

Sevde Arpacı Ayhan

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EDUCATION

PhD in International Studies , Seoul National University, South Korea	February 2023
<i>Primary Fields:</i> Development Economics, Environmental Economics, Political Economy	
<i>Dissertation:</i> Essays on Economic and Green Innovation: Roles of Foreign Aid, R&D, and Environmental Policies	
M.I.S. in International Cooperation , Seoul National University, South Korea	February 2016
B.Sc. in Physics , <i>Minor in Computational Physics</i> , Bogazici University, Turkey	February 2012

ACADEMIC APPOINTMENTS

Lecturer , School of Global Services, Sookmyung Women's University	2021-2022
<ul style="list-style-type: none">• Taught a graduate course on Quantitative Research Methods, including statistics and econometrics• Received an evaluation of 4.5/5• Facilitated learning through various modalities, established and assessed short- and long-term goals, provided feedback in 1:1 meetings and written reports, adapted timelines, and managed curricula• Mentored students in idea generation, causal inference, and building semester-long independent research	
Visiting Scholar , Elliott School, George Washington University	July – August 2018
<ul style="list-style-type: none">• Conducted empirical research: “The Impact of China on the US’ Foreign Aid to Sub-Saharan Africa”• Collaborated with the experts, professors, and ambassadors at the GWU and broader DC area	

INTERNSHIPS

Intern, Global Green Growth Institute	September – November 2019
<ul style="list-style-type: none">• Researched on the Member and Partner Countries’ Nationally Determined Contributions<ul style="list-style-type: none">○ Estimated the carbon emission reduction through the additional installments of renewables; and estimated the required financing to meet the renewable energy targets○ Co-authored this research for the journal publication	
Intern, United Nations International Children’s Emergency Fund	February – May 2017
<ul style="list-style-type: none">• Researched on the global best practices of child-responsive budgeting• Presented relevant policy suggestions for the Korea National Committee	
Intern, United Nations Project Office on Governance	April – July 2016
<ul style="list-style-type: none">• Researched on disaster risk management in Small Island Developing States (SIDS); provided qualitative information and inputs for the official reports• Helped the team to organize a workshop in Seoul between Korean and SIDS government officials	

RESEARCH AND DATA ANALYSIS

Doctoral Researcher , Graduate School of International Studies, Seoul National University	2016-2022
<i>Foreign Aid as Catalyst for Improving Productive Capabilities in Recipients</i>	
<ul style="list-style-type: none">• Methods: OLS (baseline), 2SLS and GMM with instrumental variables (causal inference)• Impact: Policy implications for donor countries and organizations regarding the continuation of aid provision• Published by the Journal of International Development (SSCI with IF 1.5). https://doi.org/10.1002/jid.3706	
<i>R&D Expenditure, Resource Endowment, and Economic Complexity</i>	
<ul style="list-style-type: none">• Methods: OLS (baseline), GMM (dynamic model)• Impact: Policy implications for both public and private sectors to exceed the threshold spending on R&D to achieve economic diversification and sophisticated production• This work is currently under review	
<i>Environmental Policies, Institutional Quality, and Green Innovation</i>	
<ul style="list-style-type: none">• Methods: Poisson & Negative Binomial (baseline), Presample mean scaling estimator (fixed effects), Control function approach (causal inference)• Impact: Policy implications for governments to establish stringent environmental policies and strengthen the bureaucratic quality for the successful implementation of environmental policies in the long-term• Working paper is available here.	

PRESENTATIONS & CONFERENCES

Trans-Pacific Sustainability Dialogue South Korea, October 2022: “Environmental Policies, Institutional Quality and Green Innovation”

ISA (Online), April 2021: “Is the New Developmentalism Green? Application of Developmental State Model on the Green Transformation”

ISA Singapore, July 2019: “Economic Complexity and Economic Growth: Empirical Evidence”

ISA Canada, March & **MPSA** Chicago, April 2019: “Does Foreign Aid Affect Economic Complexity of Recipients?”

Media Lab, MIT Massachusetts, August 5-7, 2018

Three days workshop on Economic Complexity, Innovation and Geography

Poster presentation on ‘Linking Aid, Growth and Economic Complexity of Recipients’

IPSA Australia, July 2018: “US and China’s Foreign Aid to Sub-Saharan Africa”

RELEVANT SKILLS

Technical Skills

- **Software:** Stata, R/R Studio, L^AT_EX
- Data collection, data management
- Statistical modeling, econometric analysis, and policy analysis
- Data visualization, creating presentations and writing scholarly manuscripts

Languages

- Turkish (native), English (fluent-professional), Korean (advanced), French (beginner)

AWARDS

Graduate Student Best Paper Award, International Studies Association Women’s Caucus 2019

Global Women Leaders Fellowship Award, SNU Women Faculty Council 2018

Silk-Road Scholarship (both master’s and doctoral programs) 2013, 2016

CERTIFICATES & TRAININGS

SICSS Korea, *Participant*, The Summer Institutes in Computational Social Science June 2022

MITx, *Course Certificate*, Data Analysis for Social Scientists by Prof. Esther Dufló June 2021

World Bank, DIME, *Online participant*, R-course for Advanced Stata Users April 2019

SERVICE TO PROFESSION

Referee International Economic Journal