
JONGYEARN (JON) LEE

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POSITION

Associate Professor, KDI School of Public Policy and Management (2018-present)
Field Chair, Master in Intellectual Property and Development Policy (MIDP) Program, KDI School of Public Policy and Management (2024-present)

FIELDS OF INTEREST

Industrial Organization, Applied Microeconomics, Public Economics, and Regional Economics
Topics: Cost-Benefit Analysis, Public Investment Management, Public-Private Partnerships (PPP), Infrastructure, Regulatory Reforms, Regional Development, Environment, and Culture & Tourism

EDUCATION

Ph.D., Economics, University of Michigan-Ann Arbor (2012)
M.A., Statistics, University of Michigan-Ann Arbor (2009)
M.A., Economics, University of Michigan-Ann Arbor (2007)
M.S., Management Science and Engineering, Stanford University (2005)
M.A., Technoeconomics and Policy, Seoul National University (2001)
B.S., Chemistry (major) and Industrial Management (minor), Korea Advanced Institute of Science and Technology (KAIST), *Cum Laude* (1999)

PREVIOUS POSITIONS

Visiting Professor, Théorie Économique, Modélisation et Applications (THEMA), CY Cergy Paris Université (2021-22)
Adjunct Fellow, Department of Public Finance and Social Policy, Korea Development Institute (KDI), (2018)
Assistant Professor, KDI School of Public Policy and Management (2016-18)
Director, Analysis & Evaluation, Centre for Regulatory Studies, KDI, (2015-18)
Fellow, Public & Private Infrastructure Investment Management Center (PIMAC), KDI (2012-15)
Evaluator on Regional Industry Promotion Plan, Ministry of Trade, Industry, and Energy of Korea (2014)

Instructor, KDI School of Public Policy and Management (2014-15)
Instructor, Graduate Program in Technology Policy, Yonsei University (2014)
Graduate Student Research Assistant, Rackham Graduate School, University of Michigan (2007-12)
Graduate Student Instructor, Department of Economics, University of Michigan (2006-07)
Research Assistant to Professor Yoonseok Lee (Summer 2007)
Research Assistant to Professor Tilman Börgers (Summer 2006)
Invited Researcher, Science and Technology Policy Institute (2005)
Instructor, Technoeconomics and Policy Program, Seoul National University (1999)

PUBLICATIONS

- Lee, J., 2022, "Efficiency or Equity? Determinants of Regional Allocation of Infrastructure Investment in the Republic of Korea," *Korean Economic Review*, 38(1), pp. 73-108.
- Lee, J., 2020, "Trick or Treat? Equity Concerns in the Preliminary Feasibility Study of the Republic of Korea," *KDI Journal of Economic Policy*, 42(4), pp. 91-116.
- Lee, J., 2019, "Easier Set Than Done: Stakeholder Engagement as Public-Private Partnership in Regulatory Policy of South Korea," *KDI Journal of Economic Policy*, 41(3), pp. 39-75.
- Lee, J., 2018, "Applying a New Approach to Estimate the Net Capital Stock of Transport Infrastructure by Region in South Korea," *KDI Journal of Economic Policy*, 40(2), pp. 23-52.
- Lee, J., 2016, "Income and Distance-Decay Effects on Willingness to Pay Estimated by the Contingent Valuation Method," *Journal of Environmental Planning and Management*, 59(11), pp. 1957-1981.
- Lee, J., 2014, "Calculation of Total Benefit by the Contingent Valuation Method for Cost-Benefit Analysis: Focusing on Income and Distance-Decay Effects," *KDI Journal of Economic Policy*, 36(1), pp. 43-80.

POLICY RESEARCH

- In-depth Evaluation on Individual Consumption Tax Reductions for Hybrid Cars, Electric Cars, and Hydrogen Electric Cars*, 2024, Ministry of Economy and Finance (MOEF).
- Research on Restructuring Measures to Improve the Efficiency of Programs Responding to Low Birth Rates*, 2024, Presidential Committee on Aging Society and Population Policy.
- A Study on Ways to Improve the Operation of the Winter Olympic Venues*, 2024, Ministry of Culture,

Sports and Tourism (MCST)/Gangwon Province.

“Assessment of Local Fiscal Sustainability” in *Policy Strategies for Sustainable Regional Development*, Research Monograph, 2020, KDI.

A Study on Improvement Measures for Analysis of Regional Backwardness in the Feasibility Study, 2020, MOEF.

Preliminary Feasibility Study on Yangju Art Center, 2020, MOEF.

A Study on Effective Post-utilization Plan of Olympic Venues, 2019, MCST.

“Strengthening Public-Private Partnerships for Enhancing Regulatory Effectiveness” in *Enhancing Public-Private Partnerships for Social Innovation*, Research Monograph, 2018, KDI.

“Regulatory Reforms for Vitalizing Regional Economy” in *Impacts and Strategies of Regional Industrial Restructuring*, Research Monograph, 2017, KDI.

“Korean Practices and Challenging Issues in Regulatory Impact Analysis” in *Improving Regulatory Governance: Trends, Practices and the Way Forward*, 2017, Organisation for Economic Co-operation and Development (OECD)/KDI.

“Improvement Tasks for Smart Healthcare Foundation: Focusing on Standardization and Exchange of Healthcare Information” in *ICT Convergence and Institutional Improvement: Policy Tasks by Major Issues and Fields*, 2017, National Research Council for Economics, Humanities, and Social Sciences (NRC).

“Regional Allocation of Public Investment with Respect to Efficiency and Equity” in *Public Investment for Enhancing Productivity*, Research Monograph, 2017, KDI.

Study on Establishment of the 2nd Basic Plan for Cooperatives, 2016, Ministry of Strategy and Finance (MOSF).

Study on Vitalizing Carbon Permit Auctions and Trading Markets, 2016, Ministry of Environment.

Valuing Public Goods Using the Life Satisfaction Approach, Research Monograph, 2015, KDI.

In-depth Evaluation of Budgetary Program on the Official Development Assistance Projects in Korea, 2015, MOSF.

Study on the Sectoral Guidelines for Preliminary Feasibility Studies for Culture and Tourism Projects, 2015, KDI.

Strengthening the Management of Public Investment: Korean and International Experiences, 2015, KDI.

Performance Evaluation and Strategy Establishment for Regional Industrial Policy, 2015, Ministry of Trade, Industry and Energy.

Study on Evaluating Risk Factors of Overseas Projects: Focusing on Power Projects, 2015, KDI.

Reassessment Study of Feasibility on National Aviation Museum, 2015, MOSF.

Preliminary Feasibility Study on National Museum Complex, 2015, MOSF.

The Preliminary Feasibility Study in South Korea: An Assessment and International Comparison for Future Development, 2014, OECD/KDI.

Regional Allocation of Infrastructure and Pork Barrel, Policy Study, 2014, KDI.

Preliminary Feasibility Study on National Art Center, 2014, MOSF.

Preliminary Feasibility Study on Tourism Projects in Abandoned Mines-Neighboring Area, 2014, MOSF.

A Study on Improvement of Regional Under-developedness Index, Policy Study, 2013, KDI.

Comprehensive Evaluation on Public-Private Partnerships in Korea, 2013, MOSF.

A Study for Establishing Visions for 2018 PyeongChang Winter Olympics, 2013, NRC.

Preliminary Feasibility Study on Vietnam Nam Dinh 1 Thermal Power Plant, 2012, MOSF.

A Study for Provision of Operation Guidelines for Market Testing, 2012, MOSF.

A Study on Improving Capacity of Venture Capital for Technology Valuation, 2005, Science and Technology Policy Institute.

POLICY CONSULTATIONS

Macro and Fiscal Review of the Kingdom of Saudi Arabia, 2020, KDI.

“Lessons and Implications from Korean Experience for Promoting the Tourism Industry of the Kurdistan Region” in 2020 Policy Consultation for the Kurdistan Regional Government I: Improving the Banking and Payment, Taxation System, Tourism Industry, and Industrial Investment, 2020, Korea National Oil Corporation.

Developing and Applying the Project Readiness Assessment and Due Diligence Methodology, 2018/19 Knowledge Sharing Program with Mongolia, 2019, MOEF/KDI.

Promoting the PPP Market along with Enhancing Fiscal Efficiency: Focusing on Government Support and Project Appraisal, 2017/18 Knowledge Sharing Program with Kazakhstan, 2018, MOSF/KDI.

Enhancing Capacities of Healthcare Industry in Costa Rica for Strengthening Globalization and Fostering Regional Economy, 2016/17 Knowledge Sharing Program with Costa Rica, 2017, MOSF/KDI.

Methodological Framework to Evaluate Public Investment Projects, 2015/16 Knowledge Sharing Program with Kuwait, 2016, MOSF/KDI.

WORKING PAPERS

- “Political Support and Voluntary Tax Compliance,” submitted.
- “With or Without You: A Heuristic Approach to Value Multiple Amenities by the Contingent Valuation,” submitted.
- “*Ex Ante* Evaluation of Publicly Provided Goods Using the Subjective Well-Being Data: The Case of Arboretums,” submitted.
- “Do the Days of Culture Nurture Expenditures on Motion Pictures?” revised September 2023.
- “Effects of Regulatory Changes on Direct to Consumer Genetic Testing Market: A Practical Cost-Benefit Analysis” (with *Kwangho Lee* and *Suil Lee*), revised January 2020.
- “Improvement and Validation of the Regional Development Index,” revised May 2016.
- “A Grouped Mixed Proportional Hazard Model with Social Interactions: Passage of the Motorcycle-Helmet-Use Law” (with *Yoonseok Lee*), revised June 2012.
- “When Consumers Are Fascinated by Brand-New Models: A Case of US Golf Drivers Market,” revised May 2012.
- “Estimation of Latent Dependent Variables in Dynamic Panel Data Models with Lagged Ranking as a Regressor”, revised May 2012.
- “Using the Contingent Valuation Method to Measure the Economic Damage to Coastal Environment by an Oil Spill: An Analysis of Statistical Models” (*Master's Thesis*), 2001.

WORK IN PROGRESS

- “Performance and Improvement Measures of Reassessment Study of Feasibility”
- “Fancy but Pricy Legacy: Valuing Olympic Venues Using the Choice Experiment” (with *Sungmin Han*)
- “*Recte et Fideliter*: Curbing Optimism Bias and Strategic Misrepresentation in Forecast” (with *Kangsoo Kim*)
- “Deregulation or Better Regulation? A Case Study on the Simplification of Driving Test in Korea”
- “Dynamics of Regional Inequality in Korea”
- “Centering Bias in Swing Weighting for the Contingent Valuation Method”

TEACHING EXPERIENCE

- KDI School of Public Policy and Management**
Advanced Quantitative Methods

- Knowledge Exchange: Challenges in Project Prioritization and Management of Pre-Investment in Infrastructure, Bogotá, Colombia (July)
- 2014: Challenges and Applications of Cost-Benefit Analysis for the Pre-Feasibility Study of Investments, Paris, France (November)
- Annual Conference of Korea Academic Association of Industrial Organization, Jeju, Korea (August)
- Economics Joint Conference of Korean Economic Association, Seoul, Korea (February)
- 2013: International Experience in the Mobilization and Utilization of Public-Private Partnership, Ha Noi, Vietnam (November)
- Ready for Take Off?: A High Level Conference on Kenya's Economic Successes, Prospects, and Challenges, Nairobi, Kenya (September)
- Financing Solutions for Fiscal Space and Investment Projects: The Role of Public-Private Partnerships, Rio de Janeiro, Brazil (June)
- Economics Joint Conference of Korean Economic Association, Seoul, Korea (February)
- The 5th Session of the UNECE Team of Specialists on Public-Private Partnerships, Geneva, Switzerland (February)
- 2012: SEPO Workshop on Public-Private Partnerships, Bangkok, Thailand (July)
- 2011: Industrial Organization Lunch Seminar, University of Michigan (x2)
- The 86th Annual Conference of Western Economic Association International, San Diego, CA (June)
- The 75th Annual Meeting of the Midwest Economics Association, St. Louis, MO (March)
- 2009: The 73rd Annual Meeting of the Midwest Economics Association, Cleveland, OH (March)

HONORS AND AWARDS

- Outstanding Service Award, KDI (2016)
- Rackham Travel Grant, Rackham Graduate School, University of Michigan (2009 and 2011)
- Summer Research Fellowship, Department of Economics, University of Michigan (2006 and 2007)
- National Scholarship, Ministry of Information and Communication of Korea (2003-05)
- Research Fellowship, Brain Korea 21 Foundation (1999-00)
- Scholarship for Academic Excellence, KAIST (1996-98)
- Scholarship for the Outstanding Students, Bank of Korea (1995-98)
- National Candidate for International Chemistry Olympiad, Korea Chemistry Society (1993-94)

REFEREEING

Korean Journal of Law and Economics; Asia-Pacific Journal of Public Health; Applied Economics; KDI Journal of Economic Policy; Korea Spatial Planning Review; Journal of Environmental Planning and Management; Journal of Environmental Management

CITIZENSHIP

Republic of Korea