

ANIL GOGEBAKAN

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CURRENT POSITION

Ph.D. University of Calgary: *Economics*, Calgary, AB, Canada 2019 - 2026 (*Expected*)

Research Fellow, Smart Prosperity Institute, Ottawa, ON, Canada 2024 - *Present*

RESEARCH INTERESTS

International Economics, Trade, Environmental Economics, Applied Econometrics, Air Pollution

REFERENCES

Prof. Trevor Tombe (*Main Supervisor*)
Department of Economics, University of Calgary
ttombe@ucalgary.ca
+1 (403) 220-8068

Prof. M. Scott Taylor
Department of Economics, University of Calgary
mstaylor@ucalgary.ca
+1 (403) 220-8912

Prof. Arvind Magesan
Department of Economics, University of Calgary
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GRANTS, AWARDS, AND HONORS

EEPRN Research Grant (\$30,000 CAD) — *Role: Principal (Solo) Investigator:* Environment and Climate Change Canada (ECCC) & Smart Prosperity Institute (SPI)

Project: *The Role of Energy Efficiency in Productivity: Evidence from Canada 2024–2026*

Economics Alumni Graduate Scholarship (\$2,900 CAD) 2022–2023

Anton and Dalgarno Memorial Graduate Scholarship (\$20,000 CAD total, x2) 2019–2021

Paid research leave for visiting Monash University (\$11,000 AUD) 2017

Erasmus+ Exchange Scholarship (€2,080) 2014–2015

Turkey Ministry of National Education Scholarship (17,340 TRY) 2010–2015

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.

DOI: [10.1111/twec.13667](https://doi.org/10.1111/twec.13667) — [View Article](#)

WORKING PAPERS

The Role of Energy Efficiency in Productivity: Evidence from Canada ([Job Market Paper](#))

Abstract: This paper quantifies how the misallocation of energy, capital, and labor across provinces and sectors reduces productivity in Canada. Using annual provincial input–output data (2014–2020)

and a standard Hsieh–Klenow–style framework, I decompose the loss into interprovincial (within-sector) and intersectoral (within-province) components and measure each input’s contribution. Unlike most studies focusing on firm-level variation within manufacturing, I examine the full economy at the province–sector level. The results show that misallocation drags aggregate productivity 5–8% below its efficient potential, depending on the assumed substitutability of goods between provinces. Within-sector misallocation drives most of the loss, reaching 4.3%, while between-sector misallocation contributes up to 4%, consistently less than the within-sector component, indicating interprovincial misallocation is the primary source. While energy accounts for only 8% of input costs, it makes up as much as 1.5% of the gap—comparable to capital’s 1.8% peak and substantially exceeding that of labor’s 0.8%—highlighting energy’s key role in productivity.

Uneven Gains: The Environmental Justice Impact of the Regional Greenhouse Gas Initiative (RGGI) on Local Air Pollution and Health (with S. Chaudhary and L. Pham)

EDUCATION

Ph.D. University of Calgary: <i>Economics</i> , Calgary, AB, Canada	2019 - 2026 (<i>Expected</i>)
<i>Ph.D. Izmir Univ. of Econ. (Coursework Completed): Economics</i> , Izmir, Turkey	2018 - 2019
M.A. Bogazici University: <i>Economics</i> , Istanbul, Turkey	2015 - 2018
<i>M.A. Exchange: Monash University</i> , Melbourne, VIC, Australia	2017
B.A. Bogazici University: <i>Economics</i> , Istanbul, Turkey	2013 - 2015
<i>B.A. Erasmus+: Nova School of Business & Economics</i> , Lisbon, Portugal	2014
<i>B.S. Bogazici University (Transfer to Economics): Teaching Math.</i> , Istanbul, Turkey	2009 - 2013

RESEARCH EXPERIENCE

Prof. Alaz Munzur <i>Canadian Climate Policy Partnership</i> , Calgary, AB, Canada	2025
– Coded and implemented a general equilibrium trade model for scenario analysis.	
Prof. Trevor Tombe <i>Department of Economics</i> , Calgary, AB, Canada	2021, 2024
– Conducted literature review for "From Farms to Tables: Quantifying the Effect of Emissions Pricing on Canadian Food Prices."	
Prof. Megan Bailey <i>Haskayne Business School</i> , Calgary, AB, Canada	2023 - 2024
– Scraped National Emissions Inventory (NEI) data and ran coal phase-out simulations for New York power plants using InMAP.	
– Analyzed simulation results and prepared summary reports.	
Prof. Arvind Magesan <i>Department of Economics</i> , Calgary, AB, Canada	2021 - 2022
– Assisted in scraping petition data for "Instrumental and Expressive Value of Political Participation: The Case of Petitions" and "Petitions, Political Participation, and Government Responsiveness."	
Prof. Alexander Whalley <i>4POINT0</i> , Calgary, AB, Canada	2019 - 2021
– Analyzed a near-universe firm-level dataset of Canadian companies (Aberdeen Data).	
– Replicated empirical studies using the dataset and summarized results.	
Department of Economics , Dokuz Eylul University, Izmir, Turkey	2016 - 2019
Department of Management , Halic University, Istanbul, Turkey	2015 - 2016

TEACHING EXPERIENCE

Sessional Instructor:

Principles of Microeconomics (Econ 201) (Summer 2023 & Spring 2024 at University of Calgary)

Teaching Assistantship:

Principles of Microeconomics (Multiple semesters 2019–2025)

Principles of Macroeconomics (Winter 2022, Winter 2025)

Introduction to Econometrics (Summer 2022, Winter 2023)

Intermediate Economic Theory - Microeconomics I (Fall 2018)

Intermediate Economic Theory - Microeconomics II (Winter 2021)

Intermediate Economic Theory - Macroeconomics I (Spring 2023)

Engineering Economics (Spring 2025)

Petroleum Economics (Fall 2023)

Energy Economics and Policy (Fall 2023)

Monetary Theory (Winter 2021)

Advanced Macroeconomic Theory II (Econ 759 Graduate level) (Winter 2024)

Environmental Economics (Econ 677 Graduate level) (Winter 2025)

International Trade (Econ 621 Graduate level) (Winter 2025)

REFeree SERVICE

Review of World Economics (RoWE), AERE Summer Conference 2025 Paper Reviewer

CONFERENCES

Canadian Res. & Env. Econ. Assoc. (CREEA) (*Paper Presenter*), Winnipeg, MB, Canada Oct 2025

Canadian Res. & Env. Econ. Assoc. (CREEA) (*Paper Presenter*), Montreal, QC, Canada Jun 2025

Canada's Productivity Summit (*Notetaker*), Calgary, AB, Canada Oct 2024

Energy Disruptors Unite 2024 Summit (*Participant*), Calgary, AB, Canada Oct 2024

Queensland University of Tech. (*Economics - Invited Speaker*), Brisbane, QLD, Australia Aug 2024

Australian Conference of Economists (*Paper Presenter*), Adelaide, SA, Australia Jul 2024

Asia Pacific Trade Seminars (APTS) (*Paper Presenter*), Bangkok, Thailand Jun 2024

Rocky Mountain Empirical Trade Conference (*Discussant*), Banff, AB, Canada May 2024

Midwest International Trade Conference (*Paper Presenter*), Indianapolis, IN, USA May 2024

Canadian Economics Association (CEA) (*Paper Presenter*), Winnipeg, MB, Canada Jun 2023

The Society for Economic Measurement (SEM) (*Organizing Team*), Calgary, AB, Canada Aug 2022

Izmir Intl. Congress on Econ. and Admin. Sciences (*Organizing Team*), Izmir, Turkey Dec 2018

MEMBERSHIP

Association of Environmental and Resource Economists (AERE), Australasian Agricultural and Resource Economics Society (AARES), European Economic Association (EEA)

COMPUTER SKILLS

Stata, Python, R, Eviews, InMAP, L^AT_EX

LANGUAGES

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