Arts – Economics

San Diego State University

Aug 2020 — May 2022

Bachelor of Arts – Business Administration

Eastern Washington University

Sept 2013 — June 2017

- Minors in Economics and Visual Communication Design
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CURRENT RESEARCH EXPERIENCE

Research Assistant

Department of Applied Economics, University of Minnesota

June 2024 – Present

Supervised by Dr. Justin Johnson

- Developed “A Framework for Measuring African Ecosystem Services Impacts from Land-Related Policies” with collaborators from the European Commission Joint Research Centre, and Wageningen University & Research.
- Contributed to the development of an integrated modeling framework combining a computable general equilibrium (CGE) model with spatially explicit ecosystem service models to evaluate the economic and ecological consequences of land use change in Kenya, with a focus on policy goals related to carbon storage, pollination services, and spatially targeted restoration and protection.
- Utilized Python and geospatial tools (SEALS, InVEST) to simulate land allocations, analyze ecosystem service outcomes, and assess policy impacts aligned with Kenya’s climate and biodiversity goals.

Member, NatCap TEEMs (The Earth-Economy Modelers)

Natural Capital Project, University of Minnesota

August 2022 – Present

Led by Nfamara Dampha (Research Center Director), Justin Johnson (PI), and Stephen Polasky (PI)

- Contribute to collaborative research improving Earth-Economy models that integrate ecological, climate, and economic data.
 - Support efforts to align economic systems with environmental stewardship to inform sustainable development policy.
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PREDOCTORAL RESEARCH EXPERIENCE

Student Research Associate

Center for Health Economics and Policy Studies, San Diego State University

Sept 2020 – Aug 2022

Supervised by Dr. Joseph Sabia (Director) and Dr. Yang Liang (Co-director)

Research Assistant

Department of Economics, San Diego State University

Sept 2020 – Aug 2022

Supervised by Dr. Kangoh Lee and Dr. Jacob Penglase

SKILLS

Administrative

G Suite, Git, LaTeX, Microsoft Office Suite

Statistical

Python (including spatial), R (including spatial), Stata

Teaching

Teaching Assistant for Managerial Economics

Spring 2025

- APEC 3002 - Dr. Frances Homans

Teaching Assistant for PhD-level Econometrics

Spring 2024

- APEC 8213 - Dr. Paul Glewwe
- APEC 8214 - Dr. Marc Bellemare

Teaching Assistant for PhD-level Microeconomic Theory

Fall 2023

- APEC 8001 - Dr. Paul Glewwe

WORKING PAPERS

“Can Anti-Vaping Policies Curb Drinking Externalities? Evidence from E-Cigarette Taxation and Traffic Fatalities”, with Dhaval Dave, Yang Liang, Catherine Maclean, and Joseph Sabia. No. w30670. **National Bureau of Economic Research**, 2022.

RECOGNITIONS

Teaching Assistant Award for Graduate Level Classes

University of Minnesota, Applied Economics	2023-2024
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Graduate Fellowship

University of Minnesota, Applied Economics	2022
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Presidential Graduate Research Fellowship

San Diego State University	2022
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McCuen Endowed Economics Scholarship

San Diego State University	2020
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Transfer Achievement Scholarship

Eastern Washington University	2013
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