

MANON DESJARDINS

Ph.D. Candidate in Environmental Economics and Management
SKEMA Business School and Université Côte d'Azur (GREDEG, CNRS)
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EDUCATION

Skema Business School/Université Côte d'Azur

Ph.D. Candidate in Management

Nice, France

2020 - Expected 2025

Dissertation: Three Essays on Environmental Externalities, Organizational Failures and their Management Remedies

Management scholars and economists attribute environmental externalities to resource misallocation. While market failures are widely acknowledged to be a cause of such misallocation, it is increasingly recognized that organizational failures also play a significant role. In the pursuit of effective environmental policies, policymakers should thus consider organizational remedies alongside market-based ones. My research thesis precisely examines the role of various management instruments in fostering sustainability, and the consequent implications for public policy.

Advisor: Bernard Sinclair-Desgagné

Committee: Christophe Charlier, Catherine Laffineur

Polytechnique Montréal

M.Sc.A. in Industrial Engineering

Montreal, Canada

2017 - 2019

Dissertation: Informal entrepreneurship in deposit system management: the case of 'Les Valoristes' cooperative in Montreal [[Online version](#)]

Advisors: Nathalie de Marcellis-Warin, Bernard Sinclair-Desgagné

IMT Mines Albi

Master's Degree in Engineering

Albi, France

2015 - 2019

RESEARCH INTERESTS

Environmental Economics and Management, Internal Carbon Pricing, Fiscal Optimization, Monetary Incentives, Transfer Pricing, Corporate Sustainability

Methodologies: Theoretical modeling, experiments, applied econometrics

COMPETENCES

Languages: French (native), English (fluent)

Programming languages: L^AT_EX, Python, oTree, Qualtrics, Stata, Mathematica, MS Office

WORKING PAPERS

Internal Carbon Pricing in the Multidivisional Firm [[Online version](#)]

with Bernard Sinclair-Desgagné. *Under Review (2nd round) at Environmental & Resource Economics.*

Nowadays, most large multidivisional businesses, multinational enterprises and global value chains hold their own 'internal markets', which they operate through so-called 'transfer prices'. In response to

environmental regulation and public pressure, many such firms are seeking to incorporate the social cost of pollution in these transfer prices. Called internal carbon pricing, this emerging practice consists in charging an extra fee to each business unit based on its emissions. Modeling two vertically related subsidiaries located in different jurisdictions, we examine how such modified transfer prices would thereby convey regulations and public pressure, and consider the impact on each subsidiary's production and emissions abatement. Transfer pricing is a well-known and widely used instrument for fiscal optimization. We show how the firm's environmental strategy might now interact with fiscal compliance. Through transfer pricing, finally, a carbon fare in one jurisdiction can have an incidence on the other jurisdiction's subsidiary; the implications for environmental governance are discussed.

Avoiding Adverse Specialization in Multitasking: An Experimental Test of Agency Theory Predictions

In preparation for submission to Management Science.

Many firms simultaneously pursue short-term profitability and long-term objectives such as sustainability. Yet, their employees keep focusing on business-as-usual, neglecting the second objective for lack of clear appraisal and rewards. This phenomenon - called adverse specialization - has employees concentrate on a strict subset of tasks while the firm would have them address the full set. One solution advanced in agency theory is to implement proper contingent monitoring and clawbacks in order to align the agent's behavior with the principal's objectives. Using an experimental methodology, this study tests and finds evidence for implementing this scheme.

Is Internal Carbon Pricing Associated with Tax Avoidance? Evidence from MNEs' environmental disclosure

with Bernard Sinclair-Desgagné. *Data analysis.*

The majority of multinational companies that implement an internal carbon price collect its revenue through an "internal carbon fund". The objective of this fund is to invest in emission reduction projects. It is widely acknowledged among researchers that investment funds form part of a tax optimization strategy. Using data from the Carbon Disclosure Project and ORBIS, we examine the empirical relationship between corporate tax strategies and the introduction of an internal carbon price.

WORKS IN PROGRESS

Desjardins, M. Complementary Incentives versus Pro-environmental Behavior (Experimental design stage).

Desjardins, M., & Sinclair-Desgagné, B. Is the Innovative Labor limited by the Extent of the Market? Evidence from Polluters and Abaters (Modeling stage).

RESEARCH EXPERIENCE

CIRANO

Research assistant

Montreal, Canada

2018 - 2019

Research assistant at the Inter-university Research Center for Organization Analysis (CIRANO), in the project 'Waste management market structure analysis and competitiveness challenges in Montreal'. This project was developed in collaboration with the City of Montreal. It aimed to better understand the recycling ecosystem in the city and its challenges following the implementation of the National Sword policy by China.

GRANTS AND MEMBERSHIPS

Grants

Ph.D. scholarship (SKEMA Business School, 2020-2024)

Research grant (CIRANO, 2019)

International mobility grant (Région Occitanie, 2017)

Memberships

Academy of Management (AoM)

Experiments in Organization Science (EOS)

European Association of Environmental and Resource Economists (EAERE)

French/Italian Associations of Environmental and Resource Economists (FAERE/IAERE)

TEACHING INTERESTS

Environmental Economics, Environmental Governance, Organizational Economics, Business Strategy and the Environment, Circular Economy

TEACHING EXPERIENCE

Université Côte d'Azur

Instructor, Industrial Organization (French, 31h)

Nice, France

Fall 2023

Undergraduate program, Leading professor: Patrice Bougette

Institution Stanislas

Khôlles examiner, Microeconomics

Nice, France

2022 - Present

Preparatory school (French undergraduate program), Leading professor: Charlie Joyez

Training for undergraduate law and economics students to undertake 'Grandes Ecoles' entrance exams

SKEMA Business School

Teaching assistant, Global Governance (English, 24h)

Nice, France

Automne 2021-2022

Master Grande Ecole, Leading professor: Bernard Sinclair-Desgagné

Course given to more than 1,000 students spread across three different campuses (Lille, Paris, Sophia Antipolis)

Polytechnique Montréal

Teaching assistant, Technology and Global Competitiveness (French, 15h)

Montréal, Canada

Fall 2018

Graduate program, Leading professor: Nathalie de Marcellis-Warin

CONFERENCE PRESENTATIONS

Refereed Presentations

Desjardins, M. Avoiding Adverse Specialization in Multitasking: An Experimental Test of Agency Theory Predictions.

2023: EOS Conference.

Expected 2024: AoM Annual Meeting (OMT Division), IAERE Annual Conference, AFSE Annual Conference.

Desjardins, M., & Sinclair-Desgagné, B. Internal Carbon Pricing in the Multidivisional Firm.

2023: European Economic Association/The Econometric Society Annual Conference, EAERE Annual Conference, FAERE Annual Conference, Journées de Microéconomie Appliquée.

Desjardins, M., Ebrahimi, P., & Sinclair-Desgagné, B. Global Value Chains and the Price of Carbon.

2022: EAERE Annual Conference, FAERE Annual Conference.

Detout, J.F., Desjardins, M., Jacquier, V., Otmanine, I., & Villars, M. Evaluation par les pairs dans la formation en ligne : quels défis pour la construction d'une communauté d'apprenants ?.

2022: Association Internationale de Pédagogie Universitaire Annual Conference.

Other Presentations

Desjardins, M. Avoiding Adverse Specialization in Multitasking: An Experimental Test of Agency Theory Predictions.

2023: Paris Junior Experimental Meetings.

2024: GREDEG Ph.D. Workshop.

Desjardins, M., & Sinclair-Desgagné, B. Internal Carbon Pricing in the Multidivisional Firm.

2022: GREDEG Ph.D. Workshop.

2024: Paris Saclay Applied Economics Junior Seminar.

PROFESSIONAL EXPERIENCE

Agence de la Transition Ecologique (ADEME)

Industrial Waste Engineer

Angers, France

2019 - 2020

Project manager in charge of designing and implementing an Extended Producer Responsibility policy to construction waste. This policy was part of the Circular Economy Law developed by the French Ministry of Ecological Transition with eco-organisations and major industry companies.

SIREA and Benne S.A.

International Business Developer

Vietnam and Cambodia

2017

SERVICE

Head of the volunteer team of DRUID 2024 (Expected June 2024)

Co-founder and coordinator of the GREDEG internal seminars in Environmental Economics (since 2023)

Member of the Organizing Committee of the 3rd GREDEG Ph.D. Workshop (January 2023)

Member of the Organizing Committee of the 10th KTO Paper Development Workshop (June 2022)

President of Les Savanturiers, humanitarian association (2016-2017)

REFERENCES

Bernard Sinclair-Desgagné

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