curriculum vitæ of

Ayaka Murata Naganuma

CLIMATE ADAPTATION · DISASTER RECOVERY · EQUITABLE URBAN PLANNING

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

Education

09/26 - 08/31 (Expected) **University of Washington** Seattle, United States

Interdisciplinary PhD in Urban Design and Planning

Supervisors: **Daniel Abramson**, **Rachel Berney**, **Jan Whittington**

09/24 - 08/26 **University of Ottawa** Ottawa, Canada

Master of Arts in Public and International Affairs

Supervisor: **Nicholas Rivers**.

04/13 - 03/17 **Yokohama City University** Yokohama, Japan

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

Supervisor: **Eiichi Yoshida**.

Research Experience

10/24 - 07/26 **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.

Designs surveys; conducts 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

10/25 - 03/26 **United Nations Framework Convention on Climate Change** Bonn, Germany (Remote)

Intern for the Adaptation Division, Vulnerability sub-division

Conducts research on climate impacts, vulnerability, and adaptation, including contributions to the Integrated Knowledge System (IKS). Supports the Lima Adaptation Knowledge Initiative (LAKI) and University Partnership through workshop coordination and stakeholder engagement. Assists COP30 preparations under the Nairobi Work Programme.

01/23 - 03/23 **United Nations Information Center Tokyo** Tokyo, Japan (Hybrid)

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.

04/19 - 12/21 **Relo Vacations, Ltd.** Tokyo, Japan

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.

04/17 - 03/19 **Kanagawa Prefectural Government** Yokohama, Japan

Public Servant, Private School Affairs Division

Conducted audits for 300+ private and language schools and supported improvements in management and educational infrastructure.

Peer-Reviewed Journal Articles

1. **Naganuma, A.**, Seru, J., and Uakeia, T. "Heterogeneity in Climate Risk Perception and Rights-Based Protection: A Multi-Group Analysis in the Marshall Islands and Kiribati." *Journal of Disaster Research*, 21(4), 676–688, 2026. https://doi.org/10.20965/jdr.2026.p0676
2. Matsumoto, S., **Naganuma, A.**, Seru, J., and Uakeia, T. "Navigating the "Right to Stay": A Comparative Analysis of Perceptions on Climate Adaptation in Kiribati and the Marshall Islands." *Journal of Disaster Research*, 21(4), 665–675, 2026. https://doi.org/10.20965/jdr.2026.p0665
3. Sakamoto, A., Laila, A., **Naganuma, A.**, Nishimura, T., and Rasheed, S. "Association of Urban and Economic Foundations with Post-Migration Life Satisfaction in the Maldives: Evidence from Voluntary Migrants to Hulhumalé." *Journal of Disaster Research*, 21(4), 729–741, 2026. https://doi.org/10.20965/jdr.2026.p0729
4. Sakamoto, A., Kunitake, Y., Laila, A., **Naganuma, A.**, and Rasheed, S. "Agent of Change: How Migration Decision-Making Relates to Post-Migration Well-Being Among Older Adults in Hulhumalé, Maldives." *Journal of Disaster Research*, 21(4), 742–756, 2026. https://doi.org/10.20965/jdr.2026.p0742

Reports and Other Publications

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

1. **Naganuma, A.** "Causal Effects of Workplace Safety Regulation on Employment and Wages: Evidence from California's Heat Illness Prevention Standard."

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)

Selected Honors, Grants, and Fellowships

09/26 - 08/29 **Japanese Government Fellowship - PhD program** Japan Student Services Organization

09/25 - 08/26 **Japanese Government Fellowship - Master's program** 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
Developed 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.

Skills & Certifications

Languages: Japanese (Native), English (Professional Proficiency), 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, Sas, SQL, LaTeX, NVivo

[1] Graduate School of Public and International Affairs

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

[3] Japan International Cooperation Agency