
Cardiff Business School, Cardiff, UK

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CURRENT POSITION

Research Associate, Wales Productivity Forum, Cardiff Business School, Cardiff, UK 2026-Present

EDUCATION

Ph.D. in Economics, University of Calgary, Calgary, AB, Canada	Sep 2026 (Expected)
M.A. in Economics, Bogazici University, Istanbul, Turkey	2018
B.A. in Economics, Bogazici University, Istanbul, Turkey	2015

RESEARCH INTERESTS

Productivity, Resource Allocation, Environmental and Energy Economics, International Trade

PUBLICATIONS

Gogebakan, A. (2025). Revisiting Trade and Income in the New Era of Globalisation - Distance, Big Boats and Natural Barriers to Trade. *The World Economy*, 48(4), 886–921. ([View](#))

JOB MARKET PAPER

Energy Misallocation and Aggregate Productivity: Evidence from Canada ([View](#))
Abstract: *This paper quantifies aggregate productivity losses from energy misallocation. While energy is an essential input, the aggregate productivity effects of its misallocation remain largely unknown. Unlike capital and labor, energy is geographically less mobile, heavily regulated, and exhibits significant interregional disparities. These characteristics make energy misallocation particularly relevant for productivity. I incorporate energy as a third input into the standard misallocation framework and quantify productivity losses using Canadian provincial input-output data from 2014-2020. I examine misallocation at the province-by-sector level to capture both sectoral and regional variation across the entire economy. I decompose productivity losses into within- and between-sector components and calculate the contribution of each input separately. I find that aggregate productivity could be 5-8% higher under an optimal allocation of all inputs. Most of the losses are driven by interprovincial misallocation. Energy, despite its relatively small input share, accounts for up to one-third of these losses. Its contribution exceeds labor and is comparable to capital. This suggests that energy misallocation is an important and underexplored source of productivity losses.*

WORKING PAPERS

Uneven Gains: The Environmental Justice Impact of the Regional Greenhouse Gas Initiative (RGGI) on Local Air Pollution and Health (*with Sookti Chaudhary and Linh Pham*)
Grid Connection Delays, Energy Misallocation, and Aggregate Productivity (*with Melanie Jones*)

GRANTS, AWARDS, AND HONORS

EEPRN Research Grant (\$30,000 CAD, Role: Principal Investigator) Smart Prosperity Institute & Environment and Climate Change Canada <i>Project: Energy Misallocation and Aggregate Productivity: Evidence from Canada</i>	2024-2026
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Economics Alumni Graduate Scholarship (\$2,900 CAD)	2022-2023
Anton and Dalgarno Memorial Graduate Scholarship (\$10,000 CAD)	2020-2021
Anton and Dalgarno Memorial Graduate Scholarship (\$10,000 CAD)	2019-2020
Paid research leave for visiting Monash University (\$11,000 AUD)	2017
Erasmus+ Exchange Scholarship (2,080 EUR)	2014-2015
Turkey Ministry of National Education Scholarship (17,340 TRY $\approx$ 8,000 EUR)	2010-2015

RESEARCH EXPERIENCE

Research Partner, Smart Prosperity Institute, Ottawa, ON, Canada	2024-2026
Research Assistant to Alaz Munzur, C2P2, Calgary, AB, Canada	2025
Research Assistant to Trevor Tombe, Department of Economics, Calgary, AB, Canada	2021, 2024
Research Assistant to Megan Bailey, Haskayne Business School, Calgary, AB, Canada	2023-2024
Research Assistant to Arvind Magesan, Department of Economics, Calgary, AB, Canada	2021-2022
Research Assistant to Alexander Whalley, 4POINT0, Calgary, AB, Canada	2019-2021
Research Assistant, Department of Economics, Dokuz Eylul University, Izmir, Turkey	2016-2019
Research Assistant, Department of Management, Halic University, Istanbul, Turkey	2015-2016

TEACHING EXPERIENCE

Sessional Instructor

Principles of Microeconomics (Econ 201) ($\times 2$), University of Calgary Summer 2023, Spring 2024

Teaching Assistant

Undergraduate Courses: Principles of Microeconomics ($\times 6$), Principles of Macroeconomics ($\times 2$), Econometrics ($\times 2$), Intermediate Microeconomics I & II ($\times 2$), Intermediate Macroeconomics ($\times 1$), Engineering Economics ($\times 1$), Petroleum Economics ($\times 1$), Energy Economics and Policy ($\times 1$), Monetary Theory ($\times 1$)

Graduate Courses: International Trade (Econ 621) ($\times 1$), Environmental Economics (Econ 677) ($\times 1$), Advanced Macroeconomic Theory II (Econ 759) ($\times 1$)

CONFERENCES & PRESENTATIONS

Invited Talks:

Canadian Economics Association (CEA), Vancouver, BC, Canada	May 2026
Smart Prosperity Institute (SPI), Ottawa, ON, Canada	Feb 2026
Environment and Climate Change Canada (ECCC), Online	Jan 2026
Central Bank of the Republic of Türkiye, Online	Jan 2026
Queensland University of Technology, Economics, Brisbane, QLD, Australia	Aug 2024

Contributing Presentations:

European Trade Study Group (ETSG) Annual Conference, Exeter, UK	Sep 2026
Canadian Res. & Env. Econ. Assoc. (CREEA), Winnipeg, MB, Canada	Oct 2025
Canadian Res. & Env. Econ. Assoc. (CREEA), Montreal, QC, Canada	Jun 2025

Australian Conference of Economists (ACE), Adelaide, SA, Australia	<i>Jul 2024</i>
Asia Pacific Trade Seminars (APTS), Bangkok, Thailand	<i>Jun 2024</i>
Rocky Mountain Empirical Trade Conference (<i>Discussant</i>), Banff, AB, Canada	<i>May 2024</i>
Midwest International Trade Conference, Indianapolis, IN, USA	<i>May 2024</i>
Canadian Economics Association (CEA), Winnipeg, MB, Canada	<i>Jun 2023</i>

REFeree & Professional Service

Review of World Economics (RoWE) ($\times 2$), AERE Summer Conference 2025 Paper Reviewer	
The Society for Economic Measurement (SEM) (<i>Organizing Team</i>), Calgary, AB, Canada	<i>Aug 2022</i>
Izmir Intl. Congress on Econ. and Admin. Sciences (<i>Organizing Team</i>), Izmir, Turkey	<i>Dec 2018</i>

MEMBERSHIP

Canadian Economic Association (CEA), Association of Environmental and Resource Economists (AERE), Australasian Agricultural and Resource Economics Society (AARES), European Economic Association (EEA), Forum for Research in Empirical International Trade (F.R.E.I.T)

COMPUTER SKILLS

Python, Stata, InMAP, L^AT_EX

LANGUAGES

Turkish (Native), English (Fluent), German (Intermediate)

REFERENCES

Prof. Trevor Tombe (*Ph.D. Supervisor*)

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Calgary, AB, T2N 1N4
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Prof. M. Scott Taylor

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Prof. Arvind Magesan

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Prof. Melanie Jones

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