Akio Yamazaki

National Graduate Institute for Policy Studies (GRIPS)
7-22-1 Roppongi
Minato-ku, Tokyo 106-8677
Japan

Work: +81 (03) 6439 - 6225
Email: a-yamazaki@grips.ac.jp
Web: https://a-yamazaki1028.github.io/

RESEARCH INTEREST

Environmental Economics, Public Economics, CGE Analysis, and Applied Microeconomics.

PROFESSIONAL EXPERIENCE

APPOINTMENTS:

Visiting Associate Professor, Department of Economics, McMaster University	2025 – Present
Associate Professor (Tenured), National Graduate Institute for Policy Studies (*on leave*)	2022 – present
Research Fellow, Tokyo Center for Economic Research	2025 – present
Guest Researcher, CREPE, University of Tokyo	2024 – present
Green Growth Partnership, Smart Prosperity Institute, University of Ottawa	2020 – present

PREVIOUS APPOINTMENTS:

Assistant Professor, National Graduate Institute for Policy Studies (GRIPS)	2019 – 2022
Adjunct Assistant Professor, Department of Economics, University of Calgary	2019 – 2025
Pre-Doctoral Fellow, Smart Prosperity Institute, University of Ottawa	Winter 2018
Research Assistant, Department of Economics, University of Calgary – Professor M. Scott Taylor, Jared C. Carbone, Trevor Tombe, Kunio Tsuyuhara	2012-2015, 2018
Research Assistant, Department of Economics, University of Southern California – Professor Jeffrey B. Nugent	2011-2012
Research Assistant, Department of Economics, University of California, Davis – Professor Klaus Nehring	2008-2009

EDITORIAL APPOINTMENTS:

Editorial Council, Environmental Economics and Policy Studies	2026 – present

EDUCATION

Ph.D Economics, **University of Calgary**, AB Canada — 2019
– Supervisor: Dr. **M. Scott Taylor**

M.A. Economics, **University of Southern California**, Los Angeles, CA, USA — 2012

B.A. Economics, *Highest Honor & Departmental Citation*, **University of California, Davis**, CA, USA — 2009

A.A. Transfer, *Highest Honor*, **City College of San Francisco**, CA, USA — 2007

JOURNAL ARTICLES

"Do Carbon Taxes Kill Jobs? Firm-level Evidence from British Columbia,"
with Deven Azevedo and Hendrik Wolff, ***Climate Change Economics***, (2023)

"How Do Carbon Taxes Affect Emissions? Plant-level Evidence from Manufacturing,"
with Younes Ahmadi and Kabore Philippe, ***Environmental and Resource Economics***, 82 (2022) pp. 285-325

"Environmental Taxes and Productivity: Lessons from Canadian Manufacturing,"
Journal of Public Economics, 205 (2022)
– **Young Achievement Award**, Society for Environmental Economics and Policy Studies (2023)
– **Lasserre-Renzetti Prize for best student paper**, Canadian Resources and Environmental Economics Association (2018)

"Comparing Applied General Equilibrium and Econometric Estimates of the Effect of an Environmental Policy Shock," with Jared C. Carbone, Nicolas Rivers, and Hidemichi Yonezawa
Journal of the Association of Environmental and Resource Economist, 7, no.4 (2020) pp.687-719
– **Honorable mention for the 2020 JAERE Outstanding Publication Award**

"Jobs and Climate Policy: Evidence from British Columbia's *Revenue-Neutral* Carbon Tax,"
Journal of Environmental Economics and Management, 83 (2017) pp. 197-216

POLICY PAPERS

"It's Not a Job Killing Policy – The Case of BC's Revenue Neutral Carbon Tax," *Sustainable Prosperity Research Note*, January 2016

WORKING PAPERS

"Green Fiscal Reform and the Demographic Squeeze: Lessons from Japan" with Jared Carbone and Maxwell Fleming

"The Long-Run Response of Firm Innovation to Carbon Taxation" with Philippe Kabore and Meng Sun

"The Network Effects of Environmental Regulation: Evidence from Japan" with Jevan Cherniwchan, Takafumi Kawakubo, and Takafumi Suzuki

"Who Bears More Burdens of Carbon Taxes? Heterogeneous Employment Effects within Manufacturing Plants"

"The Effect of Climate Policy on Performance of Manufacturing Plants"
– **Best Paper Award**, Canadian PhD and Early Career Workshop in Environmental Economics (2016)

WORK IN PROGRESS

"From Classrooms to Policies: How Early-Life Environmental Education Influences Policymaking" with Jun Goto

"FDI and the Environment in Developing Countries: Evidence from Vietnam" with Giang Lam Han

"Balancing Economic, Equity, and Environmental Goals with Carbon Pricing" with Shoko Goto and Kenji Takeuchi

RESEARCH FUNDING

"PI" indicates Principal Investigator.

PI, Overseas Research Grant, Kajima Foundation, 2026-2027 (¥6,000,000)

PI, Overseas Research Grant, Nomura Foundation, 2025-2026 (¥700,000)

PI, Overseas Research Grant, Murata Science and Education Foundation, 2025-2027 (¥1,000,000)

PI, GRIPS Research Project Grant, 2025-2027 (¥1,926,000), 2024-2026 (¥1,926,000), 2023-2025 (¥1,815,000), 2021-2023 (¥3,600,000), 2019-2021 (¥2,000,000)

CI, GRIPS Research Project Grant, 2025-2027 (¥1,926,000)

Overseas Research Fellowship, Japan Society for the Promotion of Science, 2025-2027

PI, Environmental Research Projects, Sumitomo Foundation, 2024-2026 (¥2,500,000)

PI, Grants-in-Aid for Scientific Research (KAKENHI), Early-Career Scientists, Japan Society for the Promotion of Science, 2024-2027 (¥3,600,000)

Co-PI, Grants-in-Aid for Scientific Research (KAKENHI), Scientific Research (B), Japan Society for the Promotion of Science, 2024-2027 (¥10,000,000)

PI, Grants-in-Aid for Scientific Research (KAKENHI), Early-Career Scientists, Japan Society for the Promotion of Science, 2020-2021 (¥4,160,000)

Co-PI, "Carbon Taxes and Competitiveness: Firm-level Evidence from British Columbia," Economics and Environmental Policy Research Network, Environment and Climate Change Canada, 2019-2021 (CDN$40,000)

PI, "Environmental Taxes and Productivity: Lessons from Canadian Manufacturing" Productivity Partnership, McMaster University, 2017 (CDN$28,000) – funded under the title "The Effect of Climate Policy on Competitiveness: The Micro-level Evidence from Canada"

Co-PI, "Do Carbon Taxes Kill Jobs? Firm-level Evidence from British Columbia," Economics and Environmental Policy Research Network, Environment and Climate Change Canada, 2017-2018 (CDN$28,000)

PI, "The Effect of Climate Policy on Performance of Manufacturing Plants," Economics and Environmental Policy Research Network, Environment Canada, 2013-2016 (CDN$25,000)

CONFERENCE AND INVITED SEMINAR PRESENTATION

"*" indicates invited seminars.

2027 – University of Hawaii at Manoa (USA)

2026 – Canadian Resource and Environmental Economics Conference (Waterloo CANADA)

2025 – NBER-TCER-CEPR (TRIO) Conference* (Tokyo, JAPAN)

2024 – Energy Studies Institute, National University of Singapore* (Singapore), SEEPS Annual Meeting (Osaka JAPAN)

2022 – Kyoto University* (Kyoto Japan)

2021 – SEEPS Camp (Tokyo JAPAN); RIEEM, Waseda University* (Tokyo JAPAN); Kobe University* (Kobe JAPAN)

2019 – Workshop on Climate Economics, Innovation, and Policy (Ottawa CANADA); Carleton University* (Ottawa CANADA); Wilfrid Laurier University* (Waterloo CANADA); National Graduate Institute for Policy Studies* (Tokyo JAPAN), Wake Forest University* (North Carolina USA), University of Saskatchewan* (Saskatchewan CANADA)

2018 – Smart Prosperity Institute (University of Ottawa CANADA); National Institute for Environmental Studies* (Tsukuba JAPAN); Canadian Economics Association Annual Conference (Montreal CANADA); Western Economic Association International meeting (Vancouver CANADA); Camp Resources XXV (North Carolina USA); Canadian Resource and Environmental Economics Conference (Montreal CANADA); Occasional Workshop in Environmental and Resource Economics (University of California, Santa Barbara USA); Southern Economic Association meeting (Washington, DC, USA)

2017 – Environment Canada Research Network Research Symposium* (Ottawa CANADA)

2016 – Canadian Resource and Environmental Economics Conference (Banff CANADA); Canadian PhD and Early Career Workshop in Environmental Economics (Ottawa CANADA); Canadian Economics Association Annual Conference (Ottawa CANADA); Western Economic Association International meeting (Portland USA); University of Calgary (Calgary CANADA)

2015 – Institute of Environment, University of Ottawa* (Ottawa CANADA), Midwest Economic Association meeting (Minneapolis USA)

2014 – Environment Canada Research Network Research Symposium* (Ottawa CANADA); Canadian Resource and Environmental Economics Conference (Saskatoon CANADA); University of Calgary (Calgary CANADA)

AWARDS & HONORS

AWARDS:

Young Achievement Award, Society for Environmental Economics and Policy Studies	2023
Lasserre-Renzetti Prize for best student paper, Canadian Resources and Environmental Economics Association (CDN$500)	2018
Arthur J.E. Child Memorial Bursary In Economics, University of Calgary (CDN$14,000)	2018
SSHRC Pre-Doctoral Fellowship, Smart Prosperity Institute, University of Ottawa (CDN$25,000)	2018
Eyes High International Doctoral Scholarship, University of Calgary (CDN$12,000 × 3)	2013, 2015, 2017
Canadian Natural Resources Ltd Graduate Scholarship, University of Calgary (CDN$7,800)	2017
Best Paper Award, Canadian PhD and Early Career Workshop in Environmental Economics	2016
Thesis and Dissertation Research Grants, University of Calgary (CDN$1,548.89)	2016
James D. Gaisford Research Prize for the best second year paper, University of Calgary (CDN$1,000)	2015
Economics and Environmental Policy Research Network Research Grant (CDN$8,380)	2014
Econometrics Prize for the top student of Econ 615/715, University of Calgary (CDN$100)	2014
Chancellor's Challenge Graduate Scholarship, University of Calgary (CDN$5,000)	2013
Ph.D Graduate Scholarship, University of Calgary (total of CDN$116,000)	2012-2016

HONORS:

Reviewer Certificate, Canadian Journal of Economics	2024
Outstanding Publication (honorable mention), Journal of the Association of Environmental and Resource Economists	2020
Outstanding Reviewer Award, Journal of Environmental Economics and Management	2018
Dissertation Award (honorable mention), University of Calgary	2018
Departmental Citation, Economics, University of California, Davis	2009
Dean's list, University of California, Davis	2007-2009
Dean's list, City College of San Francisco	2005-2007

TEACHING

TEACHING (in English):

Environmental Economics (Undergraduate), McMaster University	Spring 2026 & 2027
Advanced Microeconomics I (Graduate - Ph.D), GRIPS	2019 – 2024
Advanced Microeconomics II (Graduate - Ph.D), GRIPS	2019 – 2024
Economics of Taxation (Graduate), GRIPS	2019 – 2024
Game Theory & Strategic Thinking for Social Science (Undergraduate), University of Calgary	2016

Guest Lectures:

Economic Analyses of Carbon Taxes, Public Economics (Undergraduate), University of Sydney	2025

UNIVERSITY SERVICES

Seminar Organizer, Graduate and Applied Microeconomics Seminar 2020 – present

Program Committee Member, Public Finance Program 2019 – present

Program Committee Member, Master's Program of Public Policy (One-year and Two-year) 2019 – present

Program Committee Member, Macroeconomic Policy Program 2019 – present

Deputy Director of Admission Office 2024 – 2025

Assistant Director of Policy Research Center 2024 – 2025

Associate Program Director of Master's Program of Public Policy 2023 – 2025

STUDENT ADVISING

Zhang Xu, Ph.D (supervisor), GRIPS, on-going

Giang H. Lam, Ph.D (supervisor), GRIPS, on-going

Komilovich I. Mukhamed, Ph.D (committee member), GRIPS, 2025

Degenet Shifraw, Ph.D (committee member), GRIPS, 2023

Abebe A. Ayana, Ph.D (committee member), GRIPS, 2022

Bayarbileg Altansukh, Ph.D (committee member), GRIPS, 2022 – Asian Development Bank

REFERRING

"$*$" indicates multiple reviews.

American Economic Journal: Economic Policy*, Journal of Public Economics, European Economic Review, Journal of the Association of Environmental and Resource Economists*, Journal of Environmental Economics and Management*, Canadian Journal of Economics*, Environmental and Resource Economics*, Contemporary Economic Policy*, Climate Change Economics, Climate Policy, Energy Economics*, Empirical Economics, International Journal of Sustainable Economy, Journal of Environmental Management

PROFESSIONAL SERVICES

Society for Environmental Economics and Policy Studies (SEEPS)

Annual Conference Programme Committee 2023, 2024

Selection Committee for Best Speed Talk Award 2023, 2024 (Chair)

ACTIVITIES

Co-founder of Japan-Tokyo Resource and Environmental Economics (J-TREE) Seminar Series 2021 – Present

President of Economics Graduate Association, University of Calgary 2014 – 2015

LANGUAGE

Japanese (Native); English (Fluent)

REFERENCES

Available upon Request

Last updated: November, 2026