

CONTACT INFORMATION	<p>McGill University Department of Economics 855 Sherbrooke Street West Montreal, QC, Canada H3A 2T7</p> <p>+1-438-630-9165 <a href="mailto:miao.dai@mail.mcgill.ca">miao.dai@mail.mcgill.ca</a> <a href="mailto:daimiaoca@163.com">daimiaoca@163.com</a> <a href="https://www.miaodai.org/">https://www.miaodai.org/</a></p>
EDUCATION	<p>Ph.D. in Economics, McGill University, Montreal, Canada August 2023 (expected)  <b>Dissertation Title:</b> <i>Essays in resource market imperfections and their impacts on firm behaviour and the environment</i>  <b>Committee:</b> Hassan Benchechroun (Supervisor), Francesco Amodio (Co-Supervisor), Laura Lasio, Ngo Van Long.</p> <p>M.A. in Environmental, Resource and Development Economics (ERDE), University of Winnipeg, Winnipeg, Canada 2016</p> <p>B.Sc. in Resources, Environment and Urban Planning, Hubei Normal University, China 2014</p>
RESEARCH FIELDS	Environmental and Resource Economics, Industrial Organization, International Trade
PUBLICATIONS	<p><a href="#">“On the profitability of cross-ownership in Cournot nonrenewable resource oligopolies: Stock size matters.”</a> with Hassan Benchechroun and Ngo Van Long (2022), <i>Journal of Environmental Economics and Management</i>, Volume 111: 102597.</p> <p><a href="#">“The impact of cross-ownership on the value of a clean technology in the energy market.”</a> with Hassan Benchechroun and Ngo Van Long (2022), <i>Environmental Modelling and Assessment</i>, 27(6): 1007-1019.</p>
WORKING PAPERS	<p><a href="#">“Environmental lobbying on international trade in waste: Theory and evidence”</a>. (Job Market Paper)</p> <p>“On the impact of cross-ownership in a common property renewable resource oligopoly”, with Hassan Benchechroun</p>
WORK-IN-PROGRESS	<p>“Common ownership, corporate social responsibility, and climate change”</p> <p>“The role of pressure groups on international trade in waste: A gravity model approach”</p> <p>“On the comparison of Cournot and Bertrand equilibria in a nonrenewable resource differentiated product oligopoly with cross-ownership”</p> <p>“Trade restriction and transboundary pollution: A differential game approach”</p>
RESEARCH EXPERIENCE	<p><b>Research Assistant</b></p> <p>For Hassan Benchechroun, McGill University, 2018-2022</p> <p>For Amrita Ray Chaudhuri and Soham Baksi, University of Winnipeg, 2015-2017</p> <p>For Melanie O’Gorman and James Townsend, University of Winnipeg, and Public Interest Law Centre, 2016</p>

TEACHING  
EXPERIENCE**Graduate Teaching Assistant, Max Bell School of Public Policy, McGill University**

Global Macroeconomic Policy (Winter 2023, Winter 2022, Winter 2021, Winter 2020)  
Microeconomics for Public Policy (Fall 2021, Fall 2020, Fall 2019)

**Teaching Assistant, Department of Economics, McGill University**

Natural Resource Economics (Winter 2023, Winter 2022)  
Advanced Economic Theory - Honours (Fall 2022, Fall 2021)  
Microeconomic Analysis and Applications (Summer 2021)  
Microeconomic Theory (Winter 2021, Winter 2020, Winter 2018)  
Political Economy of Trade Policy (Winter 2021, Winter 2019)  
Industrial Organization (Fall 2020)  
Public Sector Economics (Fall 2019, Fall 2018)  
Mathematics for Economists (Summer 2019)  
Economics of the Environment (Fall 2017)

**Instructor, Department of Economics, University of Winnipeg**

Intermediate Microeconomics (Spring 2017)

**Lab Demonstrator/Teaching Assistant, Department of Economics, University of Winnipeg**

Intermediate Microeconomics (Winter 2017, Fall 2016, Winter 2016, Fall 2015)  
Introduction to Macroeconomics (Winter 2017)  
Modern Microeconomics for Economics and Business (Winter 2017)  
Mathematical Economics (Fall 2016)  
Introduction to Microeconomics (Fall 2016)  
Introduction to Economic Theory (Fall 2015)

SEMINARS AND  
CONFERENCES

2023: 28<sup>th</sup> Annual Conference of the European Association of Environmental and Resource Economists (EAERE), 2023 North America Conference of the Chinese Economists Society (CES)

2022: Beijing Normal University Bay Area International Business School, 32<sup>nd</sup> Annual Conference of the Canadian Resource and Environmental Economics Association (CREEA), 11<sup>th</sup> Congress of the Asian Association of Environmental and Resource Economics (AAERE), Xiangjiang River Forum in Economics, Finance and Management for Young Scholars - CEFMS, 12<sup>th</sup> International Economics and Finance Society (IEFS) China Annual Conference (invited), 2022 Annual Conference of the Chinese Economists Society (CES), 17<sup>th</sup> Annual Meeting of the Asia Pacific Trade Seminars (APTS), 8<sup>th</sup> Canadian PhD and Early Career Researcher Workshop in Environmental and Resource Economics, 56<sup>th</sup> Annual Meeting of the Canadian Economics Association (CEA), 15<sup>th</sup> Australasian Trade Workshop (ATW), Montreal Environmental and Natural Resources Economics Workshop, McGill-CIREQ Lunch Seminar

2021: Montreal Environmental and Natural Resources Economics Workshop

2020: 30<sup>th</sup> Annual Conference of Canadian Resource and Environmental Economics Association

PROFESSIONAL  
SERVICES

Referee for *Resource and Energy Economics*, *Applied Economics*, *China Economic Review*  
Discussant for CES, CEA, ATW, CREEA, CEFMS and AAERE

FELLOWSHIPS AND  
AWARDS

STP - Social Sciences and Humanities Research Council of Canada (SSHRC), 2021-2023  
STP - Fonds de recherche du Québec - Société et culture (FRQSC), 2018-2023  
Travel Subsidy, Chinese Economists Society (CES), 2023  
Travel Grant, Canadian Resource and Environmental Economics Association (CREEA), 2022  
[Lasserre-Renzetti Prize for Best Student Paper](#), CREEA, 2022  
Student Travel Grant, Canadian Economics Association (CEA), 2022

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Graduate Research Enhancement and Travel Award, Faculty of Arts, McGill University, 2022  
Clifford C F Wong Fellowship - Economics, McGill University, 2017-2020  
14th Competition and Regulation European Summer School (CRESSE) Fellowship, 2019  
International Graduate Mobility Award, McGill University, 2019  
Graduate Excellence Award in Economics, McGill University, 2017

LANGUAGES                      Chinese (native), English (fluent)

SKILLS                            Matlab, Stata, Mathematica,  $\LaTeX$

REFERENCES                    Hassan Bencheikroun  
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