

MIAO DAI
McGill University
Department of Economics
855 Sherbrooke Street West
Montreal, QC, Canada H3A 2T7
Phone: (438) 630-9165
Email: miao.dai@mail.mcgill.ca
Website: www.miaodai.org

PLACEMENT DIRECTORS

| | | |
|----------------------------------|--|----------------|
| Prof. Francisco Alvarez-Cuadrado | francisco.alvarez-cuadrado@mcgill.ca | (514) 398-8804 |
| Prof. Rui Castro | rui.castro@mcgill.ca | (514) 398-1226 |

EDUCATION

| | |
|-------|---|
| Ph.D. | Economics, McGill University, expected May 2023 |
| M.A. | Environmental, Resource and Development Economics, University of Winnipeg, 2016 |
| B.Sc. | Resources, Environment and Urban Planning, Hubei Normal University, China, 2014 |

FIELDS OF SPECIALIZATION

| | |
|------------|--|
| Primary: | Environmental and Resource Economics |
| Secondary: | Industrial Organization, International Trade and Political Economy |

DISSERTATION

Three Essays in Environmental and Resource Economics
Committee: Prof. Hassan Benchechroun (Chair), Prof. Francesco Amodio, Prof. Laura Lasio

JOB MARKET PAPER

“[Environmental lobbying on international trade in waste: Theory and evidence](#)” (sole-authored)

PUBLICATIONS

Dai, Miao, Hassan Benchechroun, and Ngo Van Long. "[On the profitability of cross-ownership in Cournot nonrenewable resource oligopolies: Stock size matters.](#)" *Journal of Environmental Economics and Management* 111 (2022): 102597.

Benchechroun, Hassan, Miao Dai, and Ngo Van Long. "[The Impact of Cross-ownership on the Value of a Clean Technology in the Energy Market.](#)" *Environmental Modeling & Assessment* (2022): 1-13.

RESEARCH PAPERS IN PROGRESS

“The role of pressure groups on international trade in waste: A gravity model approach”
“Common ownership, corporate social responsibility, and climate change”, with Hassan Benchechroun
“Solving Feedback Nash equilibria with heterogenous players: using Markov chain approximation method”

RESEARCH AND RELEVANT WORK EXPERIENCE

Research Assistant for Prof. Hassan Benchechroun, McGill University, 2018-2021
Research Assistant for Prof. Amrita Ray Chaudhuri and Soham Bakshi, University of Winnipeg, 2015-2017
Research Assistant for Prof. Melanie O’Gorman and James Townsend, University of Winnipeg, and Public Interest Law Centre, 2016

TEACHING EXPERIENCE

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

Global Macroeconomic Policy (Winter 2022, Winter 2021, Winter 2020)

Microeconomics for Public Policy (Fall 2021, Fall 2020, Fall 2019)

Teaching Assistant, Department of Economics, McGill University

Advanced Economic Theory - Honours (Fall 2022, Fall 2021)

Natural Resource Economics (Winter 2022)

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)

GRANTS AND AWARDS

- | | |
|-----------|--|
| 2018-2022 | STP – Fonds de recherche du Québec Société et culture (FRQSC) |
| 2022 | STP – Social Sciences and Humanities Research Council of Canada (SSHRC) |
| 2017-2020 | Clifford C F Wong Fellowship- Economics |
| 2019 | 14th Competition and Regulation European Summer School (CRESSE) Fellowship |
| 2019 | International Graduate Mobility Award |
| 2017 | Graduate Excellence Award in Economics |
| 2016 | Graduate Student of the Highest Distinction |

CONFERENCE AND SEMINAR PRESENTATIONS

- | | |
|------|--|
| 2022 | The 11th Congress of the Asian Association of Environmental and Resource Economics (AAERE), Xiangjiang River Forum in Economics, Finance and Management for Young Scholars – CEFMS, 12th International Economics and Finance Society (IEFS) China Annual Conference (invited), Chinese Economists Society (CES), Asia Pacific Trade Seminars (APTS), 8th Canadian PhD and Early Career Researcher Workshop in Environmental and Resource Economics, Canadian Economics Association (CEA), Australasian Trade Workshop (ATW), Montreal Environmental and Natural Resources Economics Workshop, McGill-CIREQ Lunch Seminar |
| 2021 | Montreal Environmental and Natural Resources Economics Workshop |
| 2020 | Canadian Resource and Environmental Economics Association (CREEA) |

PROFESSIONAL SERVICE

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

LANGUAGES

English (Fluent), Chinese (native)

COMPUTATIONAL SKILLS

Matlab, Stata, Mathematica

REFERENCES

- Prof. Hassan Bencheekroun, McGill University, hassan.bencheekroun@mcgill.ca , 514-398-4400
Prof. Francesco Amodio, McGill University, francesco.amodio@mcgill.ca , 514-398-2184
Prof. Laura Lasio, McGill University, laura.lasio@mcgill.ca , 514-398-2953
Prof. Christopher Ragan, McGill University, christopher.ragan@mcgill.ca , 514-398-5997