

# Sohyun Park

Assistant Professor  
Department of Landscape Architecture  
Texas Tech University  
PO Box 42121, Lubbock, TX 79409-2121  
806-834-1710 (phone) | 806-742-0770 (fax)  
[sohyun.park@ttu.edu](mailto:sohyun.park@ttu.edu)

## PROFESSIONAL APPOINTMENTS

**Assistant Professor**, Department of Landscape Architecture, Texas Tech University, Sep 2014-Present  
**Obesity Research Cluster Fellow**, Texas Tech University Human Sciences, 2017-Present  
**Instructor**, Department of Landscape Architecture, Yeungnam University, 2014  
**Director**, Eco-Research Institute, NEXUS Environmental Design Centre, Korea, 2014  
**Graduate Teaching & Research Associate**, Arizona State University, 2005-2008  
**Research Fellow**, Korea Environment Institute, 2001- 2005  
**Research Fellow**, Korea Research Institute for Human Settlement, 2000-2001

## EDUCATION

**Ph.D. in Environmental Design and Planning**, Arizona State University, Tempe, Arizona, 2005-2011  
Dissertation: Ecological Connectivity Assessment and Urban Dimensions:  
A Case of Phoenix Metropolitan Landscape  
Committee: Prof. Edward Cook (Chair), Prof. Jianguo Wu, Prof. Katherine Crewe  
**Master in Landscape Architecture (M.L.A.)**, Seoul National University, Seoul, Korea, 1998-2000  
Thesis: Application of Nature Environment Audit focused on Natural Resources:  
A Case Study on the Demilitarized Zone (DMZ), Korea  
**Bachelor of Science (B.S.) in Biology**, Sookmyung Women's University, Korea, 1993-1997  
**Mesa Community College**, Geospatial Technologies Program, 2012-2013

## AWARDS, HONORS, AND FELLOWSHIPS

Institute for Inclusive Excellence. Texas Tech University (\$1,500), 2016  
CASNR Research Enhancement Program. Texas Tech University (\$2,500), 2014  
Dissertation Completion Fellowship, ASU Graduate College (\$7,000), 2011  
Student Award, International Association of Landscape Ecology World Congress, 2011  
ACSP (Association of Collegiate Schools of Planning) Scholarship (\$500), 2009  
GPSA Research Grant Award, GPSA, Arizona State University (\$2,000), 2009  
Helios Education Foundation Scholarship Award (\$5,000), 2008

## PUBLICATIONS

### Peer-reviewed Journal Articles

1. **Park, S.** & Sharmin, et al. Downtown Revitalization for New Braunfels in Texas, United States. *Landscape Architecture Frontiers*. ***Under Review***
2. **Park, S.** A Preliminary Study on Connectivity and Perceived Values of Community Landscapes. *Sustainability Journal*. ***Under Review***
3. **Park, S.** (2015) Spatial Assessment of Landscape Ecological Connectivity in Different Urban Gradient. *Environmental Assessment and Monitoring*. 187(7): 187-425.
4. **Park, S.**, Hepcan, Ç, Hepcan, Ş., Cook, E. A. (2014) Influence of Urban Form on Landscape Pattern and Connectivity in Metropolitan Regions: A Comparative Case Study of Phoenix, Arizona, USA and Izmir, Turkey, *Environmental Monitoring and Assessment*. 186(10):6301-6318.
5. **Park, S.** (2013) Spatiotemporal Landscape Pattern Change in Response to Future Urbanization: A Case of the Maricopa County, Arizona, USA. *Landscape Research*. 38(5): 625-648.

### Peer-reviewed Journal Articles (In-Korean)

1. Sim, Y.J., Cho, D.G., **Park, S.**, Lee, D.J., Seo, Y.H., Kim, S.H., Kim, D.H., Kho, S.B., Cha, J.Y., Sung, H.C. (2014) Development of Habitat Suitability Index (HSI) for Habitat Restoration of Narrow-mouthed Toad (*Kaloula borealis*), *Korea Environmental Restoration Technology Journal*. 17(2):109-123.
2. Park, Y.H., Kim, K., Sung, H.C., Lee, G., **Park, S.**, Choi, J. (2007) Recognition and Improvement of Rural Landscape Management System, *Korea Rural Planning Journal*. 13(3): 103-110.
3. Choi, J., **Park, S.**, Lee, D.K., Shin, K., Hong, T. (2006) Guidelines for the Establishment and Vitalization Scheme on Facility of Nature Environmental Conservation and its Utilization, *Korean Environmental Restoration and Technology Journal*, 9(4): 36-51.
4. Choi, J., **Park, S.**, Lee, D.K. (2005) Spatial Analysis on the Facility of Nature Environmental Conservation and Its Utilization, *Korean Society for Environmental Restoration and Revegetation Technology Journal*, 8(1): 52-62.

### Peer-reviewed Books (Translated books)

1. Cho, D.G., **Park, S.**, Cha, J.Y., Cho, S.H., Roh, B.G., Kim, S.W., Yang, Y.J. (2016) Project Planning and Management for Ecological Restoration (Translation into Korean) for the original book written by John Rieger, John Stanley, and Ray Traynor, Island Press
2. Cho, D.G., **Park, S.**, Cha, J.Y., Cho, S.H., Roh, B.G., and Kim, S.W. (2015) Ecological Restoration: Principles, Values, and Structure of an Emerging Profession (translation into Korean) for the original book written by Andre F. Clewell and James Aronson (Eds.), Island Press.

### Peer-reviewed Book Chapter

1. Gamzøe, L. and **Park, S.** (2012) Turning Cities Around, a book chapter of Remaking Metropolis: Global Challenges of the Urban Landscape (Eds. Cook, E.A. and Lara, J.) Routledge: New York. Paperback 978-0-415-67082-1; Hardback 978-0-415-67081-4.

### Peer-reviewed Book Reviews

1. **Park, S.** (2010) Book Review: Restorative Commons: for Restorative Commons: Creating Health and Well-Being Through Urban Landscapes, Campbell, L. and A. Wiesen (eds.), U.S. Department of Agriculture, Forest Service, Northern Research Station, Newtown Square, PA., 2009, 278 pp. Gen. Tech. Rep. NRS-P-39. Landscape Ecology 25(10): 1627-1628.
2. **Park, S.** (2011) Book Review: Balance and Reconciliation between Planning and Ecology for Urban Region: for Urban Regions, Richard T.T. Forman, Cambridge University Press, Cambridge, 2008, 408 pp. Urban Studies Journal 48(4):832-835

### Invited Articles + Papers (Non peer-reviewed)

1. **Park, S.** (2016) Member Spotlight. Restoration Update (monthly bulletin), Texas Society for Ecological Restoration, January 2016 Issue.
2. **Park, S.** (2015) Trend and Characteristics of Ecological Restoration in U.S. Nature Environment Restoration Information.
3. **Park, S.** (2008) Localization of Global Climate Change: Greenhouse Gas Emissions Control in North America Cities, Korea Research Institution for Human Settlement

### Research & Technical Reports (In-Korean)

\*Funding agencies are indicated in brackets.

1. Cho, D.G, **Park, S.** et al. (2015) Developing Restoration Techniques of Endangered Species Habitat for Ecosystem Integrity in Urban Areas. Nexus Environmental Design Center. [Ministry of Environment & Korea Environmental Industry & Technology Institute]
2. Lee, K.G., Lee, J.,H., Jo, D.G., **Park, S.** (2014) Inland wetland restoration guideline development. Nexus Environmental Design Center. [Ministry of Environment]
3. Jo, D.G., Hong, J.P., **Park, S.**, Lee, J.H. (2014) Model development of Korea's Community Garden, Nexus Environmental Design Center. [Korea Rural Development Administration]
4. Jo, D.G., Hong, J.P., **Park, S.**, Sim, Y.J., Lee, D.J., Seo, Y.H., Kim, S.H., Kim, D. H. (2014) A Study on Feasibility of Campground in Mudeungsan National Park. Nexus Environmental Design Center. [Mudeungsan National Park Service]
5. Choi, J., Choi, J.K., **Park, S.** (2005) Development of Operation System for Implementing Environmental Impact Assessment in the Antarctic Region, Korea Environment Institute. [Ministry of Environment]

6. Kim, K., Park, Y.H., Choi, J., Park, J., **Park, S.** (2005) Landscape Assessment and Management in Rural Areas: Aesthetic and Economic Values and Environmental Policy, Korea Environment Institute. [Ministry of Environment]
7. Jung, H.L., Lee, H.W., Yoo, H.S., Kwon, Y.H., Rho, T.H., **Park, S.** (2003) Landscape Ecological Method in Environmental Impact Assessment, Korea Environment Institute. [Ministry of Environment]
8. Jung, H.L., Lee, H.W., Yoo, H.S., Kwon, Y.H., Roh, T.H., **Park, S.** (2005) In/Ex-situ Conservation of *Corylopsis coreana* UYEKI using Community Cooperation Model, Korea Environment Institute. [Ministry of Environment]
9. Choi, J. & **Park, S. et al.** (2005) Guidelines on Establishment and Operation of Environmental Conservation Facilities, Korea Environment Institute. [Ministry of Environment]
10. Choi, J. & **Park, S. et al.** (2005) Virtual Environmental Impact Assessment for Human Activities in the Antarctic Region, Korea Environment Institute. [Ministry of Environment]
11. Choi, J. & **Park, S. et al.** (2004) Environmental Carrying Capacity Model and Indicators Development, Korea Environment Institute. [Ministry of Environment]
12. Lee, B.G. & **Park, S. et al.** (2004) Implementation Approach for Total Load Management System in the Nackdong River Watershed, Korea Environment Institute. [National Institute for Environmental Research]
13. Kim, Y.B. & **Park, S. et al.** (2003) A Study on Peaceful Utilization of Land in the Imjin River Basin through South-North Korea Cooperation, Korea Research Institute for Human Settlement. [Ministry of Construction and Transportation]
14. Jeon, S.W and **Park, S.** (2001) A Study on National Ecological Network Development, Korea Environment Institute. [Ministry of Environment]
15. Kim, Y.B. & **Park, S. et al.** (2001) Long-term Comprehensive Planning for Effective Land Use in Shiwha Reclaimed Areas, Korea Research Institute for Human Settlement. [Korea Water Resources Corporation]
16. Park, J.G. & **Park, S. et al.** (2000) Seoul Metropolitan Regional Plan Development and Greenbelt Management, Korea Research Institute for Human Settlement. [Ministry of Construction and Transportation, City of Seoul, City of Incheon, and Kyunggi Province]
17. Kim, K., & **Park, S. et al.** (2000) A detailed Study and Proposal for Environmental Sound and Sustainable Development in Northern Kyeonggi Province, Seoul National University. [UNDP; ROK/96/007]
18. Kim, K. and **Park, S.** (2000) Guidelines on Natural Environment Audit and Monitoring System: Kyunggi Agenda 21, Seoul National University. [Kyunggi Province]
19. Kim, K., & **Park, S. et al.** (1999) Feasibility Study and Master Planning for Establishment of Natural Environment Research Park, Seoul National University. [Kangwon Province]
20. Kim, K., & **Park, S. et al.** (1999) Creating a 'Green City Hanam': Formulating Integrated Guidelines and Framework for Eco-city, Seoul National University. [UNDP; ROK/99/003]
21. Kim, K., & **Park, S. et al.** (1998) An ESSD Model for Rural Farmland and Agricultural Resources in the Daeho Agricultural Tideland, Seoul National University (UNDP; ROK/98/006)
22. Kim, K., & **Park, S. et al.** (1998) Master Plan for Environmental Model City, Seoul National University. [City of Donghae]

## GRANTS AWARDED

- 2015
1. National Park Service's American Battlefield Protection Grant Program. Palmito Ranch Battlefield National Register Nomination. August 2015-July 2017. \$40,000, PI (80%)
  2. Evaluating Trans-boundary Landscapes for Ecosystem Services in Demilitarized Zone (DMZ) in Kore, TTU IRDD-OIA's International Research Seed Grant. January 2015-December 2015. \$2,000. PI (100%)
  3. Texas Tech CASNR Research Enhancement Program. Delivering Natural Resources and Environmental Planning Curricula: Reaching Diverse Students through Distance Delivery. January 2015-December 2015. \$2,500, Co-PI (50%)
- 2014
4. Feasibility Analysis of Green Buffer Development in the Ulsan Industrial Area, Korea Ministry of Environment. January 2014-December 2015. \$180,000. PI (50%)
  5. A Study on the Mudungsan Mountaintop Restoration, Energy Institute. South Korea. \$30,000. January 2014-July 2014. PI, 100% role
  6. Feasibility Analysis, Natural Survey and Planning for Three Provincial Parks in Kangwon, Korea, Kwangwon Province. January 2014-December 2015. \$300,000. PI (50%)
  7. Creating Urban Habitats for Healthy Ecosystems, Korea Ministry of Environment, January 2014-December 2015. \$400,000. (50%)

## GRANTS PENDING REVIEW

- 2017
1. NSF Smart and Connected Communities (S&CC) Research Coordination Networks (RCN). \$500,000, Consultant (25%)
  2. EPA National Student Design Competition for Sustainability Focusing on People, Prosperity and the Planet (P3). Grate Solutions: A Novel Approach for Storm Water Quality and Flooding Control. \$15,000, PI (100%)
  3. National Park Service's American Battlefield Protection Program (ABPP). Comprehensive Preservation Planning for Palmito Ranch Battlefield. \$81,252, PI (100%)
  4. CLASS Fund. An Experimental Study: Use of Vegetation in Mitigating Fine Particulate Matter (PM<sub>2.5</sub>). \$25,000, PI (80%)

## GRANTS SOLICITED

- 2016
1. The CH Foundation. East Lubbock GREEN: **G**ardens, **R**esources, **E**ducation and **E**cology in the **N**eighborhood. \$123,235, Co-PI (30%).
  2. USDA National Institute of Food and Agriculture's Higher Education Challenge. Increasing Student Access and Diversity in Environmental Rangeland Planning. \$149,617, Co-PI (40%).
  3. Foundation for Food and Agriculture Research New Innovator in Food and Agriculture Research Award. Transitioning Toward Healthy, Equitable and Sustainable Food Systems PI (100%). Limited Submissions. \$104,784, PI (100%)
  4. National Fish and Wildlife Foundation's Five Star and Urban Waters Grant Program. Playa Wetland Restoration and Education: A Model for Community Environmental Stewardship. \$42,000, PI (70%)

- 2015
5. US Department of the Army Corps of Engineers. Site Analysis: Quantifying Ecological Implications Given Changes to the Utility Systems. Co-PI (30%)
  6. USDA National Institute of Food and Agriculture's Higher Education Challenge Grant. Increasing Student Access and Diversity in Environmental Rangeland Planning. \$149,440, Co-PI (40%).
  7. National Fish and Wildlife Foundation's Five Star and Urban Waters Grant Program. Bioswale Design and Implementation around a Playa Lake: A Model for Neighborhood Environmental Stewardship. \$30,000, PI (70%)
  8. Texas Tech Worldwide eLearning Course Development Grant Program. \$5,000. PI (100%).

## CONFERENCE PRESENTATIONS

\*Asterisk denotes student presentations.

- 2017
1. \*Ross, M.K. & **Park, S.** Landscape Reimagined: Ecology as Design Intervention. Oral presentation, CELA (Council of Educators in Landscape Architecture) Annual Conference, May 26-29, 2017, Beijing, China.
  2. **Park, S.** Palmito Ranch Battlefield Landscape: Cultural Heritage, Ecological Values, and Emerging Challenges. Oral presentation, Association of American Geographers (AAG) Annual Conference, April 5-9, 2017, Boston, MA.
  3. **Park, S.** Urban Habitat Design. Oral presentation, ASLA West Texas CEPH Workshop, Feb 11, 2017, Texas Tech University, TX.
- 2016
4. **Park, S.** & \*Horsford, J. Forgotten Ecosystem Services: Conflicting Values between Storm Water Management and Ecological Integrity in Urban Playa Lakes. Oral presentation, CELA Annual Conference, March 23-26, 2016, Salt Lake City & Logan, UT.
  5. Klein, C., **Park, S.**, & Luo, Y. Five to Four: What Difference Does A Year Make? Panel Discussion, Texas Chapter of American Society of Landscape Architects Annual Conference, April 28-29, 2016, Fort Worth, TX.
  6. **Park, S.** & Cho, D.K. Developing Habitat Restoration Model for Narrow-mouth Frog (*Kaloula borealis*). Oral presentation, Society for Ecological Restoration Texas Chapter, November 13-15, 2016, San Antonio, TX.
- 2015
7. **Park, S.** Shim, Y.J., Cho, D.G., and Ko, S.B. Development of Habitat Suitability Index (HSI) for Habitat Restoration of Narrow-mouth Frog (*Kaloula borealis*). Oral presentation, CELA (Council of Educators in Landscape Architecture) Annual Conference, March 24- 28, 2015, Kansas University, Manhattan, Kansas, USA.
  8. **Park, S.** Urbanite vs. Suburbanite: A preliminary case study on community landscape preference and ecological quality, Oral presentation, CELA Annual Conference, March 24-28, 2015, Kansas University, Manhattan, Kansas, USA.
- 2014
9. Sim, Y.J., Cho, D.G., **Park, S.**, et al., A Study on Development of Habitat Suitability Index (HSI) for Habitat Restoration of Narrow-mouthed Toad (*Kaloula borealis*), Oral presentation, Spring Plenary of the Korea Society for Environmental Restoration and Technology, April 11<sup>th</sup> 2014, Seoul, Korea.

10. **Park, S.** First Step to Green Infrastructure in Changing Climate (Plenary Speaker), the 10th International Symposium of Global Ecoculture Forum, Oct 30-Nov 1, 2014, Seoul, Korea.
- 2013 11. **Park, S.** Case Study: Physical Characteristics and Residents' Perception of Neighborhood Green Spaces in the Phoenix Metropolitan Area, Oral presentation, US-IALE 2013 Annual Symposium, April 14-18, 2013, Austin, Texas, USA.
- 2012 12. **Park, S.** Ecological evaluation of green spaces at neighborhood scale, Oral presentation, ACSP 53<sup>rd</sup> Annual Conference, Nov. 1-4, 2012, Cincinnati, Ohio, USA.
- 2011 13. **Park, S.** Least-cost modeling for ecological connectivity assessment in urban desert landscape, Ph.D. Poster Exhibit, Herberger Institute of Design and the Arts Design Gallery, Sep 24-Oct.8, 2011, Tempe, USA.
14. **Park, S.** Urban morphology and landscape connectivity in metropolitan regions with cultural difference, oral presentation, 8<sup>th</sup> IALE World Congress, August 18-23, 2011, Beijing, China.
15. **Park, S.** GIS-based ecological connectivity assessment along urban modification gradient: Phoenix, Arizona metropolitan landscape, Oral presentation, US-IALE (US Regional Chapter of International Association for Landscape Ecology) Annual Conference, April 3-7, 2011, Portland, Oregon, USA.
16. **Park, S.** What characterizes ecologically sustainable community? Oral presentation, CELA Annual conference, March 30- April 2, 2011, University of Southern California, Los Angeles, USA.
- 2010 17. **Park, S.** Landscape connectivity and urban density, Ph.D. Poster Exhibit, Sep 28- Oct 16, 2010, Herberger Institute of Design and the Arts Design Gallery.
18. **Park, S.** Effects of urbanization on ecosystem loss and connectivity in Maricopa County, Arizona, Ph.D. Poster Exhibit, Sep 28- Oct 16, 2010, Herberger Institute of Design and the Arts Design Gallery.
19. **Park, S.** Landscape connectivity assessment in the Phoenix metropolitan region: an integrative approach of landscape ecology and planning, Oral presentation, CELA Annual Conference, May 12-14, 2010, Maastricht, The Netherlands.
20. **Park, S.** Urban ecosystem pattern change in response to future urban developments in Maricopa County, AZ, USA, Poster presentation, US-IALE 25<sup>th</sup> Anniversary Symposium, April 5-9, 2010, Athens, Georgia, USA.
- 2006 21. **Park, S.** Accessing nature as ecological public spaces, Oral presentation, International symposium on universal design and visitability: from accessibility to zoning, July 13-14, 2006, Ohio State University, USA.
- 2005 22. **Park, S.** A study on the guideline in constructing nature environmental conservation and its utilization, Oral presentation, Spring Plenary of the Korea Society for Environmental Restoration and Revegetation Technology, March 18, 2005, SH Corporation, Seoul, Korea.
- 2003 23. **Park, S.** Land use change and conservation assessment in Imjin river basin, Oral presentation, Spring Plenary of the Korea Society for Environmental Restoration and Revegetation Technology, May 9-10, 2003, Urban Development Corp.: Seoul, Korea.
- 2002 24. Kim, Y. & **Park, S.** A basic study on the concepts and methodologies of a national ecological network, Oral presentation, Korea Society for Environmental Restoration and Revegetation Technology, Oct. 18-19, 2002, Korea Water Resources Corp, Seoul, Korea.

25. Jeon, S. & **Park, S.** A new strategy in nature policy: national ecological network in South Korea, Oral presentation, The INTECOL (International Association for Ecology) International Congress, August 11-18, 2002, COEX, World Trade Center: Seoul, Korea.
26. **Park, S.** Strategies for urban green spaces network, Oral presentation, November 21, 2002, New National Land Council, Seoul, Korea.

## INVITED LECTURES

- |      |  |
|------|--|
| 2017 | 1. The Sustainable SITES Initiative (SITES), West Texas Chapter of American Society of Landscape Architecture CEPH (Continuing Education Program Hours) Day. Feb 11, 2017, Texas Tech University |
| 2016 | 2. Korea DMZ's Ecosystems & Landscapes, Nov 3, 2010, LARC 2302 Landscape Architecture History. Texas Tech University   |
| 2015 | 3. Contemporary Landscape Practices in Korea, Oct 29, 2015, LARC 2302 Landscape Architecture History. Texas Tech University  |
|      | 4. Urban Playa Lakes and Storm Water Management, July 30, 2015, iSTEM/PRISM Summer Research Program. Texas Tech University   |
|      | 5. Ecological Restoration and Climate Change, June 11, 2015, Department of Environmental Ecology and Technology. Korea University. Korea.  |
|      | 6. Environmental Ecology Trends in U.S., June 9, 2015, Department of Environmental Landscape Architecture. Sangmyung University. Korea.  |
| 2014 | 7. Korean Garden History, March 9, 2014, Introduction of Landscape Architecture. Texas Tech University   |
| 2011 | 8. Urban Spaces and Ecological Restoration. Department of Landscape Architecture, Kangwon University. Korea  |
|      | 9. Sustainability of Metropolitan Landscapes: Landscape Ecological Perspectives. Urban Ecological Design Seminar. Arizona State University.  |
| 2007 | 10. Landscape Ecology: Theory and applications. Kangwon University. Korea  |
| 2005 | 11. Environmental Law and Legislation. e-Learning Institute for Environmental Policy.  |
|      | 12. Fundamental Theory and Practice in Geographical Information System & Remote Sensing. Sangmyung University. Korea   |
| 2002 | 13. Concept and Case Studies of National Ecological Network, Urban Ecology Graduate Program. Hanyang University. Seoul. Korea  |

## TEACHING

### Courses Taught at Texas Tech University

- |           |  |
|-----------|--|
| LARC 6203 | Thesis Research, Preparation, and Organization (2 Credit Hours, Spring 2015, 2016, 2017) |
| LARC 4401 | Urban Design Studio (4 Credit Hours, Fall 2015, 2016)                                    |
| LARC 5301 | Advanced Urban Design Studio (4 Credit Hours, Fall 2015, 2016)                           |
| LARC 2401 | Landscape Architecture Principles (4 Credit Hours, Summer 2015, 2016)                    |

LARC 5401	Design Principles (4 Credit Hours, Summer 2015, 2016)
LARC 4402	Regional Planning and Design Studio (4 Credit Hours, Spring 2015, 2016, 2017)
LARC 6402	Regional Landscape Planning Studio (4 Credit Hours, Spring 2015, 2016, 2017)
LARC 4302	Environmental Planning for Sustainable Development (3 Credit Hours, Fall 2014, 2015, 2016)
LARC 5302	Advanced Environmental Planning for Sustainable Development (3 Credit Hours, Fall 2014, 2015, 2016)
LARC 6306	Special Problems (Spring 2017)
LARC 7000	Research (Fall 2015 to present)

### Courses Taught or Assisted at Arizona State University

LPH 598	Landscape Ecology & Planning, co-teaching with Prof. Edward Cook (Spring 2008)
LTC 446	Landscape Construction, coordinated field trips to restoration sites (Spring 2008)
PUP 200	Planned Environment, assisted Prof. Joochul Kim (Fall 2007)
ALA 121	Environmental Design Studio, instructor (Fall 2007)
ALA 200	Introduction of Architecture & Landscape Architecture, assisted Prof. John Meunier (Fall 2006)
APH 294	Culture of Space, group coordinator, Prof. Nan Ellen (Fall 2006)
ALA 120	Environmental Design Studio, co-teaching with Prof. Eric Weber (Fall 2006)
APH 313	History of Architecture, assisted Prof. Thomas Morton (Fall 2005)

### Courses Taught at Yeungnam University

Landscape Analysis: Theory and Practice, Department of Landscape Architecture  
Fundamentals in Urban Planning, Department of Landscape Architecture (Spring 2014)

### **STUDENT COMPETITION ADVISEMENT**

2017	<ul style="list-style-type: none"><li>• EPA P3 Student Design Competition (Kaitlin Craig, Evan Cuyler, Richard Hancock, Zack Mafriji, Nwasi Menkiti, Michael South)</li><li>• Texas Chapter of the American Society of Landscape Architecture Student Design Competition (Henry Oliver, Evan Cuyler, Jared Horsford, Kaitlin Craig, Natalie Campbell, Olivia Ross, Hanna Crabtree)</li></ul>
2016	<ul style="list-style-type: none"><li>• Texas Tech 3-Minutes Presentation Thesis Competition (Afsana Sharmin)</li></ul>
2015	<ul style="list-style-type: none"><li>• Annual Graduate School Poster Competition. Texas Tech University (Michael Ross)- 1st Place Humans and Environment Section</li><li>• American Society of Landscape Architecture Student Design Competition (Derek Gay, Blane Potts, Afsana Sharmin)</li><li>• Texas Chapter of the American Society of Landscape Architecture Student Design Competition (Michael Ross, Jared Horsford, Afsana Sharmin)</li><li>• Texas Tech 15th Annual Graduate School Poster Competition (Michael Ross, Afsana Sharmin, Joanna Aduhene)</li></ul>

## THESIS/DISSERTATION COMMITTEE

### Current

#### Chair, Doctoral Dissertation Committee

- 1) Milad Fereshtehnezhad (LPMD Doctoral student, 2015-Anticipated graduation 2018)  
Landscape Urbanism and New Urbanism: Potentialities Presented by Polarities (tentative title)
- 2) Afsana Sharmin (LPMD Doctoral student, 2017- Anticipated graduation 2019)  
Parametric Design for Air Quality Mitigation (tentative title)

#### Chair, Master Thesis Committee

- 1) Michael Ross (MLA, 2014- Anticipated graduation 2017)  
Landscape Re-Imagined: The Chicago River and the Clybourn Industrial Corridor Ecology as Design Intervention (tentative title)
- 2) Afsana Sharmin (MLA, 2015-Anticipated graduation 2017 )  
Playground Design (tentative title)
- 3) Kelly Aaron (MLA, 2014-Anticipated graduation 2017)  
To Infinity and Beyond: Future Funerary Practices and Landscape Design (tentative title)

#### Member, Master Thesis Committee

- 1) Jared Horsford (MLA, 2014-Anticipated graduation 2017)  
Modeling Surface Hydrology of the Llano Estacado for Sustainable Development and Water Security (tentative title)
- 2) Seyedeh Behnoush Ghodsi (MArch, 2015-Anticipated graduation 2017)  
Creating Play Spaces in Urban Blocks (tentative title)
- 3) Michael Hall (MLA, 2014-Anticipated graduation 2018)  
Multifunctional Park Design in Amarillo, Texas (tentative title)

### Completed

#### Master Thesis Committee Member

- 1) Milad Fereshtehnezhad (MArch, Year Graduated: 2015)  
Intensity Morphology in Landscape Urbanism: Digitally designed projection of a Historic Urban Condition through the Lens of Contemporary Urban Theories
- 2) Ephraim Strasser (MLA, Year graduated 2015)  
Artful Rainwater Design: A Creative Approach To Stormwater Management
- 3) Aura Dominguez (MLA, Year graduated 2016)  
Co-housing Community for People with Physical Disabilities

## PROFESSIONAL SERVICES

### University Level

- |         |  |
|---------|--|
| 2016-17 | • Vice-president, The Honor Society of Agriculture Gamma Sigma Delta, 2016 |
| 2016    | • Graduate Dean's Representative: Kamal Humagain, a PhD candidate defense  |
| 2015    | • TTU iSTEM Summer Program Lecture & Field Trip Coordination               |
| 2010    | • Research Grant Reviewer, GPSA, ASU.                                      |

- 2008 • Teaching Excellence Award Reviewer, GPSA, ASU.
- 2007 • Website Manager, Graduates in Integrative Society and Environment Research, ASU.
- Recruitment officer, Parks and Open Space Student Organization, ASU.

### College Level

- 2015 • Landscape Architecture Department Chair Search Committee
- 2014-present • CASNR Research and Graduate Programs Committee, College of Agriculture Sciences and Natural Resources, Texas Tech University.

### Departmental Level

- 2014-Present • Landscape Architecture Technology Committee
- Departmental Facebook page manager
- Acting Chair in three instances
- Design critic to senior student presentations for LARC4507 (Feb, March & May)
- Guest Reviewer, ALA121 Environmental Design Studio, ASU.
- Guest Reviewer, ADE621 Advanced Architectural Studio III, ASU.

### Professional Level

- 2015-18 • Co-Track Chair for Sustainability Track. Council of Educators in Landscape Architecture
- 2017 • Co-Editors of Landscape Research Record
- Journal reviewer. Ecosystem Services. Urban Ecosystems Services in Territories-in-Between: Comparing the Landscape Fragmentation and Accessibility of Green Spaces across Europe.
- 2016 • Review Committee for CELA 2017 Conference
- Advisory committee member, Korean National Park Restoration Plan, Korea National Park Services
- Journal editorial board member, Korea Society for Environmental Restoration Technology (KSERT)
- Journal reviewer. Landscape and Ecological Engineering. Landscape dynamics and driving forces of wetlands in the Tumen River Basin of China over the past 50 years
- 2015 • Review Committee for CELA 2015 Conference
- Conference abstract reviewer. (5 abstracts in the track of People-Environment Relationships and 2 abstracts in the track of Sustainability)
- Conference abstract reviewer. CELA 2015 Annual Conference, Strategies for urban ecological greenway planning in the Bartin River, Turkey.
- 2014 • Consultant. Gender impact assessment for public policy, planning, and projects. Ministry of Gender Equality and Family, Korea.
- Advisory committee member. Gender impact assessment for public facilities in urban parks, Ministry of Gender Equality and Family, Korea.
- Journal reviewer. Environmental Management, Impacts of transportation routes on landscape diversity: A comparison of different route types and their combined effects.

- 2013
  - Journal reviewer. Urban Studies, Impact of future climate change on environmental change analysis using the urban growth model in South Korea's greenbelts
- 2012
  - Journal reviewer. Landscape and Urban Planning, Assessing the capacity of different urban forms to preserve the connectivity of ecological habitats.
- 2011
  - Seminar coordinator. Discussing the State of Arizona State Parks, Parks and Open Space Student Organization (Nov. 17)
  - Journal Reviewer. Urban Studies, A Spatial Hedonic Analysis of the Value of Urban Land Cover in the Multifamily Housing Market in Los Angeles, CA.
- 2010
  - Moderator. Landscape Ecology and Planning Session, of CELA (Council of Educators in Landscape Architecture) Annual Conference, Maastricht, the Netherlands.
  - Book chapter reviewer. Finding meaning in the land through pattern and process: current trends in land pattern analysis, Lectures in Modern Ecology (IV), Higher Education Press, China.

## PROFESSIONAL AFFILIATION

- American Society of Landscape Architecture (ASLA)
- The Association of Collegiate Schools of Planning (ACSP)
- Council of Educators in Landscape Architecture (CELA)
- International Association of Landscape Ecology (IALE)
- The Society for Conservation GIS (SCGIS)
- Society for Urban Ecology (SURE)
- Korea Society for Environmental Restoration Technology (KSERT)

## PROFESSIONAL DEVELOPMENT

- Institute for Inclusive Excellence. Texas Tech University. 2016-2017.
- CASNAR Advising Academy. Texas Tech University. Full attendance for 4-week sessions in October, 2016.
- Cultivation: Mentoring Graduate Students. Interactive Play presented by Theater Delta. Texas Tech Graduate School. Sep 7, 2016.
- New Partners for Smart Growth Conference. Portland, Oregon. Feb 11-13, 2016.
- Grant Writing Workshop. Arlington, Texas. August, 16, 2015.
- Tenure Academy. Texas Tech TLPDC. Nov 20, 2014; Nov 10, 2015.
- Annual ACSP Conference. Houston, Texas. Oct 22-25. 2015.
- NSF Workshop. Texas Tech Rawls College of Business. May 20, 2015.
- TLPDC Advancing Teaching & Learning Conference, Lubbock, Texas. Feb 27, 2015.
- West Texas CEPH Meeting. Texas Tech University. Jan 31, 2015.
- Preparing Future Faculty. Participatory Phase. Arizona State University. 2008-2009.
- Preparing Future Faculty. Exploratory Phase. Arizona State University. 2007-2008.