

Minji Jeong

Summary of Qualifications

- Ten years of energy and environmental policy/research/industry experience
- Expertise and experience in quantitative and qualitative research methods
- Project management experience and strategic analysis skills

Education

University of Maryland, College Park, MD May 2017
Ph.D., Environmental Policy
Dissertation: “National Renewable Energy Policy in a Global World”
(Chair: Dr. Nathan Hultman)

Seoul National University, Seoul, South Korea Feb. 2012
M.C.P., Environmental Management
Thesis: “A Commodity Chain of Certified Emission Reductions and Hierarchies of the Global Carbon Market” (Chair: Dr. Sun-Jin Yun)

Yonsei University, Seoul, South Korea Feb. 2002
B.B.A., Business Administration
B.A., Applied Statistics

Research Experience

Graduate Research Assistant Sep. 2016 – May 2017
Sep. 2012 – May 2014

School of Public Policy, University of Maryland, College Park
Policy for low-carbon technology: PV & Wind in India, Brazil, South Korea, and South Africa

- Developed the interview protocol for data collection.
- Interviewed with the representatives of 40 solar PV/wind energy firms in South Korea.
- Conducted a Web survey of solar PV and wind firms.
- Identified the determinants of firm investment decisions in South Korea by using both quantitative and qualitative methods.

Research Assistant Jun. 2014 – Aug. 2016

*Joint Global Change Research Institute (Pacific Northwest National Laboratory/
University of Maryland, College Park)*

International climate change mitigation project

- Analyzed and quantified climate mitigation plans of the Intended Nationally Determined Contributions from 161 countries submitted to the UNFCCC.
- Researched reference projections of greenhouse gas emissions from international and domestic modeling community in 11 major countries.
- Analyzed the key drivers of baseline greenhouse gas emissions in China, Mexico, and South Korea.

Other research projects

- Researched and reviewed the literatures on the feasibility of deep decarbonization in a global- and national-level.
- Investigated historical cases of energy technology penetration to assume the penetration rate of CCS technology.
- Supported modeling the U.S. energy and climate system by researching the U.S. climate mitigation policies and the assumptions of other modeling communities.

Graduate Research Assistant

Oct. 2010 – Oct. 2011

Graduate School of Environmental Studies, Seoul National University

A Comparative Study on Nuclear Policy Development in South Korea, and Japan

- Researched the history of nuclear power policies in South Korea, and Japan.
- Analyzed the social construction of nuclear technology in South Korea, and Japan.
- Investigated the construction of risks of spent nuclear fuel in South Korea, and Japan.

Professional Experience

Manager of Environmental Management

Jan. 2010 - Feb. 2010

Assistant Manager of Environmental Management

Mar. 2006 - Dec. 2009

Strategic Planning Analyst

Jan. 2002 – Feb. 2006

SK Energy co., LTD., Seoul, South Korea

- Developed the company's position on proposed climate change legislations and evaluated possible impacts on the organization.
- Devised corporate climate change strategies such as greenhouse gas emission-reduction plan and carbon business development plan.
- Managed the project to establish the company's greenhouse gas inventory system and the nation's first internal greenhouse gas emission trading system funded by the Ministry of Trade, Industry, and Energy.
- Led the project to support developing countries (Vietnam, Malaysia, and Thailand) to respond to climate change funded by the Ministry of Trade, Industry, and Energy.

- Organized supply chain environmental management project in petrochemical industries funded by the Ministry of Trade, Industry, and Energy.
- Developed mid- and long-term strategic business plans, financial projections and new business development plans.

Publications

Fawcett, A.A., Iyer, G.C., Clarke, L.E., Edmonds, J.A., Hultman, N.E., McJeon, H.C., Rogelj, J., Schuler, R., Alsalam, J., Asrar, G.R., Creason, J., **Jeong, M.**, McFarland, J., Mundra, A. and Shi, W. (2015). Can Paris pledges avert severe climate change? *Science*, 350(6265), 1168-1169.

Iyer, G.C., Edmonds, J.A., Fawcett, A.A., Hultman, N.E., Alsalam, J., Asrar, G.R., Calvin, K.V., Clarke L.E., Creason, J., **Jeong, M.**, Kyle, P., McFarland, J., Mundra, A., Patel, P., Shi, W. and McJeon, H.C. (2015). The Contribution of Paris to Limit Global Warming to 2 °C. *Environmental Research Letters*, 10(12), 125002.

Yun, S., Kim, S., and **Jeong, M.** (2011), Similarities and Differences of Development Paths of the Nuclear Technological Systems of Japan and Korea: Focused on the concepts of momentum and reverse salients, *ECO: The Korean Journal of Environmental Sociology*, 15(2), 147-195. (in Korean)

Jeong, M. (2010), Seeing and Reversing the Political Economy of Climate Change (Book Review), *ECO: The Korean Journal of Environmental Sociology*, 14(2), 253-261. (in Korean)

Skills

Research tools and computing: STATA, SPSS, NVivo, UCINET, and Microsoft Office
 Languages: Korean (Native), English (Proficient)

Honors and Awards

Graduate Assistantship, School of Public Policy, University of Maryland, College Park, 2012-2017.

Distinguished Thesis Award, Graduate School of Environmental Studies, Seoul National University, Feb. 2012.

Graduate School of Environmental Studies Alumni Scholarship (1st semester, 2011), Seoul National University, Mar. 2011.

Superior Presentation Award, 2011 Spring Conference of Korea Environmental Policy and Administration Society, Feb. 2011.

The Knowledge Economy Minister's Award for Excellence in Climate Change Mitigation, Feb. 2009.