

## Keunhyun Park

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### EDUCATION

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- 2018            Ph.D. in Metropolitan Planning, Policy & Design, **University of Utah**  
Dissertation: Measuring the dynamics of public space use using unmanned  
aerial vehicles (UAVs)
- 2010            Master of Landscape Architecture, **Seoul National University**
- 2008            Bachelor of Science in Agriculture (with concentration on Landscape  
Architecture), **Seoul National University**

### ACADEMIC AND PROFESSIONAL EXPERIENCE

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- 2018 – present    **Assistant Professor**, Department of Landscape Architecture & Environmental  
Planning, Utah State University  
**Co-director**, Visualization, Instrumentation and Virtual Interaction Design  
Laboratory (VIVID) Lab, Utah State University
- 2014 – 2018      **Research Assistant**, Metropolitan Research Center  
Department of City & Metropolitan Planning, University of Utah
- 2010 – 2014      **Researcher**, Urban Research Division,  
Korea Research Institute for Human Settlements
- 2008 – 2010      **Researcher**, Integrated Design and Landscape Aesthetic Laboratory,  
Department of Landscape Architecture, Seoul National University

### PUBLICATIONS

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#### Peer-reviewed Articles (\*: student author)

31. **Park, K.**, Rigolon, A., Choi, D. \*, Lyons, T., & Brewer, S. (2021) Transit to parks: An  
environmental justice study of transit access to large parks in the U.S. West. *Urban Forestry  
& Urban Greening* 60:127055. <https://doi.org/10.1016/j.ufug.2021.127055>
30. Singleton, P., **Park, K.**, & Lee, D. \* (2021). Varying influences of the built environment on  
daily and hourly pedestrian crossing volumes at signalized intersections estimated from traffic  
signal controller event data, *Journal of Transport Geography* 93: 103067.  
<https://doi.org/10.1016/j.jtrangeo.2021.103067>

29. Sabouri, S. <sup>\*</sup>, Tian, G., Ewing, R., **Park, K.**, & Greene, W. (2021). The built environment and vehicle ownership modeling: Evidence from 32 diverse regions in the U.S., *Journal of Transport Geography* 93: 103073. <https://doi.org/10.1016/j.jtrangeo.2021.103073>
28. Kim, K. **Park, K.**, & Nelson, A. C. (in press). The impacts of light rail transit on labor participation and housing affordability in the U.S.: A longitudinal analysis using propensity score matching, *Transportation Research Record: Journal of the Transportation Research Board*.
27. **Park, K.** (2020). Park and neighborhood attributes associated with park use: An observational study using unmanned aerial vehicles (UAVs), *Environment & Behavior* 52(5): 518–543. <https://doi.org/10.1177/0013916518811418>
26. **Park, K.**, Ewing, R., Sabouri, S. <sup>\*</sup>, Choi, D. <sup>\*</sup>, Hamidi, S., & Tian, G. (2020). Guidelines for a polycentric region to reduce vehicle use and increase walking and transit use, *Journal of the American Planning Association* 86 (2): 236-249. <https://doi.org/10.1080/01944363.2019.1692690>
25. **Park, K.**, Christensen, K., & Lee, D. <sup>\*</sup> (2020). Unmanned aerial vehicles (UAVs) in behavior mapping: A case study of neighborhood parks. *Urban Forestry & Urban Greening* 52: 126693. <https://doi.org/10.1016/j.ufug.2020.126693>
24. **Park, K.**, Lee, S., & Choi, D. <sup>\*</sup> (2020). Empty parks: An observational and correlational study using unmanned aerial vehicles (UAVs), *Journal of Digital Landscape Architecture* 5-2020: 262-274. [doi:10.14627/537690028](https://doi.org/10.14627/537690028)
23. **Park, K.**, Sabouri, S. <sup>\*</sup>, Lyons, T. <sup>\*</sup>, Tian, G., Worthen, C., & Ewing, R. (2020). Intrazonal or interzonal? Improving intrazonal travel forecast in a four-step travel demand model, *Transportation* 47(5): 2087-2108. <https://doi.org/10.1007/s11116-019-10002-0>
22. **Park, K.** & Ewing, R. (in press). The usability of unmanned aerial vehicles (UAVs) for pedestrian observation, *Journal of Planning Education and Research*. <https://doi.org/10.1177/0739456X18805154>
21. Stevens, M. **Park, K.**, Tian, G., Kim, K. <sup>\*</sup> & Ewing, R. (in press). Why do some articles in planning journals get cited more than others?, *Journal of Planning Education and Research*. <https://doi.org/10.1177/0739456X19827083>
20. Choi, D. <sup>\*</sup>, **Park, K.**, & Rigolon, A. (2020). From XS to XL urban nature: Examining access to different types of green space using a “just sustainabilities” framework, *Sustainability* 12: 6998. <https://doi.org/10.3390/su12176998>
19. Chen, S. <sup>\*</sup>, Sleipness, O., Xu, Y., **Park, K.**, & Christensen, K. (2020). A systematic review of alternative protocols for evaluating non-spatial dimensions of urban parks, *Urban Forestry & Urban Greening* 53: 126718. <https://doi.org/10.1016/j.ufug.2020.126718>
18. George, B. & **Park, K.** (2020) Flying high: A case study of the integration of drones into a landscape architecture curriculum, *Journal of Digital Landscape Architecture* 5-2020: 246-253. [doi:10.14627/537690026](https://doi.org/10.14627/537690026) [JoDLA Scientific Merit Award]

17. Sabouri, S. <sup>\*</sup>, **Park, K.**, Smith, A., Tian, G., & Ewing, R. (2020). Exploring the influence of built environment on Uber demand, *Transportation Research Part D: Transport and Environment* 81: 102296. <https://doi.org/10.1016/j.trd.2020.102296>
16. Lyons, T., Choi, D. <sup>\*</sup>, **Park, K.**, & Ameli, H. <sup>\*</sup> (2020). Safety and non-optimal usage of a protected intersection for bicycling and walking: A before-and-after case study in Salt Lake City, Utah, *Sustainability* 12: 9195. <https://doi.org/10.3390/su12219195>
15. Tian, G., **Park, K.**, Ewing, R., Watten, M., and Walters, J. (2020). Traffic generated by mixed-use developments—A follow-up 31-region study, *Transportation Research Part D: Transport and Environment* 78: 102205. <https://doi.org/10.1016/j.trd.2019.102205>
14. Zandiatashbar, A. <sup>\*</sup>, Hamidi, S., Foster, N., & **Park, K.** (2019). The missing link between place and productivity? The impact of Transit-Oriented Development on the knowledge and creativity economy, *Journal of Planning Education and Research* 39(4): 429-441. <https://doi.org/10.1177/0739456X19826271>
13. **Park, K.**, Ewing, R., Sabouri, S. <sup>\*</sup>, & Larsen, J. (2019). Street life and the built environment in an auto-oriented US region, *Cities* 88: 243-251. <https://doi.org/10.1016/j.cities.2018.11.005>
12. **Park, K.**, Choi, D. <sup>\*</sup>, Tian, G., & Ewing, R. (2019). Not parking lots but parks: Joint association of parks and transit stations with travel behavior, *International Journal of Environmental Research and Public Health* 16(4): 547. <https://doi.org/10.3390/ijerph16040547>
11. Tian, G., **Park, K.**, & Ewing, R. (2019). Trip and parking generation rates for different housing types: Effects of compact development, *Urban Studies* 56(8): 1554-1575. <https://doi.org/10.1177/0042098018770075>
10. Ewing, R., Tian, G., **Park, K.**, Sabouri, S. <sup>\*</sup>, Stinger, P. & Profitt, D. <sup>\*</sup> (2019). Comparative case studies: Trip and parking generation at Orenco Station TOD, Portland region and Station Park TAD, Salt Lake City region, *Cities* 87: 48-59. <https://doi.org/10.1016/j.cities.2018.12.020>
9. **Park, K.**, Ewing, R., Scheer, B., & Khan, S. <sup>\*</sup> (2018). Travel behavior in TODs vs. non-TODs: Using cluster analysis and propensity score matching, *Transportation Research Record: Journal of the Transportation Research Board* 2672(6): 31–39. <https://doi.org/10.1177/0361198118774159> [TRB ADD30 Best Paper Award]
8. **Park, K.**, Ewing, R., & Scheer, B.C. (2018). The impacts of built environment characteristics of rail-based station areas on household travel behavior, *Cities* 74: 277-283. <https://doi.org/10.1016/j.cities.2017.12.015>
7. **Park, K.** & Ewing, R. (2017). The usability of unmanned aerial vehicles (UAVs) for measuring park-based physical activity. *Landscape and Urban Planning* 167: 157-164. <http://dx.doi.org/10.1016/j.landurbplan.2017.06.010>
6. **Park, K.** (2017). Psychological park accessibility: A systematic literature review of perceptual components affecting park use. *Landscape Research* 42(5): 508-520. <http://dx.doi.org/10.1080/01426397.2016.1267127>

5. **Park, K.** & Park, S. (2016). A preliminary study on usability of unmanned aerial vehicles in observing park users: Focused on urban parks in Busan. *Journal of the Korean Institute of Landscape Architecture* 44(4): 35-44. (in Korean)
4. Kim, J. & **Park, K.** (2013). Functionality and accessibility of linear parks: Comparative case study with conventional neighborhood parks. *Journal of Korea Planners Association* 48(6): 89-106. (corresponding author; in Korean)
3. **Park, K.** & Pae, J. (2013) Landscape as materialized discourse and capital: Political economic interpretation of urban landscape. *Journal of the Korean Institute of Landscape Architecture* 41(6): 117-128. (in Korean)
2. **Park, K.** & Pae, J. (2012). Implication of the city beautiful movement on landscape architectural history and contemporary urban regeneration. *Journal of the Korean Landscape Council* 4(1): 41-60. (in Korean)
1. **Park, K.** & Pae, J. (2008) Design strategies of large park in the International Design Competition for Central Open Space, Korea,” *Journal of the Korean Institute of Landscape Architecture* 36(5): 13-25. (in Korean)

### Books

2. Ewing, R. & **Park, K.** (eds.) (2020). *Advanced Quantitative Research Methods for Urban Planners*, Routledge. <https://www.routledge.com/Advanced-Quantitative-Research-Methods-for-Urban-Planners/Ewing-Park/p/book/9780367343262>
1. Ewing, R. & **Park, K.** (eds.) (2020). *Basic Quantitative Research Methods for Urban Planners*, Routledge. <https://www.routledge.com/Basic-Quantitative-Research-Methods-for-Urban-Planners/Ewing-Park/p/book/9780367343255>

### Book Translation (English to Korean)

2. OECD (2012). *OECD urban policy reviews: Korea*, Korea Research Institute for Human Settlements trans., 2013, Anyang: KRIHS
1. Czerniak, J. & G. Hargreaves eds. (2007). *Large parks*, J. Pae and IDLA trans., 2010, Paju: Jokyong

### Other Publications

6. Kim, K. & **Park, K.** (2020) Case study: 16th Street Mall, Denver, USA, Oh, S. and Heo, J. (eds.) *Urban Design for Pedestrians II*, Anyang, Korea: AURI. (a book chapter; in Korean)
5. **Park, K.** (2015). the High Line in New York, 3<sup>rd</sup> phase: its characteristics and implications. *Architectural and Urban Space* (Vol.16), AURI, pp.52-58. (in Korean)
4. Kim, E., & **Park, K.** (2014). Policy suggestions for effective implementation of the smart growth initiative in non-urbanized areas. *KRIHS Policy Brief* (No.472), KRIHS, pp.1-6. (in Korean)
3. **Park, K.**, Kim, J., & Lee, T. (2014). Role of linear parks on making cities for people. *KRIHS Policy Brief* (No.448), KRIHS, pp.1-8. (in Korean)
2. Park, S., Jung, Y., & **Park, K.** (2013). Shrinking cities and planning implications. *KRIHS Policy Brief* (No.422). KRIHS, pp.1-6. (in Korean)

1. **Park, K.** (2013). Park connector in garden-city Singapore. *Planning and Policy* (No.376), KRIHS, pp.102-108. (in Korean)

## RESEARCH GRANTS

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### Competitively Awarded External Grants

- 2020      **Co-Investigator**, “Long-Range Urban Air Mobility Land-Use Planning for Vertiports” (PI: Brent Chamberlain), Utah Department of Transportation (UDOT) UTRAC (\$30,381)
- Role: developing a framework and spatial criteria for vertiport planning
- 2019      **Co-Investigator**, “A Socio-Ecologic Framework Supporting Individuals with Disabilities’ Community Living and Participation” (PI: Keith Christensen), National Institute on Disability, Independent Living, and Rehabilitation Research (NIDILRR) (\$2,500,000 for five years)
- Role: developing and validating a socio-ecologic community infrastructure planning tool; building a computational community activity model
- Co-Investigator**, “Utilizing archived traffic signal performance measures for pedestrian planning & analysis – Phase II: Extending pedestrian volume estimation capabilities to non-signalized intersections” (PI: Patrick Singleton), Utah Department of Transportation (UDOT) UTRAC (\$50,000)
- Role: processing geospatial datasets and modeling pedestrian traffic volume
- 2018      **Principal Investigator**, “Toward an understanding of the UTA customer experience: Focusing on out-of-vehicle environments,” Utah Transit Authority (UTA) (\$40,000)
- 2017      **Principal Investigator**, “Can a drone monitor park-based physical activity?”, Public Health Grant at experiment.com (a crowdfunding platform for scientific research) (\$3,651)
- 2016      **Principal Investigator**, “A case study of integrated urban regeneration projects utilizing rail station areas,” Research Grant for Young Scholars Abroad, Korea Land & Housing Institute (\$1,000)
- 2015      **Research Assistant/Project Manager (who wrote the proposal)**, “How does transportation affordability vary between TODs and TADs?” (P.I.: Brenda C. Sheer), National Institute for Transportation and Communities (\$35,705)

### Competitively Awarded Internal Grants

- 2017      **Principal Investigator**, “Not parking lots but parks: The impact of urban parks on sustainable travel behavior in station areas,” Graduate Student Research Funding, Global Change and Sustainability Center (GCSC) at the University of Utah (\$1,150)
- 2013      **Principle Investigator**, “Functionality and accessibility of linear parks based on the concept of park welfare,” Korea Research Institute for Human Settlements (\$10,000)

## TEACHING EXPERIENCE

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### Utah State University

- Instructor, **Research Methods in Landscape Architecture** (2 credits; graduate), Spring 2019-2021
- Instructor, **GIS for Environmental Planning** (4 credits; undergraduate & graduate), Fall 2018-2020
- Instructor, **3D Landscape Representation** (3 credits; undergraduate), Fall 2018-2020
- Instructor, **Writing for Publication** (2 credits; doctoral), Spring 2020
- Instructor (co-teaching), **Advanced Geospatial Analysis and Visualization of the Environment (“AGAVe studio”)** (5 credits; undergraduate & graduate; *studio*), Spring 2019
- Instructor (co-teaching), **Graduate Reading Seminar** (1 credit; graduate), Spring 2019, 2020
- Instructor (co-teaching), **Issues in Landscape Architecture** (1 credit; graduate), Fall 2018-2020
- Guest instructor, **Site Analysis and Design I** (4 credits; undergraduate & graduate; *studio*), Fall 2018, 2019

### University of Utah

- Instructor (co-teaching), **Urban Research** (3 credits; graduate), Spring 2018
- Instructor (co-teaching), **Research Methods in Urban Ecology** (3 credits; undergraduate), Fall 2016
- Teaching Assistant, **Urban Design Principles** (3 credits; graduate), Spring 2016

### Seoul National University

- Teaching Assistant, **Topics in Environmental Aesthetics** (3 credits; graduate), Fall 2008
- Teaching Assistant, **Landscape Composition** (3-credit; undergraduate; *studio*), Spring 2008

## AWARDS AND HONORS

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2020	<b>Scientific Merit Award</b> (George, B. and Park, K. “Flying high: A case study of the integration of drones into a landscape architecture curriculum”), <i>Journal of Digital Landscape Architecture</i>
2019	<b>Honorable Mention</b> , “Can Ride-sourcing Services Make Households Less Car-Dependent?”, Lee Schipper Memorial Scholarship
2018	<b>TRB Best Paper Award</b> (Park et al., “Travel Behavior in TODs vs. non-TODs: Using Cluster Analysis and Propensity Score Matching”), Transportation and Land Development Committee (ADD30) of the Transportation Research Board <b>Arthur C. Nelson &amp; Clark Ivory Doctoral Scholarship</b> , Department of City & Metropolitan Planning, University of Utah
2017	<b>CMP (City &amp; Metropolitan Planning) Scholarship</b> , Department of City & Metropolitan Planning, University of Utah <b>Sustainability Teaching Scholar</b> , Sustainability Office, University of Utah

- 2008        **The 3<sup>rd</sup> Prize**, The 2<sup>nd</sup> National Competition of Korea Promising Landscape Architect, Korean Institute of Landscape Architecture & Korea Land Corporation
- 2008        **The 2<sup>nd</sup> Prize**, Design Competition of a Creative Park for Children, Seoul Metropolitan Government
- 2004        **Runner-up Prize**, The 2<sup>nd</sup> Rural Amenity Design Competition, Rural Development Administration
- 2007        **Scholarship for Overseas Field Trip**, Alumni Association of Department of Landscape Architecture, Seoul National University
- 2003 – 2008    **Student Scholarships**, Seoul National University

### **PROFESSIONAL PROJECTS (PLANNING/DESIGN)**

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9. Sutton, L., **Park, K.**, Anderson, D., Powell, J., & Singleton, P. (ongoing). *Active Transportation Plan for North Logan, UT*, North Logan City
8. Seo, M., **Park, K.**, Bae, H., & Kim, Y. (2014). *Urban Design Guideline for Pedestrian, Bicycle, and Transit-Oriented Development*. Ministry of Land, Infrastructure, and Transport
7. Ha, S., **Park, K.**, Kim, J., & Kim, D. (2013). *Urban Design Master Plan for Hong-Neung Global Green Research Complex*. Ministry of Strategy and Finance, Korea
6. Choi, Y., Park, J., **Park, K.**, & Paek, K. (2012). *Greenway Master Plan for Saemangeum Project*. Korea Forest Service
5. Kim, J., **Park, K.**, Choi, Y., & Jung, S. (2012). *Landscape and Urban Design Guideline for Saemangeum Project*. Prime Minister's Office, Korea
4. Lim, S., J. Pae, J., Ahn, M., **Park, K.**, & Lee, K. (2009). *Landscape Planning and Design for Suncheon International Wetlands Center*. Suncheon City Government, Korea
3. Lee, S., Pae, J., **Park, K.**, Lee, S. (2009). *Architectural Design Guideline for Asan*. Asan City Government, Korea
2. Pae, J., Ahn, M., **Park, K.**, & Lee, K. (2008). *Cultural Park Master Plan in Jeongyang Abandoned Railway Site*. Yeongwol City Government, Korea
1. Pae, J., Ahn, M., **Park, K.**, & Chae, A. (2008). *Landscape Plan for "Bio-Korea 2008 Osong Expo."* Korea Land Corporation

### **CONFERENCE PRESENTATIONS**

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- 2021        **Park, K.**, George, B., & Farb, A. Using Padlet and Conceptboard for learner engagement and collaboration: A case study of an online GIS course, CELA 2021 Annual Conference (*virtual*).
- Park, K.** Sanchez, T., & Zuban, J. Landscape Architecture Faculty Performance Evaluation Using Citation Analysis, CELA 2021 Annual Conference (*virtual*).
- Choi, D., Rigolon, A., **Park, K.**, Who Has Access to Street Greenery Corridors? Evidence from Western U.S. Urban Areas, CELA 2021 Annual Conference (*virtual*).

- Singleton, P., **Park, K.**, & Lee, D. Utilizing Pedestrian Push-Button Data for Direct Demand Models of Pedestrian Traffic Volumes at Intersections, TRB 100<sup>th</sup> Annual Meeting (*virtual*).
- Kiani, F., Sabouri, S., Choi, D. & **Park, K.** Definitions, Types and Criteria of Centers in Planning Practice: A Review of 126 Regional Transportation Plans in the U.S. , TRB 100<sup>th</sup> Annual Meeting (*virtual*).
- 2020 **Park, K.**, Choi, D., Rigolon, A., & Lyons, T. Transit to large parks: Exploring spatial distribution of transit accessibility to large parks, ACSP 60<sup>th</sup> Annual Conference (*virtual*).
- Choi, D., Rigolon, A., & **Park, K.** Who has access to street greenery corridors? Evidence from Google Street View and computer vision algorithms, ACSP 60<sup>th</sup> Annual Conference (*virtual*).
- Sabouri, S., Ewing, R., & **Park, K.** Trip Chaining Efficiency in Polycentric Regions, ACSP 60<sup>th</sup> Annual Conference (*virtual*).
- Kim, D. & **Park, K.** The Analysis of Near-Miss Collision Between Pedestrians and Personal Transportation Vehicles: An Application of Unmanned Aerial Vehicles (UAV), ACSP 60<sup>th</sup> Annual Conference (*virtual*).
- Park, K.**, Lee, S., & Choi, D. Empty parks: An observational and correlational study using unmanned aerial vehicles (UAVs), 21<sup>st</sup> Annual International Digital Landscape Architecture Conference (*virtual*).
- George, B. & **Park, K.** Flying high: A case study of the integration of drones into a landscape architecture curriculum, 21<sup>st</sup> Annual International Digital Landscape Architecture Conference (*virtual*).
- Park, K.**, Lee, S., & Choi, D. What makes neighborhood parks under-used?: An observational study using UAVs, CELA 2020 Annual Conference (Louisvill, KY) (*canceled due to COVID-19*).
- Park, K.** Ewing, R., Sabouri, S., Choi, D., Hamidi, S., & Tian, G. Built Environment Criteria for Polycentric Developments: To Reduce Vehicle Use and Increase Walking and Transit Use, TRB 99<sup>th</sup> Annual Meeting (Washington, D.C.).
- Lyons, T., Choi, D., Ameli, H., & **Park, K.** Safety and Nonoptimal Usage of a Protected Bicycle Intersection: A Before-and-After Case Study in Salt Lake City, UT, TRB 99<sup>th</sup> Annual Meeting (Washington, D.C.).
- Sabouri S., **Park, K.**, Smith, Amy, Tian, G., & Ewing, R. Exploring the Influence of Built Environment on Uber Demand, TRB 99<sup>th</sup> Annual Meeting (Washington, D.C.).
- Sabouri S., Choi, D., **Park, K.**, & Ameli, H. Definitions, Types, and Criteria of Centers in Planning Practice: A Review of 126 Regional Transportation Plans in the U.S., TRB 99<sup>th</sup> Annual Meeting (Washington, D.C.).
- Kim, K., **Park, K.**, & Nelson, A.C. The Impacts of Light Rail Transit on Labor Participation and Housing Affordability in the U.S.: A Longitudinal Analysis using Propensity Score Matching, TRB 99<sup>th</sup> Annual Meeting (Washington, D.C.).

- Tian, G. **Park, K.** Ewing, R. Watten, M., & Walters J. Traffic Generated by Mixed-Use Developments—a Follow-Up 31-Region Study Using Consistent Built Environment Measures, TRB 99<sup>th</sup> Annual Meeting (Washington, D.C.).
- Sabouri, S., Tian, G., Ewing, R., & **Park, K.** A Vehicle Ownership (Car Shedding) Model as a Pre-Step of Travel Demand Modeling, TRB 99<sup>th</sup> Annual Meeting (Washington, D.C.).
- 2019 **Park, K.**, Christensen, K., & Lee, D. Use of Drones in Behavior Mapping: A Case Study of Neighborhood Parks, ACSP 59<sup>th</sup> Annual Conference (Greenville, SC).
- Ewing, R., **Park, K.**, Sabouri, S., Choi, D., & Tian, G. Assessment of Polycentric Developments Nationally for Transportation Impacts, ACSP 59<sup>th</sup> Annual Conference (Greenville, SC).
- Tian, G., Ewing, R., **Park, K.**, Sabouri, S., & Miller, M. Varying influences of the built environment on household travel – a follow-up study of 35 diverse regions in the United States, ACSP 59<sup>th</sup> Annual Conference (Greenville, SC).
- Park, K.** Park and neighborhood attributes associated with park use: An observational study using unmanned aerial vehicles (UAVs), CELA 2019 Annual Conference (Sacramento, CA).
- Ewing, R, **Park, K.**, Stinger, P., & Southgate, J. Trip and Parking Generation at Orenco Station TOD and Station Park TAD, RMLUI 2019 Annual Land Use Western Places/Western Spaces conference (Denver, CO).
- Rose, J., Hinners, S., & **Park, K.** Unsheltered homelessness and urban hydrosocial relations: Embodied political ecologies of two Salt Lake City riparian corridors, AAG Annual Meeting 2019 (Washington D.C.).
- Park, K.** & Ewing, R. A new tool for pedestrian observation: Reliability and efficiency of small Unmanned Aircraft Systems (UAS), TRB 98<sup>th</sup> Annual Meeting (Washington, D.C.).
- Park, K.**, Ewing, R., Sabouri, S., & Larsen, J. Neighborhood- and Street-level Built Environment Characteristics Related to Pedestrian Activity in a Western U.S. County, TRB 98<sup>th</sup> Annual Meeting (Washington, D.C.).
- Park, K.**, Sabouri, S., Lyons, T., Tian, G., Worthen, C., & Ewing, R. Intrazonal or Interzonal? Improving Intrazonal Travel Forecast in a Four-Step Travel Demand Model, TRB 98<sup>th</sup> Annual Meeting (Washington, D.C.).
- Ewing, R., Tian, G., **Park, K.**, & Stinger, P. Comparative Case Studies: Trip and Parking Generation at Orenco Station TOD, Portland Region and Station Park TAD, Salt Lake City Region, TRB 98<sup>th</sup> Annual Meeting (Washington, D.C.).
- Zandiatashbar, A., Hamidi, S., Foster, N., & **Park, K.** The Missing Link Between Place and Productivity? The Impact of Transit-Oriented Development on the Knowledge and Creativity Economy, TRB 98<sup>th</sup> Annual Meeting (Washington, D.C.).
- Miller, M., Ewing, R., Dillon, A., Tian, G., & **Park, K.** Effect of D-Variables on Residential Parking Demand, TRB 98<sup>th</sup> Annual Meeting (Washington, D.C.).

- 2018 Choi, D., Rose, J., Hinners, S., & **Park, K.** Mapping and measuring the urban-wildland juxtaposition, 24th International Symposium on Society and Resource Management (ISSRM) (Salt Lake City, UT).
- Choi, D., Hinners, S., Rose, J., & **Park, K.** “Urban-Wildland Juxtaposition Index”: A framework for understanding the human-nature interaction, APA 2018 National Planning Conference (New Orleans, LA).
- Park, K.** Not Parking Lots but Parks: The impact of urban parks on sustainable travel behavior in station areas, 2018 Environment & Sustainability Research Symposium at the University of Utah (Salt Lake City, UT).
- Park, K.,** Ewing, R., Scheer, B.C., & Khan, S.S.A. Travel behavior in TODs vs. non-TODs: Using cluster analysis and propensity score matching, TRB 97<sup>th</sup> Annual Meeting (Washington, D.C.).
- Tian, G., **Park, K.,** & Ewing, R. Trip and parking generation rates for different housing types: Effects of compact development, TRB 97<sup>th</sup> Annual Meeting (Washington, D.C.).
- Ewing, R., Tian, G., **Park, K.,** Stinger, P., & Southgate, J. Trip and parking generation study of Orenco station TOD, Portland region, TRB 97<sup>th</sup> Annual Meeting (Washington, D.C.).
- 2017 **Park, K.** & Ewing, R. The usability of unmanned aerial vehicles (UAVs) for pedestrian observation, ACSP 57<sup>th</sup> Annual Conference (Denver, CO).
- Stevens, M., **Park, K.,** Tian, G., & Ewing, R. Why some articles in planning journals get cited more than others?, ACSP 57<sup>th</sup> Annual Conference (Denver, CO).
- Ewing, R., Tian, G., & **Park, K.** Understanding Transit-Oriented Development (TOD) and Transit-Adjacent Development (TAD), APA Utah Chapter Fall Conference 2017 (Park City, UT).
- Park, K.** Usability of unmanned aerial vehicles (UAVs) to measure park use, APA 2017 National Planning Conference (New York, NY).
- Park, K.,** Ewing, R., Scheer, B.C., & Khan, S.S.A. Travel behavior in TODs vs. non-TODs: Using cluster analysis and propensity score matching, TRB 96<sup>th</sup> Annual Meeting (Washington, D.C.).
- 2016 **Park, K.** “Psychological park accessibility”: A literature review of perceptual components affecting park use. Council of Educators in Landscape Architecture (CELA) 2016 Annual Conference (Salt Lake City, UT).
- Park, K.** & Ewing, R. The impact of urban parks on sustainable travel behavior in station areas, ACSP 56<sup>th</sup> Annual Conference (Portland, OR).
- Park, K.,** Tian, G. & Ewing, R. Does a TOD need a park?, APA 2016 National Planning Conference (Phoenix, AZ).
- Ganning, J., **Park, K.,** & Beaudoin, M. How effective is commuter rail in spatially pairing supply and demand for commuting infrastructure?. TRB 95<sup>th</sup> Annual Meeting (Washington, D.C.).

- 2009 **Park, K.** & Pae, J. City beautiful movement and its implication on landscape architectural history. Korean Institute of Landscape Architecture Conference, pp.68-71 (Seoul, South Korea).  
**Park, K.** & Pae, J. Production and reproduction of landscapes in the capitalist city. International Federation of Landscape Architects Asian-Pacific Region (IFLA APR) Congress, pp.63-72 (Incheon, South Korea).
- 2008 Pae, J., Lee, D., Joo, S., Ahn, M., & **Park, K.** The selection system of distinguished amenity in Korean rural landscape,” 2008 KSRP/RPA International Symposium, pp.105-108 (Tokyo, Japan).

### INVITED TALKS AND GUEST LECTURES

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- 2021 “If you build it, they may not come” TEDxUSU (<https://youtu.be/SBkgi7fwHBA>; 3/5/2021)  
 “Measuring a polycentric structure and planning implications,” University of Seoul (2/2/2021)  
 “Renewed interests in parks during the COVID-19 pandemic and the equity issues,” The Korean Institute of Landscape Architecture (<https://youtu.be/Q-hguUm3rpA>; 1/28/2021)
- 2020 “Smart city and landscape architecture: Understanding the interaction between people and place first,” University of Seoul (11/9/2020)  
 “Planning guide to polycentric developments,” Department of City and Metropolitan Planning, University of Utah (9/22/2020)  
 “Measuring the dynamics of public space use using unmanned aerial vehicles (UAVs),” Texas A&M Design Research for Active Living (DrAL) (6/22/2020)
- 2019 “The connection between good urban design and street vitality,” CNU (Congress of New Urbanism) Utah Annual Breakfast Meeting (11/8/2019)  
 “Building your career as a researcher,” Department of Landscape Architecture and Rural Systems Engineering, Seoul National University (7/1/2019)  
 “Propensity score matching (PSM): A research tool for program evaluation,” Korea Research Institute for Human Settlements (6/18/2019)  
 “Use of drones in public space research,” Department of Landscape Architecture, Dong-A University (6/5/2019)  
 “Writing your dissertation proposal: Measuring the dynamics of public space use using unmanned aerial vehicles”, Department of City and Metropolitan Planning, University of Utah (3/20/2019)
- 2018 “Measuring public space use by drones,” Laboratory of Landscape Ecology & Climate Change Adaptation, Seoul National University (3/10/2018)

## **PERSONAL AND COMMUNITY SERVICE**

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- 2018 – present **Ph.D. curriculum committee member**, Ph.D. program in Landscape Architecture and Environmental Planning, Utah State University
- College undergraduate scholarship committee member**, College of Agriculture and Applied Sciences, Utah State University
- Department scholarship committee member**, Department of Landscape Architecture and Environmental Planning, Utah State University
- 2018 – 2019 **Faculty search committee member**, Department of Landscape Architecture and Environmental Planning, Utah State University
- 2016 – 2017 **Doctoral committee member**, Ph.D. program in Metropolitan Planning, Policy, and Design, University of Utah
- 2008 – 2009 **President of Student Council**, The graduate school of landscape architecture, Seoul National University
- 2004 – 2006 **Conscripted firefighter** (for military service), National Emergency Management Agency (South Korea)
- 2003 – 2004 **Manager and founding member**, Edu-Planner (a startup business in education consulting)

## **GRADUATE COMMITTEE SERVICE**

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### **Utah State University**

- Shuolei Chen, Ph.D. in Landscape Architecture, 2020, member
- Zach Warner, MLA, 2020, member
- Prasanna Humagain, Ph.D. in Civil & Environmental Engineering, 2021 (expected), member
- MD Rafiur Rahman, MS in Civil & Environ Engineering, 2021 (expected)
- Doohong Lee, Ph.D. in Landscape Architecture and Environmental Planning, 2022 (expected), chair
- Lloyd Sutton, MLA, 2022 (expected), chair
- Hooman Hadayeghi, MLA, 2022 (expected), chair
- Sailesh Acharya, Ph.D. in Civil & Environmental Engineering, 2022 (expected), member
- Katelynn Hall, B+MLA, 2022 (expected)

### **University of Utah**

- Dong-ah Choi, Ph.D. in Metropolitan Planning, Policy, and Design, 2021 (expected), member
- Neda Kiani, Ph.D. in Metropolitan Planning, Policy, and Design, 2022 (expected), member

## **REVIEWER OF JOURNAL MANUSCRIPTS AND CONFERENCE ABSTRACTS**

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### **Guest editor**

- *International Journal of Environmental Research and Public Health: Special Issue “Understanding Complex Pathways from Physical Environment to Health in the Era of Ambient Sensing and Big Data”* (with Dr. Behram Wali)

### **Journals**

- *Landscape and Urban Planning | Cities | Journal of Planning Education and Research | Urban Studies | Transportation Research Part D | Environment and Planning B | Case Studies on Transport Policy | Sustainability | Transportation Research Record | International Journal of Environmental Research and Public Health | Sensors | Landscape Research Record | International Journal of Sustainable Development & World Ecology | Urban Design International*

### **Conference Abstracts**

- *Transportation Research Board Annual Meeting*
- *CELA (Council of Educators in Landscape Architecture) conference*
- *World Symposium on Transport and Land Use Research (WSTLUR)*

### **CERTIFICATES**

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**Certificate in Effective College Instruction**, The Association of College and University Educators and the American Council on Education (Apr. 2021)

**Remote Pilot Airman Certificate**, U.S. Federal Aviation Administration (Feb. 2017)

**Engineer Landscape Architecture License**, Human Resource Development Service of Korea (Jun. 2007)

### **PROFESSIONAL AFFILIATIONS**

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Member, American Planning Association (APA)

Member, Association of Collegiate Schools of Planning (ACSP)

Member, Congress for the New Urbanism (CNU)

Member, International Association for Society and Natural Resources (IASNR)

Member, International Association for China Planning (IACP)

Member, Korean Landscape Council

Member, Korea Planners Association

Member, Korean Association of Space & Environment Research

Member, Urban Design Institute of Korea

Member, Korean Institute of Landscape Architecture