

JAE HO LEE, Ph.D.

Assistant professor
Department of Landscape Architecture
College of Urban Sciences, University of Seoul
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EDUCATION

Ph.D. Recreation, Park, and Tourism Sciences, Aug 2018

Community Development Area of Interest

Department of Recreation, Park, and Tourism Sciences
College of Agriculture and Life Sciences, Texas A&M University, College
Station, TX, U.S.A.

Dissertation: "The Influence of Emotional and Conditional Factors on Gardeners'
Participation in Community Gardens"

(Supervisor: Dr. David Matarrita-Cascante)

Master of Landscape Architecture, Aug 2011

Department of Landscape Architecture
Graduate School of Environmental Studies, Seoul National University, Seoul,
Korea.

Bachelor of Landscape Architecture, Feb 2009

Department of Architecture
Urban Planning, and Landscape Architecture, University of Seoul, Seoul, Korea

ACADEMIC APPOINTMENTS

Assistant Professor, Mar 2020 – Present

Department of Landscape Architecture
College of Urban Sciences, University of Seoul

Lecturer, Sep 2019 – Feb 2020

Department of Environmental Science and Ecological Engineering
College of Life Sciences and Biotechnology, Korea University

Research Associate, Jan 2019 – Aug 2019

Department of Recreation, Park, and Tourism Sciences
College of Agriculture and Life Sciences, Texas A&M University
(Supervisor: Dr. Scott Shafer)

Instructor, Sep 2017 – May 2018

Department of Recreation, Park, and Tourism Sciences
College of Agriculture and Life Sciences, Texas A&M University

Teaching Assistant, Sep 2015 – May 2017

Department of Recreation, Park, and Tourism Sciences
College of Agriculture and Life Sciences, Texas A&M University

Research Assistant, Sep 2013 – Nov 2014

PUBLICATIONS

Refereed Journal Articles

Lee, J.H., Joo, D.O., Lee, C.K, Park, Y.N., & Kwon, Y.J. (2022). The role of residents' sustainable intelligence in agricultural heritage site management: Insights from PLS-SEM and Fs/QCA. *Journal of Hospitality and Tourism Management*, 52, 65-74.

김은솔, **이재호** (2021). AHP 기법을 이용한 농촌 커뮤니티 리질리언스 지표 도출 연구. *농촌계획학회*. 28(1): 37-47.

Hong, S.H., **Lee, J.H.**, & An, M.Y. (2022). Socio-ecological Restoration of Cultural Forests: The Case of the Gyeongju Historic Areas in South Korea. *Urban Forestry & Urban Greening*, 127516.

Xu, Y., **Lee, J.H.**, & Matarrita-Cascante, D. (2021). Profiling Attached Residents in an Urban Community in the U.S.: An Empirical Study of Social-Landscape Interactions within a Park. *Social sciences*. 11(1): 5.

이서효, 이해리, **이재호** (2021). 한강공원의 질적 서비스와 이용자 영향권의 상관관계 분석. *한국조경학회*. 49(6): 27-36.

유재섭, **이재호** (2021). 연령별 시민참여형 도시공원 관리의지 비교 연구. *한국조경학회*. 49(6): 16-26.

양지은, 노윤진, **이재호** (2021). 일반농산어촌개발사업 사후평가체계 정립을 통한 우선 지원마을 선정 방법 - 태안군 일반농산어촌개발사업을 중심으로 -. *농촌계획학회*. 27(4): 71-82.

이재호 (2021). 2014 년과 2020 년 양주시 도시공원 이용빈도별 집단 간 이용행태 및 인식차이 연구. *한국조경학회*. 49(2): 41-50.

Matarrita-Cascante, D., **Lee, J.H.** & Ji Won Nam. (2020). What elements should be present in any community development initiative? Distinguishing community development from local development. *Local Development & Society*. 1(2): 95-115.

Xu, Y., Matarrita-Cascante, D., **Lee, J.H.**, & Luloff, A.E. (2019). Incorporating Physical Environment-Related Factors in an Assessment of Community Attachment: Understanding Urban Park Contributions. *Sustainability*. 11(20): 5603.

Lee, J.H. & Matarrita-Cascante, D. (2019). Gardeners' Past Gardening Experience and Its Moderating Effect on Community Garden Participation. *Sustainability*. 11(12): 3308.

Lee, J.H. & Matarrita-Cascante, D. (2019). The Influence of Emotional and Conditional Motivations on Gardeners' Participation in Community (allotment) Gardens. *Urban Forestry and Urban Greening*. 42: 21-30.

Lee, J.H., Hong, S.H., & Kim, D.W. (2019). The Effectiveness of the Conservation of Korean Village Groves (Maeulsoop) based on an Assessment of Tree Ages. *Urban Forestry and Urban Greening*. 39: 26-34.

- Recognized for outstanding research in “Urban Forestry & Urban Greening” and included in the edition of Research Insights.

김순기, 이재호 (2019). 이용집단에 따른 공원이용 만족도에 영향을 미치는 공원 구성요소에 대한 연구 - 2018 년 한강공원 이용시민 만족도조사의 결과 분석을 바탕으로 -. *한국경관학회*. 11(2): 21-33.

이재호, 김순기 (2018). 도시공원의 필수 설계요소 추출- 2017 년 서울시 공원이용 만족도 조사의 결과 분석을 바탕으로. *한국조경학회*. 46(6): 41-48.

Lee, J.H., **Matarrita-Cascante, D.**, Xu, Y., & Schuett, M.A. (2018). Examining the Conflicting Relationship between U.S. National Parks and Host Communities: Understanding Community’s Diverging Perspectives. *Sustainability*. 10(10): 3667.

Lee, J.H. & Matarrita-Cascante, D. (2013). Rethinking ‘Place’ in Tourism Development: A Conceptual Framework for Tourism Planners and Sociologists. *International Journal of Tourism Sciences*. 13(2): 102-123.

Other Publications

Shafer, C.S, Matarrita-Cascante, D., **Lee, J.H.**, & Wyrem, M. (Feb. 2015). Technical Report. *Enhancing Public Space in Downtown Waco*. Final Technical Report to the City of Waco, Texas.

RESEARCH AND PROJECTS

Fall 2022 – Spring 2025. **Lee, J.H.** (PI). An analysis of Google Street View images using deep learning to improve access to Yongsan Park, *National Research Foundation of Korea (Science & Engineering)*. (\$22,000/year * 3 = total \$66,000).

Spring 2022 – Spring 2025. **Lee, J.H.** (PI). A Study of Revitalizing Idle Facilities in Rural Regions, *National Research Foundation of Korea (Humanities & Social Sciences)*. (\$15,000/year * 3 = total \$45,000).

Spring 2022 – Winter 2026. **Lee, J.H.** Development of Environmental Grading and Evaluation Systems for Organic Farming Areas, *Rural Development Administration*. (\$350,000/year * 5 = total \$1,750,000; my share is \$120,000)

Spring 2022 – Winter 2022. **Lee, J.H.** (PI). Analyzing park equity using big data and improving quality services during COVID-19, *Seoul Metropolitan Government*. (\$8,000)

Fall 2021 – Winter 2022. **Lee, J.H.** Improvements in the utilization of idle and low-use facilities in rural areas, *Presidential Committee on Agriculture, Fisheries and Rural Policy*.

Spring 2021 – Winter 2021. **Lee, J.H.** The provision of post-management activation services for general agricultural and fishing village development projects, *Tae-an-gun County Office*

Fall 2020 – Winter 2020. Lee, T.G. & **Lee, J.H.** Local data construction for the Hoegi Station-Kyunghee University pedestrian environment with local residents, *Kyunghee University*

Summer 2017 – Spring 2018. Examining the Relationship Between National Parks and Adjacent Communities: Understanding Stakeholders' Perspectives, Proposed a framework for analysis and analyzed interviews.

Fall 2016 – Spring 2017. The Influence of Emotional and Conditional Factors on Gardeners' Participation in Community Gardens. Study design, survey administration, and data analysis – community gardeners in Sunshine, Festival Beach, and Adelphi Acre Community Garden, Austin, TX.

Fall 2014 – Winter 2014. Enhancing Public Space in Downtown Waco (the 2nd phase). Data collection through reports and articles, developed and proposed ideas for infrastructure investments, and presented results to the Eastern Public Improvement District (PID), Waco, TX including graphics.

Fall 2013 – Summer 2014. Enhancing Public Space in Downtown Waco (the 1st phase). Conducted site inventory and site analysis, led stakeholders' participative meetings, developed design strategies for how to enhance Western PID, Waco, TX including graphics.

PRESENTATIONS

Lee, J. H. (Mar. 2023). An analysis of Google Street View images using deep learning to improve access to Yongsan Park. Oral Presentation: *Council of Educators in Landscape Architecture Conference* – San Antonio, Texas.

Joo, D. O., **Lee, J. H.**, Woosnam, M. K., & Denley, J. Tara. (Jul. 2022). Destination residents' reactions to post-pandemictourism: Findings from FsQCA. Oral Presentation: *Tourism Society of Korea (TOSOK) International Tourism Conference* – Busan International Convention Center (BEXCO) Convention Hall, Busan.

Lee, J. H. & Hong, S.H. (Nov. 2019). Resilient management of past cultural landscape: focused on Oreung (five tomb) forests, Gyeongju in South Korea. Oral Presentation: *Asia Resilience Center* – Korea University, Seoul.

Lee, J. H. & Matarrita-Cascante, D. (Jun. 2018). The influence of emotional and conditional factors on gardeners' participation in community gardens. Oral Presentation: *International Association for Society and Natural Resources* – Salt Lake City, Utah.

Lee, J. H., Matarrita-Cascante, D., Shafer, C. S. & Wyrem, M. (Apr. 2015). Examining the effectiveness of a service-learning project using Waco, TX. Oral Presentation: *Texas A&M. Department of Recreation, Park and Tourism Sciences*, Texas A&M University.

Lee, J. H., Matarrita-Cascante, D., Shafer, C. S. & Wyrem, M. (Mar. 2015). A service-learning partnership and a participatory process to enhance small urban

spaces in Waco, Texas. Oral Presentation: *Council of Educators in Landscape Architecture Conference* – Manhattan, Kansas.

Lee, J. H. (Apr. 2014). Engaging in a Collaborative and a Participatory process to Enhance Public Space in DOWTOWN WACO. Oral Presentation: *Texas A&M Department of Recreation, Park and Tourism Sciences*, Texas A&M University

Lee, J. H. (Apr. 2014). Recommendations for the development of small public spaces, and walkable connections within the downtown Public Improvement District in Waco. Oral Presentation: *Waco City Council Meetings*, Waco, Texas

Lee, J. H. & Matarrita-Cascante, D. (Jul. 2013). Rethinking ‘Place’ in Tourism Development: A Conceptual Framework for Tourism Planners and Sociologists. Oral Presentation: *Tourism Society of Korea (TOSOK) International Tourism Conference* - Seoul, Korea. Presented by Jae Ho Lee. Paper co- authored with Dr. Matarrita-Cascante.

- Awarded the TOSOK President ‘Best Paper Award’
- Received a monetary award: \$2,000

TEACHING EXPERIENCE

Official Teaching Coursework

RPTS 402 - Park Planning and Design: Offers the understanding of an environmental and social ethic in planning and design, processes and products, and how planning and design of such places can influence people. Community scaled designs are executed using computer graphics (e.g., Adobe Photoshop).

- This course is designated as a C (communication) course to develop communication skills in writing and verbal presentations.

	<i>Credits</i>	<i>Semester Taught</i>	<i>Number of Students</i>	<i>Student Evaluations</i>
Undergraduate	3	Spring 2019	43	4.376 / 5
RPTS 402	3	Spring 2018	30	4.200 / 5
	3	Fall 2017	30	4.575 / 5

Other Teaching Opportunities

Guest Lectures

- The process of site design. Presented to students of RPTS 402 Park Planning and Design. April 3rd and 5th, 2017.
- Photoshop lessons. Presented to students of RPTS 402 Park Planning and Design. March 29th, April 5th, 2017.
- Sustainable development: Community garden, green roof. Presented to students of URPN 202 Building Better Cities. March 24th, 2017.

- Examples of park and trail design trends and issues. Presented to students of RPTS 402 Park Planning and Design. March 8th and 22nd, 2017.
- Process and Politics – Participation in the process. Presented to students of RPTS 402 Park Planning and Design. February 22nd, 2017.
- The components of community. Presented to students of RPTS 308 Foundations of Community, Community Development and Assessment. Jan 31th, 2017.
- Design visualization. Presented to students of RPTS 402 Park Planning and Design. November 16th, 2016.
- How to create visual collages of landscape design by using Photoshop. Presented to students of RPTS 402 Park Planning and Design. November 14th, 2016.
- Site design – Process and Analysis. Presented to students of RPTS 402 Park Planning and Design. November 7th and 9th, 2016.
- Examples of park design in Korea. Presented to students of RPTS 402 Park Planning and Design. November 2nd, 2016.
- Social impact assessment. Presented to students of RPTS 308 Foundations of Community, Community Development and Assessment. April 7th, 2016.
- Power and the environment. Presented to students of RPTS 605 Community and the Environment. April 6th, 2016. (Graduate-level course)
- The community development continuum. Presented to students of RPTS 308 Foundations of Community, Community Development and Assessment. February 25th, 2016.
- Climate change and environmental disasters. Presented to students of RPTS 605 Community and the Environment. February 24th, 2016. (Graduate-level course)
- History of community development. Presented to students of RPTS 308 Foundations of Community, Community Development and Assessment. February 23rd, 2016.
- History of United States Department of Agriculture (USDA). Presented to students of RPTS 408 Community Development and Supporting Institutions. September 22nd, 2015.
- Graphic design lessons: How to use Photoshop and Illustrator in park design. Presented to students of RPTS 402 Park Planning and Design. April 2nd. 2014.

AWARDS

The 2013 Tourism Society of Korea (TOSOK) International Tourism Conference, 'Best Paper Award' for the paper entitled "Rethinking 'Place' in Tourism Development: A Conceptual Framework for Tourism Planners and Sociologists." Authored by Lee, J. H. & Matarrita-Cascante, D.

7th Agriculture Amenity Environmental Design Competition, Honorable Mention, 2009, Title: Enjoyment – The time for walking over the memories (Amenity planning in Imjin riverside at the Balang Village), The Ministry of Food, Agriculture, Forestry and Fisheries.

5th National Exhibition of Korean Landscape Architecture, Honorable Mention, 2008, Title: 2008.02.10 – The South Gate in Korea, "Operating Landscaping" – Innovating the city by landscaping. Not a covered with only green Pseudo – Ecology but the element with the element, and it should be evolved ecologically between the organic network and edge city.

4th National Exhibition of Korean Landscape Architecture, Honorable Mention, 2007, Title: River Wall, "City Infrastructure – Meet the Landscaping" – A plan to newly change the huge and dense industrial facilities to the smooth and nice ecology by using delicate landscaping. Simply not only handling the outside view but also handling the object in the view with the dark side of system work and function, and reads modern cities of cultured circumstances and changes, and then it can be newly changed into an extension of new social uses or usefulness.

FUNDING AWARDED

Mini-Grant, 2018

Recreation, Park, and Tourism Sciences, Texas A&M University.
Total Amount Awarded: \$600. Research (funds used for attending conference).

Population Studies & Rural Development Scholarship, 2015

Recreation, Park, and Tourism Sciences, Texas A&M University.
Total Amount Awarded: \$1,000. Research.

Office of Graduate and Professional Studies (OGAPS) Graduate Student Presentation Grant, 2015

Recreation, Park, and Tourism Sciences, Texas A&M University.
Total Amount Awarded: \$500. (funds used for attending conference).

Mini-Grant, 2015

Recreation, Park, and Tourism Sciences, Texas A&M University.
Total Amount Awarded: \$400. (funds used for attending conference).

Population Studies & Rural Development Scholarship, 2014

Recreation, Park, and Tourism Sciences, Texas A&M University.
Total Amount Awarded: \$1,000. Research.

John Crompton scholarship, 2013

Recreation, Park, and Tourism Sciences, Texas A&M University, Texas A&M University.

Total Amount Awarded: \$1,300. Research.

**WORK
EXPERIENCE**

Researcher, Winter 2011, Korea Environment Institute, Seoul, Korea.

Internship, Winter 2008, Ctopos Design', Seoul, Korea.

Military Service, Spring 2003 – Summer 2005

**INTERNATIONAL
EXPERIENCES**

Certification of American Language and Culture Program (ALC), 2009
Seoul National University, Seoul, Korea
Attended Stanford University ALC program
Completed 4 weeks English education and visited Silicon Valley, NGO etc.

Certification of Global Leadership Program (GLP), 2007
University of Seoul, Seoul, Korea
Visited public offices for research in London, Frankfurt, Rome and Paris
Scholarship by University of Seoul

Language Study Abroad, 2005
California State University, Fullerton, USA
Completed an English course for 1 semester

**PROFESSIONAL
AFFILIATIONS**

Member, The International Association for Society & Natural Resources (ISSRM),
2018 – Present

Member, Council of Educators in Landscape Architecture (CELA), 2015 – Present

Member, National Recreation and Park Association (NRPA), 2013 – Present

**SOFTWARE
SKILLS**

Graphic Tools: Adobe software (Photoshop, Illustrator, InDesign), AutoCAD, 3D
Studio MAX.

Statistic Tools: IBM SPSS, STATA, ATLAS.ti (Qualitative Data Analysis).

Geospatial Systems: ArcGIS.

MS Office: Microsoft Word, Excel, Power point.