

# Aidan Maddock

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Economics graduate researcher with experience in modelling, econometrics, and policy research

## Education

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### University of Oxford

MSc Environmental Change and Management

Sep 2025 – Sep 2026

- Dissertation: Environmental Policy Bundles and Growth: A Machine Learning Application

### McGill University

BA Joint Honours Economics and Geography

2021 – 2025

- First Class (GPA 3.76/4)
- Relevant courses: Honours Environmental Policy, Econometrics, Advanced Geospatial Analysis

## Research

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### Honours Thesis: Taxing Carbon, Taxing Place: Carbon Taxes across 13 million Canadian Households

- Presented at McGill undergraduate and ARIA conferences, won CAG undergraduate award
- Developed spatial microsimulation of synthetic households in R from household surveys

## Experience

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### Climate Compatible Growth, Oxford

February 2026 –

Research Associate

- Quantitatively analyzing stability of climate finance networks in response to US pullouts
- Contributing to two upcoming papers on the political economy of multilateral funds

### Gault Nature Reserve, Beloeil

Field Operations Assistant

May – Aug 2025

- Quantified GIS-based models of infrastructure to improve emergency response times
- Created interactive dashboard for analyzing conservation outcomes

### Peruvian Amazon Rural Livelihoods and Poverty Project

Research Assistant

April – Oct 2025

- Wrote household livelihood survey reaching 500+ households into World Bank software
- Cleaned demographic and financial big data in STATA for analysis

### Department of Geography, McGill University

Arts Research Fellow

May – July 2024

Awarded competitive summer grant studying inequalities in household carbon taxes with LLMs

## Skills

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- **Programming & Data:** Excel, R, STATA, Python, SQL
  - DiD, LASSO, Vector Autoregressions, Dyadic regression, Network Analysis
- **Geospatial:** ArcGIS Pro (Spatial/Network Analyst)
- **Languages:** English, French

## Interests

- Multi-instrumentalist, climbing, backpacking, basketball