



Gunwoo Kim Ph.D., ASLA

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Biography

김건우 교수는 미국 일리노이대학교 어바나샴페인에서 조경학 학사학위를 (2008), 서울대학교에서 조경학 석사학위를 (2011), 미국 버지니아공과대학교에서 건축과 디자인 연구에서 (조경 리서치) 박사학위를 (2015) 취득하였다. 미국 애리조나 주립대학교에서 조경학과 임상조교수 (2015-2017) 및 미국 노스캐롤라이나 A&T 주립대학교에서 조경학과 (테뉴어트랙) 조교수 (2017-2018)로 재직하였다. 그는 환경의 질과 인간의 건강을 개선할 수 있도록 도시의 지속 가능성을 지원하는 데 있어서 생태계 서비스와 그린 인프라를 중심으로 연구와 교육을 수행하였다. 주요 연구분야는 도심 생태학, 도심 임학(Urban Forestry), 그린 인프라, 기후 변화, 생태계 서비스, 도시의 회복성(Resilient Landscapes), 랜스케이프 어바니즘, 도심 사회적-생태적 시스템, 생태계 서비스 평가, 경관생태학, 생태적이며 지속 가능한 설계 및 계획, 도심 재건 및 재생, 자연과 인간의 건강 및 웰빙 등이다.

Prof. Gunwoo Kim received his BLA (2008) degree from the University of Illinois at Urbana-Champaign, MLA (2011) degree from Seoul National University, and Ph.D. (2015) degree in Architecture and Design Research

from Virginia Tech. He worked as a Clinical Assistant Professor of Landscape Architecture at Arizona State University (2015-2017) and an Assistant Professor of Landscape Architecture (Tenure-Track) at North Carolina A&T State University (2017-2018). His research and teaching has focused on Ecosystem Services and Green Infrastructure in supporting urban sustainability to improve environmental quality and human health. His research interests are in the areas of Urban Ecology, Urban Forestry, Green Infrastructure, Climate Change, Ecosystem Services, Resilient Landscapes, Landscape Urbanism, Urban Social-Ecological System, Ecosystem Service Assessment, Landscape Ecology, Ecological and Sustainable Design / Planning, Urban Regeneration and Renewal, Nature and Human Health and Well-Being.

Education

- 2015 PhD, Architecture and Design Research, Virginia Polytechnic Institute and State University
- 2011 MLA, Landscape Architecture, Seoul National University
- 2008 BLA, Landscape Architecture, University of Illinois at Urbana-Champaign

Academic Experience

- Current Assistant Professor and Chair of the Department of Landscape Architecture (Tenure-Track)
Graduate School of Urban Studies | Graduate School of Engineering
Hanyang University, Seoul, Republic of Korea
- 2017-18 Assistant Professor of Landscape Architecture (Tenure-Track)
North Carolina A&T State University, Greensboro, NC
- 2015-17 Clinical Assistant Professor of Landscape Architecture
The Design School, Arizona State University, Tempe, AZ
- 2015-17 Senior Sustainability Scientist, Julie Ann Wrigley Global Institute of Sustainability
School of Sustainability, Arizona State University, Tempe, AZ
- 2012-15 Graduate Research and Teaching Assistant
Landscape Architecture Program, Virginia Tech, Blacksburg, VA
- 2010-11 Graduate Research and Teaching Assistant
Department of Landscape Architecture, Seoul National University, Seoul, South Korea

Awards

- 2018 Recognized Reviewer, Elsevier Reviewer Recognition, *Land Use Policy*
- 2018 Recognized Reviewer, Elsevier Reviewer Recognition, *Urban Forestry & Urban Greening*
- 2018 Outstanding Reviewer, Elsevier Reviewer Recognition, *Sustainable Cities and Society*
- 2017 Recognized Reviewer, Elsevier Reviewer Recognition, *Sustainable Cities and Society*
- 2016 Sustainability Scientist/Scholars Award, Julie Ann Wrigley Global Institute of Sustainability, School of Sustainability, Arizona State University
- 2016 Research Award, VA ASLA 2016 Professional and Student Awards, The Greening of Cities, from Research to Policy, American Society of Landscape Architects, Virginia Chapter
- 2015 Research Award, VA ASLA 2015 Professional and Student Awards, Assessing urban vacant land ecosystem services: Urban vacant land as green infrastructure in the City of Roanoke, Virginia, American Society of Landscape Architects, Virginia Chapter
- 2012-15 Graduate Research and Teaching Assistantship, Landscape Architecture Program, School of Architecture + Design, College of Architecture and Urban Studies, Virginia Tech
- 2011 International Design Competition, 3rd Place Green Design Awards 2011 (\$1,000), Dorim Stream

- Green Infrastructure Project, Seoul, South Korea, Sponsored by: Korean Institute of Construction & Transportation Technology Evaluations and Planning
- 2010-11 Graduate Research and Teaching Assistantship (\$11,322), Department of Landscape Architecture, College of Agriculture and Life Sciences, Seoul National University
- 2010 Merit-Award, St.Louis ASLA 2010 Professional and Student Awards: HOK Planning Group Mixed-Use Development Pole Project, Moscow, Russia
- 2010 International Design Competition, Merit-Award The 7th Docomomo, Korea Design Competition, Re-Connecting Urban Life: Baedari, the other Incheon
- 2010 Honor Scholarship (\$3,861), Seoul National University Foundation
- 2007 Sigma Lambda Alpha Honor Society, the PSI Chapter
- 2006 Merit-Award, WASLA 2006 Professional and Student Awards: In Recognition of Outstanding Professional Achievement, American Society of Landscape Architects, Washington Chapter
- 2005-06 The National Society of Collegiate Scholars
- 2005-06 Dean's List

Professional Affiliations

The Korean Institute of Landscape Architecture (KILA) Executive Committee
 North Carolina, American Society of Landscape Architects (NCASLA) Executive Committee
 North Carolina, American Society of Landscape Architects (NCASLA)
 US Regional Association of the International Association for Landscape Ecology (US-IALE)
 Environmental Design Research Association (EDRA)
 Ecological Society of America (ESA)
 Council of Educators of Landscape Architecture (CELA)
 American Society of Landscape Architects (ASLA)

Publications

- 2019 Kim, G., & Miller, P. A. The impact of green infrastructure on human health and well-being: The example of the Huckleberry Trail and the Heritage Community Park and Natural Area in Blacksburg, Virginia. *Sustainable Cities and Society*, 48, 101562 (SCIE)
- 2018 Kim, G., & Coseo, P. (2018). Urban park systems to support sustainability: The role of urban park system in hot arid urban climate. *Forests*, 9(7), 439 (SSCI)
- 2018 Kim, G. (2018). An integrated systems of urban green infrastructure on different types of vacant land to provide multiple benefits for local communities. *Sustainable Cities and Society*, 36, 116-130 (SCIE)
- 2018 Kim, G., Miller, P. A., & Nowak, D. J. (2018). Urban vacant land typology: A tool for managing urban vacant land. *Sustainable Cities and Society*, 36, 144-156 (SCIE)
- 2016 Kim, G. (2016). Assessing urban forest structure, ecosystem services, and economic benefits on vacant land. *Sustainability*, 8(7), 679 (SSCI)
- 2016 Kim, G. (2016). The public value of urban vacant land: Social responses and ecological value. *Sustainability*, 8(5), 486 (SSCI)
- 2016 Kim, G., Miller, P. A., & Nowak, D. J. (2016). The value of green infrastructure on vacant and residential land in Roanoke, Virginia. *Sustainability*, 8(4), 296 (SSCI)
- 2015 Kim, G., Miller, P. A., & Nowak, D. J. (2015). Assessing urban vacant land ecosystem services: Urban vacant land as green infrastructure in the City of Roanoke, Virginia. *Urban Forestry & Urban*

Greening, 14(3), 519-526 (SSCI)

2013 Kim, G., & Mugavin, D. (2013). Design research: Transforming urban landscape - The example of Dorim Stream, Seoul, South Korea. *Journal of the Urban Design Institute of Korea, 14(4), 93-110*