

Mi Rang Gang

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Education

Seoul National University, Seoul, Korea Mar, 2016 – Feb, 2026

Ph.D. in Environmental Management (Dept. of Environmental Planning)

Dissertation: "Challenges of Governance in Implementing Climate Policies: Multi-level Analysis in Sub-Saharan Africa"

Chung-Ang University, Seoul, Korea Mar, 2012 – Aug, 2014

M.A. in Economics | GPA: 4.41/4.5

Thesis: "Cost-Benefit Analysis of REDD+ projects in Tanzania"

University of California Santa Cruz, CA, USA Sep, 2008 – Jul, 2009

Student Exchange Program for one full academic year

Sungkyunkwan University (SKKU), Seoul, Korea Mar, 2006 – Feb, 2010

B.A. in Economics / Minor: International Commerce and Trade | GPA: 3.82/4.5

Professional Work Experience

Senior Researcher (EPC Team), SNU Climate Tech Center, Seoul, Korea Aug, 2026 – Present

- EPC pilot methodology design and quantitative performance analysis
- Climate technology diffusion policy research and technology-policy linkage framework development

Senior Researcher, Korea Forestry Promotion Institute, Seoul, Korea July, 2010 – July, 2026

- Global Capacity Building: Developed and executed international training programs and capacity-building initiatives for forest officials and students from developing countries; established a post-training alumni network to foster long-term global partnerships.
- International Project Management: Directed REDD+, ODA, and afforestation projects in China (desertification), New Zealand, Paraguay, and the Philippines, providing critical technical feasibility studies and strategic analysis.
- Strategic Policy & Forums: Spearheaded the "Green Korea Expert Forum" focused on North Korean reforestation and organized international workshops on South Korea's Saemaul Undong movement and its impact on forest restoration policy.
- Diplomatic Representation: Served as the agency's official representative in high-level bilateral meetings (Australia, NZ, Philippines) and was invited as a speaker/expert to the Oslo REDD Exchange 2016.
- Administrative Leadership: Managed strategic operations for the Board of Directors and led public relations (PR) initiatives to enhance organizational visibility and stakeholder engagement.

Publications

Peer-Reviewed Journal Articles (Published)

- Gang, M.R., Kim, J., & Jung, S. (2022). A Post-Evaluation of the Yeongju Dam Project Considering Externalities. *Korean Governance Review*, 29(2), 95-116.
- Gang, M.R. & Lee, S. (2024). Empirical Analysis of Environmental Justice Issues in REDD+ Projects: Focusing on Cases in Tanzania. *Journal of African Studies*, 71, 81–114.

Under Review

- SSCI(Q1): 3 papers, 1st author
- Scopus: 1 paper, corresponding author
- KCI: 1 paper, 1st author

Working paper

- Economic Feasibility of REDD+ Pilot Projects in Tanzania: An Ex-post Total Economic Value Assessment: 1st and corresponding author
- Income Recovery Pathways of Households with Disabilities after COVID-19: Focusing on the Decomposition of Market Income and Public Transfer Income: 2nd author

Research Projects

- Climate Tech Valuation-Based EPC Pilot and Institutionalization Study (Client: Center for Social value Enhancement Studies. 2026.07-2026.12
- Feasibility Study on the Korea-Laos REDD+ Joint Project (Client: Korea Forest Service), 2017.09–2017.12

- Feasibility Study for Developing Philippine Forest ODA Project (Client: Korea Forest Service), 2016.04–2016.12
- Development of Green Climate Fund Funding Proposal for Myanmar (Client: Korea Forest Service), 2015.06–2015.11
- Feasibility Study on the Korea-Laos REDD+ Joint Project (Client: Korea Forest Service), 2015.06–2015.12
- Feasibility Study for Developing Philippine Forest ODA Project (Client: Korea Forest Service), 2015.04–2015.12
- Forest Carbon Stock Survey on the Korea-Myanmar REDD+ Joint Project (Client: Korea Forest Service), 2014.06–2014.12

Academic Presentations (Selected)

- Gang, M.R. (2025, Jun). "Exploring Climate-Conflict Dynamics: A Mixed-Methods Approach in the Lake Chad Region". AERE 2025 Summer Conference, New Mexico.
- Gang, M.R. (2025, Jun). "Inequality and Just Transition in the Introduction of Climate Technology: Centering on the Improved Cook Stove Cases in Malawi and Mozambique". Korea Society of Climate Change Research.
- Gang, M.R. (2024, Mar). "How to promote REDD+ in Africa: Cost-Benefit Analysis of Tanzanian Projects". 2024 Annual Conference of the Society for Benefit-Cost Analysis, Washington D.C.
- Gang, M.R. (2024, Jun). "Empirical Analysis of Environmental Justice Issues in REDD+ Projects". 13th Conference of the United States Society for Ecological Economics, New York.
- Gang, M.R. & Lee, S. (2024, Jul). "Empirical Analysis of Environmental Justice Issues in REDD+ Projects - Focusing on Tanzanian REDD+ Projects". Korea Association of Development and Economic Policy (KADEP) - KIEP Joint Summer Conference.
- Gang, M.R. (2024, Aug). "What determines Happiness in a household? A sustainable cities and communities perspective (SDG11)". 13th Congress of the Asian Association of Environmental and Resource Economics (AAERE), Hsinchu.
- Gang, M.R. (2024, Feb). "Analysis of the Impact of Local Government's Climate Change-Related Budget on Local Residents' Climate Change Perception". 2024 Winter Conference of the Korean Association for Financial Administration.
- Gang, M.R. (2023, Aug). "A Study on Cost Benefit Analysis of REDD+ projects in Tanzania". 12th Congress of the Asian Association of Environmental and Resource Economics (AAERE), Waseda University, Japan.

Academic Service

- Reviewer, Association of Environmental and Resource Economists (AERE) 2025 Summer Conference
- SDG Advisor, Korea Environment Institute (KEI) — National Sustainable Development Research Center (2026)

Teaching Experience

- Invited Guest Lecturer, Seoul National University, International Forest Governance (April 28, 2022)
- Lecture on Climate Crisis and Carbon Neutrality, Gwangyang Jecheol High School (2022, 2025)
- Lecture, Incheon Inseong Girls' High School, Climate Crisis and Carbon Neutrality (May 10, 2022)
- Lecture, Anyang YMCA Eco-Designer Training Program (2018)
- Lecture, Domestic REDD+ Expert Training Program (2018)
- Lecture on Overseas Forest Projects for Overseas Forest Interns (2014–2017)

Technical Skills

- Quantitative Analysis: Econometrics, Cost-Benefit Analysis, Data Analysis (Stata, R, Python)
- Mixed Methods Research: Fieldwork, Qualitative and Quantitative Integration
- Climate Project Management: REDD+, ODA, Feasibility Studies, International Collaboration
- Certification: Licensed Engineer for Greenhouse Gas Management (Korea)
- Languages: Korean (native), English (fluent)

Honors and Awards

- Excellence Award, 2024 German Embassy-SNU Global Sustainability Student Conference (Nov, 2024)
- Grand Prize, "2050 Future-being: AI and Our Life Scenario Contest" (Oct, 2024)
- Encouragement Award, The 4th Forest and Sharing Environmental Academic Forum (Nov, 2022)
- Best Poster Paper Award, Korea Society of Climate Change Research (Jun, 2018)
- Award for Best Employee of the Year, Korea Green Promotion Agency (2012, 2014)
- Award for Excellence in Social Activity, Sungkyunkwan University (2009)
- Award for Creating Policy for Youth, University Student Advisory Committee of Policy (2007)

Media Appearances

- TV Interview, MBC News, March 3, 2025. Presented cost-benefit findings regarding the Yeongju Dam on national TV.