

Resume (Name: Dongseok Kim)

Fields of Specialization

Research Areas

Econometric Analysis, Long-term Forecast, Productivity, Input-output Analysis

Courses Taught

Mathematics for Economists, Natural Resource Economics

Education

Feb. 1985 BA in Economics, Yonsei University, Korea
Feb. 1987 MA in Economics, Yonsei University, USA
Sep. 1996 Ph.D. in Economics, Stanford University, USA

Professional Experience

Sep. 1988 ~ Jun. 1989 Instructor, Yonsei University
Sep. 1993 ~ Jun. 1994 Research Assistant, Stanford University
Mar. 1996 ~ Jun. 1996 Lecturer, Stanford University
Sep. 1996 ~ Dec. 2016 Fellow, Korea Development Institute (KDI)
Sep. 1998 ~ Dec. 2001 Director, Information and Computing Center, KDI
Mar. 2004 ~ Aug. 2004 Head, Econometric Models Team, KDI
Aug. 2005 ~ Jul. 2006 Visiting Scholar, University of Washington
Jun. 2007 ~ Jan. 2010 Director, Office of Research Planning and Coordination, KDI
Jan. 2010 ~ Apr. 2011 Director, Department of Industry and Globalization, KDI
Mar. 2013 ~ Jun. 2013 Director, Office of Research Planning and Coordination, KDI
Jan. 2014 ~ Board Member, Korea Academic Society of Industrial Organization
Jul. 2013 ~ Senior Vice President, KDI
Jan. 2017 ~ Professor, KDI School of Public Policy and Management

Research Papers

Dissertations

Empirical Study on the Impact of Oil Shocks on Korea's Energy Demand, MA Dissertation (Advisor: Euisoon Shin), Department of Economics, Graduate School of Yonsei University, 1986 (in Korean).

Essays in Qualitative Response and Duration Analyses, Ph.D. Dissertation (Advisors: Takeshi Amemiya, Thomas E. MaCurdy, and Frank A. Wolak), Department of Economics, Stanford University, 1996.

Refereed Journal Publications

“Optimal Sizes of Environmental Treatment Facilities and Policy Implications,” *KDI Journal of Economic Policy*, Vol. 19, No. 2, 1997, pp.159~212 (in Korean).

“Environmental Regulation and International Competitiveness,” *KDI Journal of Economic Policy*, Vol. 19, No. 4, 1997, pp.97~158 (in Korean).

“Changes in Pollution Intensity and International Competitiveness: 1993~98,” *KDI Journal of Economic Policy*, Vol. 24, No. 1, 2002, pp.113~190 (in Korean).

“Economic Efficiency of Digital Library: A Case Study on the DLP of the National Digital Library,” co-authored with Dongho Jo and Youngman Ko, *Journal of the Korean Society for Information*

- Management*, Vol. 20, No. 4, 2003, pp.159~194 (in Korean).
- “Changes in the Weekly Working Hours and the Efficiency of Labor, 1963~2003,” *KDI Journal of Economic Policy*, Vol. 26, No. 2, 2004, pp.143~178 (in Korean).
- “Impact of Demographic Change on the Composition of Consumption Expenditure: A Long-term Forecast,” *Korea Development Review*, Vol. 28, No. 2, 2006, pp.1~50 (in Korean).

Other Publications

- “Oil Shocks and the Structural Change of Energy Demand,” in Euisoon Shin and et al., *Energy Demand and Production Factor Substitutability in Korea*, Korean Resource Economics Association, 1990 (in Korean).
- “Optimal Size of Waste Incineration Facility and Policy Recommendation for Waste Management,” KDI Policy Forum No. 134, Korea Development Institute, 1997 (in Korean).
- Corporate Distress: Reality and Evaluation*, co-authored with JoonKyung Kim and et al., mimeo, Korea Development Institute, 1998 (in Korean).
- “9. Environment,” in Youngsun Koh (ed.), *Major Policy Issues in Mid-term Fiscal Plan (1998~2002)*, KDI Policy Study 1999-06, Korea Development Institute, 1999 (in Korean).
- Policy Recommendations for Improving Korea's Law and Institution in Environment Management*, KDI Working Paper 1999-36, Korea Development Institute, 1999 (in Korean).
- “Technology Innovation and Diffusion,” in Gyeongjoon Yoo (ed.), *Study on Job Creation*, Bibong, 2000 (in Korean).
- Long-term Forecast of Industrial Structure using Multi-Sector Model*, co-authored with Jinmyeon Lee and Minsoo Kim, KDI Policy Study 2001-14, Korea Development Institute, 2001 (in Korean).
- Accounting for Economic Growth in Korea: 1963~2000*, co-authored with Jinmyeon Lee and Minsoo Kim, KDI Research Monograph 2002-06, Korea Development Institute, 2002 (in Korean).
- Forecast of Korea's Potential Growth Rate: 2003~2012*, co-authored with Chinhee Hahn, Kyungsoo Choi and Kyungmook Lim, KDI Policy Study 2002-07, Korea Development Institute, 2002 (in Korean).
- “A Generalization of the Nested Logit Model,” co-authored with Takeshi Amemiya, in Ingo Klein and Stefan Mittnik (eds.), *Contributions to Modern Econometrics: From Data Analysis to Economic Policy*, Kluwer Academic Publishers, 2002.
- “Purpose, Scope and Methodology of the Study,” co-authored with Cheonsik Woo, in KDI Knowledge Economy Team (ed.), *Comprehensive Study of Korea's Industrial Competitiveness*, KDI Research Monograph 2003-07, Korea Development Institute, 2003 (in Korean).
- “Structural Change of the Korean Economy and Industries,” in KDI Knowledge Economy Team (ed.), *Comprehensive Study of Korea's Industrial Competitiveness*, KDI Research Monograph 2003-07, Korea Development Institute, 2003 (in Korean).
- “Productivity Analyses,” in KDI Knowledge Economy Team (ed.), *Comprehensive Study of Korea's Industrial Competitiveness*, KDI Research Monograph 2003-07, Korea Development Institute, 2003 (in Korean).
- Analysis of Korean Industries' Structural Change using Time-Series Input-Output Tables*, KDI Policy Study 2003-02, Korea Development Institute, 2003 (in Korean).
- “ICT in Korea: Current Situation and Policy Direction,” in Seiichi Masuyama and Donna Vandenbrink (eds.), *Towards a Knowledge-based Economy*, ISEAS, 2003.
- “Structural Change of the Korean Economy,” in Gyeongjoon Yoo (ed.), *Structural Change of the Korean Economy and Job Creation*, KDI Research Monograph 2004-05, Korea Development Institute, 2004 (in Korean).
- “Population Aging and Potential Growth Rate,” in Hyungpyo Moon (ed.), *Population Aging and Macroeconomy*, Korea Development Institute, 2004 (in Korean).
- Growth Accounting by Sector and International Comparison*, KDI Policy Study 2004-07, Korea Development Institute, 2004 (in Korean).
- “Value-added Induced by Export: Analysis by Input-Output Tables,” *KDI Economy Outlook*, Vol. 21, No. 2, Korea Development Institute, 2004, pp.115~124 (in Korean).
- “Empirical Analysis on Polarization of Manufacturing Sector and Decreasing Sizes of SMEs,” in Jooheon Kim (ed.), *Role of SMEs in the Transition toward an Innovation-Driven Economy*, KDI Research Monograph 2005-05, Korea Development Institute, 2005 (in Korean).

- “Dispersion of Productivity in the Manufacturing Sector by Firm Size,” in Joohoon Kim (ed.), *Role of SMEs in the Transition toward an Innovation-Driven Economy*, KDI Research Monograph 2005-05, Korea Development Institute, 2005 (in Korean).
- Policy Directions toward a Resource-Saving Economy*, co-authored with Minsoo Kim, KDI Policy Study 2005-06, Korea Development Institute, 2005 (in Korean).
- “Macroeconomic Effects of Exchange Rate Appreciation and Oil Price Hike,” co-authored with Dongchul Cho, *KDI Economic Outlook*, Vol. 22, No. 1, Korea Development Institute, 2005, pp.139~149 (in Korean).
- “Equipment Investment: Trend and Implications,” co-authored with Kyungmook Lim, *KDI Economy Outlook*, Vol. 22, No. 2, Korea Development Institute, 2005, pp.141~152 (in Korean).
- “Restructuring SMEs after Economic Crisis: Focusing on the Experience during Economic Crisis,” co-authored with Joohoon Kim and Siwook Lee, KDI Policy Forum No. 216, Korea Development Institute, 2009 (in Korean).
- “Enhancing the Effectiveness of the Implementation of Economic Development Plans,” co-authored with Hyung Koo Lee, in *Policy Recommendations for Economic Development in Priority Areas of the Kingdom of Saudi Arabia* (2010 KSP with Saudi Arabia), Ministry of Strategy and Finance and Korea Development Institute, 2011.
- “Soundness of Firms and Economic Crisis,” in Dongchul Cho and Hyun-Wook Kim (eds.), *Korea's Capacity to Cope with Crises in a Globalized Environment*, KDI Research Monograph 2011-03, Korea Development Institute, 2011 (in Korean).
- “Impact of Oil Price Hike on National Economy and Its Trend,” *KDI Economy Outlook*, Vol. 28, No. 1, Korea Development Institute, 2011, pp.61~74 (in Korean).
- Accounting for Economic Growth in Korea: 1970~2010*, co-authored with Minsoo Kim, Youngjoon Kim and Seungju Kim, KDI Research Monograph 2012-08, Korea Development Institute, 2012 (in Korean).
- A Study on the National Allotment Plan for Effective Permit Trade System*, co-authored with Hyungna Oh, Policy Research Submitted to the Ministry of Strategy and Finance, Korea Development Institute, 2012 (in Korean).
- A Study on the Impact of Cooperative Act on National Economy*, co-authored with Kwangeon Sul, Policy Research Submitted to the Ministry of Strategy and Finance, Korea Development Institute, 2012 (in Korean).
- “Establishing a Think Tank for Economic Development in the Kingdom of Saudi Arabia,” in *Policy Recommendations for Economic Development in Priority Areas of the Kingdom of Saudi Arabia(II)* (2012 KSP with Saudi Arabia), Ministry of Strategy and Finance and Korea Development Institute, 2013.

Edited Volumes

- 2011 KDI Journal of Economic Policy Conference: Globalization, Human Capital and Inequality*, co-edited with Sangdal Shim, Korea Development Institute, 2011.
- 2012 KDI Journal of Economic Policy Conference: Shared Growth and Sustainable Development*, Korea Development Institute, 2012.
- 2013 KDI Journal of Economic Policy Conference: Fiscal Sustainability and Innovative Welfare System*, co-edited with Kyungsoo Choi, Korea Development Institute, 2013.

Pre-Feasibility Study (Public and Private Infrastructure Investment Management Center, KDI, in Korean)

- Pre-feasibility Study on Building Songniwon Multi-purpose Dam*, co-authored with Myungpil Shim and et al., 1999.
- Pre-feasibility Study on Building Taekwondo Park and Chilsung Mountain Taekwondo Training Center*, co-authored with Dongho Jo and et al., 1999.
- Pre-feasibility Study on Building Kangwon Historic and Cultural Village*, co-authored with Dongho Jo and et al., 1999.
- A Study on Standard Guidelines for Pre-feasibility Study on Culture, Tourist, Sports and Science Facility Projects*, co-authored with Dongho Jo, 2000.
- Pre-feasibility Study on Expanding Jeju Airport*, co-authored with Hyungpyo Moon and et al., 2000.

Pre-feasibility Study on the Joint Operation of Water Supply Facilities, co-authored with Inhwan Hyun and et al., 2000.

Pre-feasibility Study on Redeveloping Goesan Dam, co-authored with Dongho Jo and et al., 2002.

Pre-feasibility Study on Redeveloping Maehwa Dam, co-authored with Dongho Jo and et al., 2002.

Pre-feasibility Study on Redeveloping Shinpung and Sungduk Dams, co-authored with Dongho Jo and et al., 2002.

Pre-feasibility Study on Building Gunnam Retention Reservoir (Imjingang River), co-authored with Byungho Chun and et al., 2003.

Pre-feasibility Study on Building Water Supply System in the Lower Hangang River (First Stage), co-authored with Hyun Park and et al., 2003.

Pre-feasibility Study on Building Wide Waterworks System in Southern Chungnam Province, co-authored with Dongho Jo and et al., 2004.

A Study on Standard Guidelines for Pre-feasibility Study on Water Resource Projects (3rd Edition), co-authored with Seungjoon Kwak and et al., 2003.

Reassessment Study of Feasibility on Building Daegu-Kyeongbuk Institute of Science and Technology, co-authored with Dongho Jo and et al., 2007.

Other Activities

Seminar Presentations

“Value-Added Content of Korea's Export: Trend and Policy Implications,” mimeo, presented at International Symposium on Recent Developments in Econometric Theory with Applications, June 20-21, 2015, The Wang Yanan Institute for Studies in Economics, Xiamen University, 2015.

Journal Refereeing

Journal of Econometrics, Korean Economic Review

Advisory Services

2004	Presidential Committee on Aging and Future Society, Population and Economy Working Group
2011	Population Projection Committee (National Statistical Office)
Jun. 2014 ~ Jun. 2016	Special Committee on Future Growth Engine (Ministry of Science, ICT and Future Planning)
Jul. 2014 ~	Inspection Committee (Ministry of Justice)
Aug. 2015 ~	Presidential Commission on Sustainable Development
Mar. 2016 ~	Tariff Administration Development and Monitoring Committee (Korea Customs Service)
Oct. 2016 ~	Research and Development Special Zone Committee (Ministry of Science, ICT and Future Planning)
Nov. 2016 ~	Auditing and Advisory Committee (National Statistical Office)

Awards/Recognition

1989 ~ 1994	Korea Foundation for Advanced Studies Fellowship
2000, 2001, 2002, 2005, 2007, 2013, 2014, 2015	Award for Excellent Performance (KDI)
2005	KDI Report of the Year, 2004 (KDI)
Sep. 2015	Order of Industrial Service Merit (Tin Tower)