

curriculum vitae of

Ayaka Murata Naganuma

CLIMATE CHANGE ADAPTATION · DISASTER AND CLIMATE RISK

ENVIRONMENTAL INEQUALITY · GOVERNANCE & POLICY

✉ ayaka-qc.github.io ✉ anagao26@uottawa.ca ☎ +81 80-3497-9545 ✉ ayaka-naganuma

◆ University of Ottawa, 120 University Private, Ottawa, Ontario, K1N 6N5

Education

09/24 - 08/26 (Expected)

University of Ottawa

Ottawa, Canada

Master of Arts in Public and International Affairs

Research Topic: "Post-Disaster Economic Dynamics: Evidence from a Major Natural Disaster in Canada".

Supervisor: **Nicholas Rivers**.

Relevant Courses: Research Method for Public Policy (A+), Concepts and Issues in International Affairs (A-), Ethics and Moral Reasoning (A-), Economics of the Environment, Quantitative Research Methods.

05/22 - 12/23

McGill University

Montreal, Canada

Continuing Studies in Professional Communication

Courses: Communication Practice 3 (A), Functional Writing 3 (A-).

04/13 - 03/17

Yokohama City University

Yokohama, Japan

Bachelor of Arts and Science in Global, Regional, and Urban Studies

Dissertation: "Overseas Expansion of small and medium-sized enterprises(SMEs) in Ota-ku, Tokyo: Foreign Direct Investment in Thailand and the Clustering of SMEs" (Evaluation: Excellent, A+).

Supervisor: **Eiichi Yoshida**.

Research Experience

10/24 - present

Global Infrastructure Fund Research Foundation Japan

Tokyo, Japan (Remote)

Visiting Fellow

Supervisors: **Dr. Mikiyasu Nakayama, Dr. Naori Miyazawa, and Ms. Akiko Sakamoto**.

Topic: Climate adaptation strategies and environmental migration in small island developing states.

Designing surveys; conducting statistical (e.g., significance testing, correlation, factor analysis, SEM) and causal analyses; and co-authoring research papers.

01/25 - 04/25

Broadbent Institute

Ottawa, Canada

Graduate Policy Researcher

Supervisor: **Mr. Clement Nocos**, Director of Policy and Engagement.

Topic: Labor Mobility and Just Transition in Canada's High-Emission Sectors.

Applied quantitative (e.g., correlation, PCA) and qualitative analysis to develop policy recommendations.

Produced a final research report and presented findings at the Progress Summit 2025.

08/24 - 09/24

University of Ottawa (Telfer School of Management)

Ottawa, Canada

Research Assistant

Supervisor: **Prof. Nelson Dueñas**.

Topic: Locally led international development: accounting and management in the Global South.

Conducted qualitative research on accountability in humanitarian support. Reviewed 50+ studies, developed a structured literature review, and created a research briefing to clarify practices for stakeholders.

04/23 - 08/24

Concordia University (Institute for Cultural-Clinical Psychology)

Montreal, Canada

Research Assistant

Supervisor: **Prof. Andrew G. Ryder**.

Topic: Acculturation, mental health, and social support among Japanese immigrants in Canada.

Conducted statistical modelling (XGBoost, decision trees) to analyze mental-health determinants; designed data-collection strategy that increased sample size fivefold.

04/22 - 03/24

Gakushuin University (Research Institute of Economics and Management)

Tokyo, Japan (Remote)

Research Assistant

Supervisor: **Prof. Takaho Ueda**.

Topic: Sustainable regional development and brand strategies.

Conducted literature reviews on the Territorial Approach in Italy and developing countries. Designed and executed case study research on bottom-up approaches for sustainable development and presented findings at academic conferences.

Professional Experience

04/26 - 07/26 (Expected)	UN-Habitat Canada Office Intern for Urban Data Collection and Analysis Collecting and analyzing data on urban sustainability, linking housing, land use, service delivery, climate change, biodiversity, and social equity for policy evaluation and recommendations. Managing databases to support knowledge sharing and engagement.	Montreal, Canada
10/25 - 03/26 (Expected)	United Nations Framework Convention on Climate Change Intern for the Adaptation Division, Vulnerability sub-division Conducting research on climate impacts, vulnerability, and adaptation, including contributions to the Integrated Knowledge System (IKS). Supporting the Lima Adaptation Knowledge Initiative (LAKI) and University Partnership through workshop coordination and stakeholder engagement. Assisting COP30 preparations under the Nairobi Work Programme.	Bonn, Germany (Remote)
01/23 - 03/23	United Nations Information Center Tokyo Strategic Communications Intern Led a successful International Women's Day social media campaign. Conducted quantitative surveys for UNIC-led climate action initiatives. Enhanced global media monitoring efficiency and managed social media content to raise public awareness of global issues.	Tokyo, Japan (Hybrid)
04/19 - 12/21	Relo Vacations, Ltd. Director of Brand Strategy / Sales Planning Team Manager / Revenue Manager Improved performance of multiple hotels through revenue management, marketing, and forecasting, leading to higher occupancy and profitability.	Tokyo, Japan
04/17 - 03/19	Kanagawa Prefectural Government Public Servant, Private School Affairs Division Conducted audits for 300+ private and language schools and supported improvements in management and educational infrastructure.	Yokohama, Japan

Published Papers

1. **Ayaka Naganuma.** "Bridging the Transition: Labour Mobility and Workforce Adaptation in Canada's Just Transition." *Broadbent Institute Report*, April 2025.
2. **Ayaka Naganuma.** "The Loneliness Faced by Japanese Immigrants and the Importance of Mother Tongue Education and Community: Based on Articles from the North American Post in the 1950s." *JICA Academic Essay Contest Publication*, October 2024. (**Excellence Award**)

Selected Working Papers

*Denotes equal contribution.

1. **Naganuma, A.**, Uakeia, T., and Seru, J. "Heterogeneity in Climate Risk Perception and Rights-Based Protection: A Multi-Group Analysis in the Marshall Islands and Kiribati" *Journal of Disaster Research* (under review). Preprint PDF
2. Sakamoto, A., **Naganuma, A.**, and Kunitake, Y. "The Agent of Change: How the Migration Decision-Maker Shapes Elderly Life Satisfaction in Hulhumalé, Maldives." In preparation for the *Journal of Disaster Research* (planned submission: January 2026).
3. **Naganuma, A.** "Causal Effects of Workplace Safety Regulation on Employment and Wages: Evidence from California's Heat Illness Prevention Standard." Preprint; SSRN submission pending approval. PDF
4. **Naganuma, A.** "Impact of the EU's Carbon Border Adjustment Mechanism and Canada's Carbon Pricing: A Partial-Equilibrium Approach to Canada's Steel Sector." Preprint; SSRN submission pending approval. PDF
5. **Naganuma, A.** "Post-Disaster Economic Dynamics After the 2016 Fort McMurray Wildfire: Evidence from a Difference-in-Differences Analysis." In preparation as part of Master's Thesis.

Selected Presentations

1. "Loneliness and Mother-Tongue Education among Japanese Immigrants" **JICA Yokohama Overseas Migration Museum Online Seminar**, Excellence Award Lecture. (Online, 12/25)
2. "Bridging the Transition: Labour Mobility and Workforce Adaptation in Canada's Just Transition." **Broadbent Institute Progress Summit 2025**, Workshop on Green Industrial Policy. (Ottawa, Canada, 04/25)
3. "Review of Research on Social Support Needs and Sources." **Joint Research Presentation, Concordia University and ISCTE-IUL**. (09/23)
4. "Italy's Territorial Approach and the Commercialization of Rural Area: A Case Study of Mount Amiata in Italy." **Gakusyuin University Institute of Economic Research**. (06/23)

Other Research Presentations

- "Assessing Environmental Inequality in Air Pollution Exposure: Preliminary Spatial Analysis for Montreal." University of Ottawa, Quantitative Research Methods final presentation. (11/25) [Presentation Available Here](#)

Selected Honors, Grants, and Fellowships

09/25 - 08/26	Japanese Government Fellowship	JAPAN STUDENT SERVICES ORGANIZATION
2025	GSPIA Imagination Scholarship 2025 ¹	UNIVERSITY OF OTTAWA, GSPIA ²
09/24-12/25	Scholarship for International Students (CUPE Local 2626)	UNIVERSITY OF OTTAWA
2024	Excellence Award, Academic Essay Contest on Japanese Emigration	JICA ³

Professional Activities & Volunteering

10/24 - 11/24	UN ESCAP (via UNV Online)	Remote
	Data Analyst	
	Analyzed Voluntary National Review (2016–2024) data to identify key trends and patterns.	
09/24 - 10/24	Southern Africa Embrace Foundation (via UNV Online)	Remote
	Fundraising Coordinator	
	DDeveloped a concept note and fundraising strategy for the foundation's education program.	
03/24 - 06/24	UPG Sustainability Leader 2024	Remote
	Sustainability Leader (Class of 2024 with Distinction)	
	Selected from over 13,000 applicants for a global UN SDG leadership program; first Japanese participant.	
02/24	OECD Youth Consultation - Asia-Pacific	Remote
	Asia-Pacific Youth Representative	
	Provided youth input to OECD policy discussions on social inclusion.	
06/13 - 09/14	Christian Mission Service Philippines	Naic, Philippines
	Volunteer	
	Produced educational programs for marginalized children and implemented financial support.	

Skills & Certifications

Languages: Japanese (Native), English (Advanced – IELTS 7.0), French (Basic)

Technical Skills: Causal Inference (DiD, Event Study); Applied Quantitative Analysis (Statistics, Econometrics, ML); Spatial and Environmental Data Analysis; Qualitative Research; Policy Analysis; Project Management

Programming & Software: Python (pandas, scikit-learn, PyTorch), R, Stata, L^AT_EX, NVivo

¹Graduate School of Public and International Affairs

²Awarded to one student in the English-language cohort of the GSPIA Master's program. See: 2025 GSPIA Imagination Scholarship Recipients.

³Japan International Cooperation Agency