

Curriculum Vitae

Junghoon Ki, Ph.D in Planning

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EDUCATION:

- December 2002 **Doctor of Philosophy, Planning**
With National Science Foundation Dissertation Scholarship
University of Southern California, School of Policy, Planning, and
Development, Los Angeles, California, U.S.A.
- August 1997 **Master of City Planning**
With Honor
Seoul National University, Graduate School of Environmental Studies,
Seoul, Korea
- February 1993 **Bachelor of Science in Horticulture**
Seoul National University, School of Agricultural Sciences, Seoul,
Korea

PROFESSIONAL AND TEACHING EXPERIENCE:

- Mar. 2015- Present **Professor**, Department Chair (2016 fall-2018 spring)
Myongji University, Department of Public Administration, Seoul, Korea
- July 2017-Present **Head and CEO**
Big Data Analytics Center (university start-up), Seoul, Korea
- Feb. 2010-Present **Head and CEO**
GeODesign Institute (university start-up), Seoul, Korea
- Sep. 2018-Feb. 2019 **Visiting Scholar**
University of Southern California, Los Angeles, USA
- Mar. 2018-Aug. 2018 **Director**
City Government Officer Education Program, Yongin, Korea
- Mar. 2011-Feb.2015 **Associate Professor**, Department Chair (2012 spring & fall)
Myongji University, Department of Public Administration, Seoul, Korea
- Mar. 2007- Feb.2011 **Assistant Professor**, Department Chair (2009 spring-2011 fall)
Myongji University, Department of Public Administration, Seoul, Korea

- Sep. 2005- Feb. 2007 **Adjunct Professor**
Handong University, Department of Spatial Environment System
Engineering, Pohang, Korea
- Sep. 2002-May 2005 **Research Analyst**
Milken Institute, Regional Economics Group, Santa Monica, California,
U.S.A.

PUBLICATIONS AND CONTRIBUTING PAPERS:

(1) Journal Publications:

- Ki, Junghoon** (2019), A Study on the Differences in Perception among Experts and Public Officials for the Executive Agent of Environmental Affairs and National Policy Tasks, “Journal of People, Plants, and Environment”, 22(3): 241-253.
- Ki, Junghoon** (2018), ‘GIS and Big Data Visualization’, Rocha, G. ed. (2018), Geographic Information Systems (ISBN 978-953-51-6831-7), Book chapter, IntechOpen.
- Ki, J-H & et al.** (2017), A Study of Collaborative Governance for Environmental Cooperation between South and North Korea Using Google Earth-based Spatial Image, “Journal of People Plants and Environment”, 20(1): 65-72.
- Ki, Junghoon** (2016), A Big Data Analysis of Urban Statistics Expression -Chernoff Face-Based Expression of Local Community Health Index in Korea, “Space and Environment”, 55: 336-358.
- Ki, Junghoon** (2016), Spatial Photo Analysis Using Google Earth Images to Measure Urban Environmental Pollution and Deforestation in North Korea, “Journal of Environmental Policy and Administration”, 24(1): 133-146.
- Ki, Junghoon** (2016), A SNS Analysis of the Related Search Words to Examine Common Factors among R&D, Technological Innovation and Standards, and to Compare Between Before & After the Korea-China FTA, “Journal of Information Technology and Architecture”, 13(4): 549-560.
- Ki, J-H & et al.** (2015), A Study of Spatial Approach and Policy Alternatives for Foot-and-mouth-disease Prevention - Focused on Pig Pen's Architecture and Site Design, and Policy Support-, “Space and Environment”, 51: 158-182.
- Ki, Junghoon** (2015), A Study of Impact of Urban Population Characteristics on Violent Crimes, “Journal of the Korean Regional Development Association”, 27(1): 107-124.
- Ki, Junghoon** (2015), A Spatial Planning for South and North Korea’s Industrial Cooperation to Prepare the Unification Era, “Journal of Korean Planners Association”, 50(1): 41-56.

- Ki, Junghoon** (2015), Building a Collaborative Governance for South and North Korea's Cooperation in Science and Technology, "Gyeonggi Research Institute Review", 17(1): 25-46.
- Ki, J-H & Kim, S-J** (2015), A Study on Improving the Role of Local Environmental Non-Government Organizations: Focusing on Citizen, Local Official, and Organizations' Perceptions in Goyang-si, Gyeonggi-do, "Journal of Environmental Policy and Administration", 23(1): 119-148.
- Ki, Junghoon** (2013), Developing a geospatial web-GIS system for landscape and urban planning, "International Journal of Digital Earth", 6(6): 580-588.
- Ki, Junghoon** (2011), Web-GIS based green landscape and urban planning system development, B. Murgante et al. (Eds.), ICCSA 2011, Part II, Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics) 6783, pp. 31-38. © Springer-Verlag Berlin Heidelberg 2011.

(2) Dissertations:

- Ki, Junghoon** (2002), "A Statistical Analysis of the Formation and Location Factors of High-Tech Centers in the United States, 1950-1997: An Evaluation Using Quasi-Experimental Control Group Methods", Ph.D Dissertation, School of Policy, Planning, and Development, University of Southern California.
- Ki, Junghoon** (1997), "A Study of Formation and Network of Venture Business in Seoul Metropolitan Area", Master's Dissertation, Graduate School of Environmental Studies, Seoul National University

RECENT FUNDED PROJECTS:

- A Preparative Study for Amending the 'Zoo and Aquarium Management Acts' in Korea, Funded with the Korea Department of Environment (2018).
- A Study for Promoting Environmental Policy Implementation Performance in Korea, Funded with the Korea Department of Environment (2018).
- A Study of Local Government Customized Social Welfare System Building to Prepare the Change of Population Structure, Funded with the Asan Research Foundation (2018).
- A Strategic Paper of Environmental Policy for an Efficient Use and Conservation of Nature in Korea, Funded with the Korea Department of Environment (2017)
- A Research and Administrative Plan for the 'Korea National Institute for Wildlife Health Research, Funded with the Korea Department of Environment (2017).
- An Operation Plan for the 'Korea National Institute for Wildlife Health Research, Funded with the Korea Department of Environment (2016).
- Spatial Photo Analysis Using Google Earth Images to Measure Urban Environmental Pollution and Deforestation in North Korea, Funded with the Korea National Science Foundation (2016).

- A Study of Impact of Urban Population Characteristics on Violent Crimes, Funded with the Korea National Science Foundation (2015).

SCHOLARSHIP AND AWARDS:

September 2018	Asan Foundation Research Scholarship (Asan Foundation, Seoul, South Korea)
August 2014	Seoul Metropolitan City Research Fellowship (Seoul Metropolitan City, Seoul, South Korea)
May 2014	Science and Technology Policy Institute 2014 Fellowship (Science and Technology Policy Institute, Sejong, South Korea)
April 2014	Korean Standards Association the 2nd Standards Policy Milestone Fellowship (Korean Standards Association, Seoul, South Korea)
July 2009	Best Award Prize of the Cheong-Yang County Idea Contest (Cheong-Yang County, South Korea)
October 2007	Best Research Paper Prize of the Fall Conference (Korea Planning Association, Seoul, South Korea)
January 2002	Doctoral Dissertation Scholarship (National Science Foundation, U.S.A.)
Sep. 1997-Sep. 1999	Irvine Scholarship (University of Southern California, U.S.A)
August 1997	Best Dissertation Prize (Seoul National University, South Korea)
August 1996	3rd Prize Winner in the College Student Essay Contest (Korea Land Corporation (KOLAND), South Korea)

ACADEMIC AFFILIATION, MEMBERSHIP AND CERTIFICATE:

Feb. 2004-present	Member (current), Western Regional Science Association , U.S.A., https://www.wrsaonline.org/newsite/
Feb. 2002-present	Executive Director (2016), The Korean Regional Science Association , South Korea, www.krda.org/
Mar. 2007-present	Member (current), Korea Planning Association , South Korea, www.kpa1959.or.kr/
Mar. 2007-present	Financial Executive Director (2018), The Korean Regional Development Association , South Korea, www.krda.org/
Mar. 2007-present	Member (current), The Korean Association of Public Administration , South Korea, www.kapa21.or.kr/
Mar. 2008-present	Editorial board (current), Korean Urban Management Association , South Korea, www.kruma.org/
Mar. 2010-present	Member (current), The Korean Association for Regional Information Society , South Korea, http://www.karis.or.kr/
Mar. 2009-present	Member (current), The Korean Spatial Information Society , South Korea, http://www.ksis.or.kr/
Mar. 2012-present	Editorial board (current), The Society of People, Plants, and Environment , South Korea, http://www.ppe.or.kr/
Mar. 2014-present	Member (current), Korea Big Data Society , South Korea, http://www.kbigdata.kr/
December 2000	Geographical Information Systems Specialist Certificate (Environmental Systems Research Institute, Inc., U.S.A.)