

ANIL GOGEBAKAN

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The University of Calgary,
Calgary, AB, Canada.

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EDUCATION

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

RESEARCH INTERESTS

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

REFERENCES

Prof. Trevor Tombe (<i>Main Supervisor</i>) 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 anmagesa@ucalgary.ca +1 (403) 220-5276	

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](#)

GRANTS, AWARDS, AND HONORS

Research Fellow, Smart Prosperity Institute (SPI), Ottawa, ON, Canada 2024 - 2026
EEPRN Research Grant (\$30,000 CAD) — *PI (Solo)*: SPI & Environment and Climate Change Canada (ECCC)
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

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)

RESEARCH EXPERIENCE

Prof. Alaz Munzur *Canadian Climate Policy Partnership, Calgary, AB, Canada* 2025

- Coded and implemented a general equilibrium trade model for scenario analysis.

Prof. Trevor Tombe *Department of Economics, Calgary, AB, Canada* 2021, 2024

- Conducted literature review on emissions pricing and Canadian food prices.

Prof. Megan Bailey *Haskayne Business School, Calgary, AB, Canada* 2023 - 2024

- Scraped NEI data; simulated New York coal phase-out using InMAP.
- Analyzed simulation results and prepared summary reports.

Prof. Arvind Magesan *Department of Economics, Calgary, AB, Canada* 2021 - 2022

- Scraped petition data for projects on political participation and government responsiveness.

Prof. Alexander Whalley *4POINT0, 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.

RA (full-time), Department of Economics, Dokuz Eylul University, Izmir, Turkey 2016 - 2019

- Supported teaching and research: tutorials, class material preparation, grading, and data analysis.

RA (full-time), Department of Management, Halic University, Istanbul, Turkey 2015 - 2016

- Supported teaching and research: tutorials, literature reviews, data collection and analysis.

TEACHING EXPERIENCE

Sessional Instructor:

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

Teaching Assistantship:***Undergraduate level:***

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 & II (Fall 2018, 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)

Graduate level:

International Trade (Econ 621) (Winter 2025)

Environmental Economics (Econ 677) (Winter 2025)

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

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 (ACE) (*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)