

KYUNG-MIN NAM

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CURRENT EMPLOYMENT

Postdoctoral Associate, MIT Energy Initiative, Massachusetts Institute of Technology.

EDUCATION

2010	MASSACHUSETTS INSTITUTE OF TECHNOLOGY Ph.D. in International Development and Regional Planning <u>Dissertation</u> : "Foreign Direct Investment, Intra-organizational Proximity, and Technological Capability: The Case of China's Automobile Industry" (2011 Outstanding Dissertation Award by the MIT Department of Urban Studies and Planning)	Cambridge, MA (GPA: 4.70/5.00)
2004	UNIVERSITY OF MICHIGAN Master of Urban Planning	Ann Arbor, MI (GPA: 7.65/8.00)
2000	YONSEI UNIVERSITY B.S. in Urban Planning and Engineering, Magna Cum Laude	Seoul, Korea (GPA: 3.64/4.00)

WORK EXPERIENCE

Jul 2005 -present	MIT JOINT PROGRAM ON THE SCIENCE AND POLICY OF GLOBAL CHANGE* <i>Postdoctoral Associate</i> (Fall 2010 – Summer 2012) <i>Graduate Research Assistant</i> (Summer 2005 – Summer 2010) <u>Projects</u> : (1) An Integrated Framework for Climate Change Analysis (Funded by the US Department of Energy); (2) Developing an Improved Framework for Analysis of Global Warming (Funded by the Electrical Power Research Institute); (3) Integrated Assessment of Global Warming (Funded by the Electrical Power Research Institute)	Cambridge, MA
Jul 2010 -Aug 2011	KOREA RESEARCH INSTITUTE FOR HUMAN SETTLEMENTS <i>Consultant</i> <u>Projects</u> : (1) Building a Successful Sino-Korean Division of Labor Model in the ICT Industry; (2) Strategy to improve the capacity of hydropower generation and the efficiency of power supply networks in North Korea.	Anyang, Korea
Oct 2009 -Jan 2010	SCIENCE AND TECHNOLOGY POLICY INSTITUTE <i>Consultant</i> <u>Final Reports</u> : (1) University Technology Transfer System and Policy in the United States, and Their Implications for Korea; (2) University-initiated Global Cooperative Research and Development Activities in the United States	Seoul, Korea
Summer 2003	UN ECONOMIC AND SOCIAL COMMISSION FOR ASIA AND THE PACIFIC <i>Summer Intern</i> , Transport and Tourism Division <u>Project</u> : "Development of an Integrated Transport and Logistics System for Northeast Asia"	Bangkok, Thailand
Mar 2000 -Jun 2002	KOREA RESEARCH INSTITUTE FOR HUMAN SETTLEMENTS <i>Assistant Research Fellow</i> <u>Various projects</u> on Korea's national/regional territorial planning (including the North Korean region) and on East Asia's cross-border infrastructure development	Anyang, Korea
Summer 1999	KOREA TRANSPORT INSTITUTE <i>Summer Intern</i> , Department of Transportation Policy	Goyang, Korea
Jan 1996 -Mar 1998	BRIGADE 101 <i>Compulsory Military Service</i> , G4 Division (Logistics), Headquarters	Paju, Korea

* The MIT Joint Program on the Science and Policy of Global Change is part of the MIT Energy Initiative.

TEACHING & OTHER ACADEMIC EXPERIENCE

Spring 2011	MIT DEPARTMENT OF URBAN STUDIES AND PLANNING <i>Lecturer</i> <u>Course:</u> [11.003] Methods of Policy Analysis Instructorship for a class size of 10 MIT's upper-level undergraduate students (Two 1.5-hour sessions a week).	Cambridge, MA
Jan–Aug 2009	MIT DEPARTMENT OF URBAN STUDIES AND PLANNING <i>Graduate Research Assistant</i> to Prof. Annette M. Kim <u>Project:</u> “Property Rights Issues in the Post-reunification North Korean Territory”	Cambridge, MA
Fall 2007 & Spring 2009	MIT DEPARTMENT OF URBAN STUDIES AND PLANNING <i>Teaching Assistant</i> to Prof. Annette M. Kim <u>Course:</u> [11.484] Project Appraisal and Planning in Developing Countries Held weekly recitation sessions and office hours; Graded assignments.	Cambridge, MA
Spring 2008	MIT DEPARTMENT OF URBAN STUDIES AND PLANNING <i>Teaching Assistant</i> to Prof. Alice H. Amsden <u>Course:</u> [11.491] Economic Development and Policy Analysis I Provided a half-an-hour theory review for each class; Held office hours.	Cambridge, MA

PUBLICATIONS & WORK IN PROGRESS

【Peer-reviewed Journals】

- [1] Nam, K.-M., 2011. Learning through the International Joint Venture: Lessons from the Experience of China's Automotive Sector. *Industrial and Corporate Change* 20(3): 855-907.
- [2] Matus, K., K.-M. Nam, N.E. Selin, L.N. Lamsal, J.M. Reilly, and S. Paltsev. 2011. Health Damage from Air Pollution in China. *Global Environmental Change* (forthcoming). doi: 10.1016/j.gloenvcha.2011.08.006 [Lead authorship shared by Matus and Nam]
- [3] Nam, K.-M., N.E. Selin, J.M. Reilly, and S. Paltsev. 2010. Measuring Loss in Human Welfare Caused by Air Pollution: A CGE Analysis for the European Region. *Energy Policy* 38(9): 5059-5071.
- [4] Nam, K.-M. 2009. Spatial Integration of Corporate R&D and Mass Production Activities: A Case Study of Samsung Electronics. *Korea Spatial Planning Review* 62: 125-145.
- [5] Selin, N.E., S. Wu, K.-M. Nam, J.M. Reilly, S. Paltsev, R.G. Prin, and M. Webster. 2009. Global Health and Economic Impacts of Future Ozone Pollution. *Environmental Research Letters* 4(4): 44014 (9pp).
- [6] Matus, K., T. Yang, S. Paltsev, J.M. Reilly, and K.-M. Nam. 2008. Toward Integrated Assessment of Environmental Change: Air Pollution Health Effects in the USA. 2008. *Climatic Change* 88(1): 59-92.
- [7] Nam, K.-M. 2008. [Seopyeong] Alice H. Amsden: Eodumsokeui kokiri, Pax Americana ([Book Review] Alice H. Amsden – “Escape from Empire: The Developing World's Journey through Heaven and Hell”). *Gonggangwa sahoe* (Space and Society) 30: 286-290. (in Korean)

【Work under Review/in Progress】

- [1] Nam, K.-M. and X. Li. (under review). From a Passive Learner to an Active Learner: OFDI in SAIC's Learning Trajectory. Submitted to *World Development*.
- [2] Reilly, J.M., S. Paltsev, K. Strzepek, N.E. Selin, Y. Cai, K.-M. Nam, E. Monier, S. Dutkiewicz, J. Scott, M. Webster, and A. Sokolov. (under review). Valuing Climate Impacts in Integrated Assessment Models: The MIT IGSM. Submitted to *Climatic Change*.
- [3] Nam, K.-M. (in progress). Intra-organizational Proximity as an Asset for Technological Catch-up: A Comparative Study of China's Big Three Automakers.
- [4] Nam, K.-M. (in progress). A New Approach to Long-term Projection of Spatial Distribution of the World's Population: Based on 0.25°×0.25° Grid Cells and Beta Distribution Functions.
- [5] Kim, E.-J., G.J.D. Hewings, K.-M. Nam. (in progress). Efficient Size of Urban Population: a Multiregional CGE Model Approach.

【Working Papers/Research Reports】

- [1] Matus, K., K.-M. Nam, N.E. Selin, L.N. Lamsal, J.M. Reilly, and S. Paltsev [Lead authorship shared by Matus and Nam]. 2011. Health Damage from Air Pollution in China. MIT Joint Program Report #196. Cambridge, MA: Massachusetts Institute of Technology.
- [2] Nam, K.-M. 2010. Learning through the International Joint Venture: Lessons from Sino-foreign Auto Assembly JVs. Globelics Working Paper Series #WP10-01. Aalborg, Denmark: Global Network for Economics of Learning, Innovation, and Competence Building System.
- [3] Kwon, Y.-S., S.-J. Lee, W.-B. Kim, H.-W. Shin, K.-M. Nam, H.-S. Kang, and K.-S. Yang. 2010. *Hanjunggan saneopbuneop model guchukgwa hanguk seohaewoneui saneopipjjeonryak yeongu: Jisikjeongbosaneopeul jungshimeuro* (Models of Intra-industry Trade between Korea and China and Strategies of Industrial Location for West-coast Region in Korea: Focusing on Knowledge-information Industry). Seoul: National Research Council for Economics, Humanities, and Social Sciences.
- [4] Kim, S.-K., Y.-J. Lee, S.-J. Sohn, Y.-J. Lee, K.-M. Nam, J.-W. Lim, Y.-J. Choi, D.-G. Lee. 2010. *Gaebanghyeong hyeokshin hwangyeongeseoeui R&D hyeopryeok hwalseonghwa bangan* (Promoting Inter-organizational R&D Cooperation under the Open Innovation System). Seoul: Science and Technology Policy Institute. A Sponsored Project by the Republic of Korea Ministry of Education, Science, and Technology.
- [5] Nam, K.-M., N.E. Selin, J.M. Reilly, and S. Paltsev. 2009. Measuring Loss in Human Welfare Caused by Air Pollution: A CGE Analysis for the European Region. MIT Joint Program Report #178. Cambridge, MA: Massachusetts Institute of Technology.
- [6] Selin, N.E., S. Wu, K.-M. Nam, J.M. Reilly, S. Paltsev, R.G. Prin, and M.G. Webster. 2009. Global Health and Economic Impacts of Future Ozone Pollution. MIT Joint Program Report #177. Cambridge, MA: Massachusetts Institute of Technology.
- [7] UNESCAP. 2007. *Integrated International Transport and Logistics System for Northeast Asia*. (Contributed to Chapter 4). New York: United Nations.
- [8] Kim, W.-B., S.-W. Hong, and K.-M. Nam. 2003. *Building Infrastructure for the Facilitation of Economic Cooperation in Northeast Asia in the 21st Century: Focusing on Land Transport Linkages between Korea and China*. Anyang, Korea: Korea Research Institute for Human Settlements.
- [9] Lee, S.-J., W.-B. Kim, Y.-B. Kim, Y.-C. Park, and K.-M. Nam. 2002. *Bukhangeui guktoiyong mit sangeopipji gusangyeongu* (Design of Land Use and Industrial Location in North Korea). Anyang: Korea Research Institute for Human Settlements.
- [10] Lee, S.-J., W.-B. Kim, S.-Y. Oh, D.-H. Jo, B.-M. Ahn, and K.-M. Nam. 2001. *Nambukhangsan saeroun gyoryu/hyeopryeokgibaneui dangyeojeok guchukbangan yeongu* (Building a New Foundation for Inter-Korean Economic Cooperation). Anyang, Korea: Korea Research Institute for Human Settlements.
- [11] Kim, W.-B., S.-W. Hong, and K.-M. Nam. 2001. *21segi dongbuka hyeopryeok hwalseonghwareul wihan infra guchuk jeonryak: Hangjung yuksanggyotong yeongyereul jungshimeuro* (Building Infrastructure for the Facilitation of Economic Cooperation in Northeast Asia in the 21st Century: Focusing on Land Transport Linkages between Korea and China). Anyang, Korea: Korea Research Institute for Human Settlements.
- [12] Lee, S.-J., W.-B. Kim, Y.-B. Kim, and K.-M. Nam. 2000. *Bukhanjiyeokeui gwonyeokbyeol baljeongusange gwanhan yeongu* (A Study on the Development Strategies for North Korean Regions). Anyang, Korea: Korea Research Institute for Human Settlements.

【Others】

- [1] Nam, K.-M. 2009. Interview with Karen R. Polenske – Regional Development Paradigm and Its Evolution: From Input-Output Dynamics to Innovation and the Environment. *Planning and Policy* 330: 85-101.
- [2] Nam, K.-M. 2009. Interview with Alice H. Amsden – The East Asian Miracle and Regional Development. *Planning and Policy* 327: 89-103.

CONFERENCE PAPERS & POSTERS

- [1] Kim, E.-J., G.J.D. Hewings, and K.-M. Nam. 2011. *Efficient Size of Regional Population: An Interregional CGE Model Approach*. Presented by E. Kim at the 19th International Input-Output Conference in Alexandria, VA. (Session #4).

(Jun 11-17, 2011).

- [2] Nam, K.-M., K. Matus, J.M. Reilly, and S. Paltsev. 2010. *Socioeconomic Costs of Air Pollution in China: Focusing on Damages to Human Health*. Presented by K.-M. Nam at the 57th Annual North American Meetings of the Regional Science Association International in Denver, CO. (Session #174). (Nov 10-13, 2010).
- [3] Nam, K.-M. 2010. *Learning through the International Joint Venture: Lessons from the Experience of China's Automotive Sector*. Presented at the 8th Globelics Conference in Kuala Lumpur, Malaysia (Track #8). (Nov 1-3, 2010).
- [4] Nam, K.-M. 2009. *FDI, Geographical/Organizational Distance, and Technological Learning: Lessons from the Case of China's Automobile Industry*. Presented at the 50th Association of Collegiate Schools of Planning (ACSP) Conference in Washington, D.C. (Track #6). (Oct 1-4, 2009).
- [5] Selin, N.E., K.-M. Nam, C. Wang, J. M. Reilly, S. Paltsev, M. G. Webster, R. G. Prinn, A. Van Donkelaar, and R. V. Martin. 2009. *Assessing Uncertainties in Modeling Aerosol Health Impacts*. Poster presented by N. Selin at the Gordon Research Conference on Atmospheric Chemistry, Waterville Valley, NH (August 23-28, 2009).
- [6] Selin, N.E., J. M. Reilly, S. Paltsev, K.-M. Nam, R. G. Prinn, S. Wu. 2009. *Global Health and Economic Impacts of Future Ozone Pollution*. Poster presented by N. Selin at the Copenhagen Climate Congress, Copenhagen, Denmark (March 11, 2009).
- [7] Nam, K.-M. 2006a. *Can Information and Communications Technology Alone Mitigate Regional Divergence?: Major Locational Incentives for Samsung Electronics and Their Implications for Korea's Economic Geography*. Presented at the 47th ACSP Conference in Fort Worth, TX (Nov 9-12, 2006).
- [8] Nam, K.-M. 2006b. *Why Do Korean Firms Prefer the Capital Region?: The Case of Samsung Electronics*. Presented for the poster session at the Cambridge-MIT Institute Workshop on Regional Innovation in Cambridge, UK (June 9-10, 2006).
- [9] Nam, K.-M. 2005. *Information Technology and Regional Structure: the Case of South Korea*. Presented at the 46th ACSP Conference in Kansas City, MO (Oct 27-30, 2005).

FELLOWSHIPS & AWARDS

Jun 3, 2011	Outstanding Dissertation Award, Dept. of Urban Studies and Planning, MIT (US\$500)
Nov 3, 2010	Third Prize (out of 79 submissions) in the Ph.D. Students' Paper Competition at the 8th Globelics Conference (US\$500)
Summer 2008	MIT Center for International Studies Summer Research Fellowship (US\$5,000)
Spring 2008	Emerson Travel Fellowship, MIT (US\$500)
Fall 2007	Rodwin Travel Fellowship, MIT (US\$1,000)
Jun 2006	Cambridge-MIT Institute Travel Grant (US\$2,500)
Fall 2003	Korean Alumnae Scholarship, University of Michigan (US\$5,000)
Fall 2002	Rackham Graduate Fellowship, University of Michigan (US\$10,000)
Fall 2002	Korean Alumnae Scholarship, University of Michigan (US\$5,000)
Feb 2000	Magna cum laude, Yonsei University (GPA 3.64/4.00)
Oct 1999	Honors Award, Yonsei University (GPA 3.84/4.00, Spring 1999)
Fall 1999	Merit-Based Academic Scholarship, Yonsei University (US\$800)
Spring 1999	Merit-Based Academic Scholarship, Yonsei University (US\$800)
Oct 1998	Yonsei Highest Honors Award (GPA 4.00/4.00, Spring 1998)
Oct 1995	Honors Award, Yonsei University (GPA 3.70/4.00, Spring 1995)
Fall 1994	Merit-Based Academic Scholarship, Yonsei University (US\$700)
Spring 1994	Yonsei Presidential Fellowship (full tuition and fee waiver for Spring 1994)

PROFESSIONAL MEMBERSHIPS & SERVICES

Association of American Collegiate Schools of Planning
American Association of Geographers
Association of Industry Studies

Global Network for Economics of Learning, Innovation, and Competence Building System
International Association of China Planning
China Planning Network

Reviewer for *Economic Geography* (since Oct 2009)
Reviewer for *Research Policy* (since Nov 2010)
Reviewer for *Annals of Regional Science* (since Feb 2011)
Reviewer for *Journal of Product Innovation Management* (since Sep 2011)

LANGUAGES

Korean (native), English (fluent), Chinese (fair)

REFERENCES

[1] **Alice H. Amsden**

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