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PLACEMENT DIRECTORS

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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 Bencheikroun (Chair), Prof. Francesco Amodio, Prof. Laura Lasio

JOB MARKET PAPER

[“Environmental lobbying on international trade in waste: Theory and evidence”](#)
Lasserre-Renzetti Prize for best student paper

This paper investigates the effects of environmental lobbying on international trade in waste. I develop a theoretical framework that emphasizes the potential impact of green lobbies on environmental and trade policies and how North-to-South waste flows are affected through these policy channels. I show that the politically chosen policies are ambiguous relative to the socially optimal levels, depending on the heterogeneity of environmental preferences and the degree of pollution damages from waste. This in turn leads to ambiguous effects of environmental lobbying on the North-to-South waste trade. Further, I take the theory to the empirics using panel data on the bilateral waste trade and the number of environmental NGOs (ENGOS) as a proxy for the environmental lobbying strength. I employ two different empirical strategies. The first one is a gravity specification that exploits within-country and cross-country variations. The results show that a 10% increase in the number of ENGOS in the North will lower North-to-South waste exports by 3.52%, whereas a similar increase in the South can reduce waste exports by 8.74%. The second approach uses a triple-difference estimation strategy that exploits plausibly exogenous variation created by waste exports restriction following the introduction of the EU Waste Shipment Regulation in 2006. I find that countries with 10% more ENGOS tend to decrease their waste exports by 6.7% more after the implementation of the regulation. These findings thus suggest that strengthening ENGOS can represent an important strategy to reduce the international waste trade.

PUBLICATIONS

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

“[The Impact of Cross-ownership on the Value of a Clean Technology in the Energy Market.](#)” with Hassan Benchechroun and Ngo Van Long (2022), *Environmental Modelling and Assessment*, 27(6): 1007-1019.

RESEARCH PAPERS IN PROGRESS

“The role of pressure groups on international trade in waste: A gravity model approach”

“The welfare impact of cross-ownership in Bertrand nonrenewable resource oligopolies”

“Common ownership, corporate social responsibility, and climate change”, with Hassan Benchechroun

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

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)

RESEARCH AND RELEVANT WORK EXPERIENCE

Research Assistant for Prof. Hassan Benchechroun, McGill University, 2018-2022

Research Assistant for Prof. Amrita Ray Chaudhuri and Soham Baksi, University of Winnipeg, 2015-2017

Research Assistant for Prof. Melanie O’Gorman and James Townsend, University of Winnipeg, and Public Interest Law Centre, 2016

GRANTS AND AWARDS

2021-2023 STP – Social Sciences and Humanities Research Council of Canada (SSHRC)

2018-2023 STP – Fonds de Recherche du Québec – Société et Culture (FRQSC)

2017-2020 Clifford C F Wong Fellowship – Economics, McGill University

2019 14th Competition and Regulation European Summer School (CRESSE) Fellowship

2019 International Graduate Mobility Award, McGill University

2017 Graduate Excellence Award in Economics, McGill University

CONFERENCE AND SEMINAR PRESENTATIONS

- 2022 32nd Annual Conference of the Canadian Resource and Environmental Economics Association
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)
Annual Conference of the Chinese Economists Society (CES)
17th Annual Meeting of the Asia Pacific Trade Seminars (APTS)
8th Canadian PhD and Early Career Researcher Workshop in Environmental and Resource Economics
56th Annual Meeting of the Canadian Economics Association (CEA)
15th Australasian Trade Workshop (ATW)
Montreal Environmental and Natural Resources Economics Workshop
McGill-CIREQ Lunch Seminar
- 2021 Montreal Environmental and Natural Resources Economics Workshop
- 2020 30th Annual Conference of 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