

**YEKANG KO, Ph.D.**

Assistant Professor / BLA Director  
Department of Landscape Architecture  
University of Oregon

Program Director  
Sustainable Cities and Landscapes Hub  
Association of Pacific Rim Universities (APRU)

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[Researchgate](#) / [Google Scholar](#)

**EDUCATION**

UNIVERSITY OF CALIFORNIA, BERKELEY  
Ph.D. Landscape Architecture and Environmental Planning, 2012

GRADUATE INSTITUTE OF PEACE STUDIES, KYUNG HEE UNIVERSITY, Namyangju, South Korea  
M. Area Studies (Asia-Pacific Studies), 2007

KOREA UNIVERSITY, Seoul, South Korea  
B.S. Environmental Science and Ecological Engineering, 2005

**ACADEMIC APPOINTMENTS**

2016—present	<i>Assistant Professor</i> Department of Landscape Architecture UNIVERSITY OF OREGON (UO)
2012—2016	<i>Assistant Professor</i> Department of Planning and Landscape Architecture UNIVERSITY OF TEXAS, ARLINGTON (UTA)
2011	<i>Lecturer</i> Department of Landscape Architecture and Environmental Planning UNIVERSITY OF CALIFORNIA, BERKELEY (UCB)

**RESEARCH & TEACHING INTERESTS**

Urban energy planning, green infrastructure performance, climate change planning and design, environmental education, community service learning, Asia-Pacific region

**PUBLICATIONS** (\*denotes doctoral student advisee)

**Peer-reviewed Articles**

A.W. Foss\* and Ko, Y. 2019. Barriers and opportunities for climate change education: the case of Dallas-Fort Worth in Texas. *The Journal of Environmental Education*, DOI: 10.1080/00958964.2019.1604479

Cease, B., Kim, H., Kim, D., Ko, Y., and Cole, C. 2019. Barriers and incentives for sustainable urban development: An analysis of the adoption of LEED-ND projects. *Journal of Environmental Management* 244: 304-312.

- Ko, Y. 2018. Trees and vegetation for residential energy conservation: A critical review for evidence-based urban greening in North America, *Urban Forestry and Urban Greening* 34: 318-335.
- Ko, Y., Jang, K., and Radke, J.D. 2017. Toward a solar city: Trade-offs between on-site solar energy potential and vehicle energy consumption in San Francisco, California, *International Journal of Sustainable Transportation* 11(6): 460-470.
- Ko, Y., Roman, L.A., McPherson, E.G., and Lee, J. 2016. Does tree planting pay us back? Lessons from Sacramento, CA. *Arborist News* June 2016: 50-54.
- Adil, A.\* M. and Ko, Y. 2016. Socio-technical evolution of Decentralized Energy Systems: A critical review and implications for urban planning and policy, *Renewable and Sustainable Energy Reviews* 57: 1025–1037.
- Lee, J., Ko, Y., and McPherson, E.G. 2016. The feasibility of remotely sensed data to estimate urban tree dimensions and biomass, *Urban Forestry and Urban Greening* 16: 208-220.
- Ko, Y., Lee, J., McPherson, E.G., and Roman, L.A. 2015. Long-term monitoring of Sacramento Shade program trees: Tree survival, growth and energy-saving performance, *Landscape and Urban Planning* 143:183–191.
- Ko, Y., Lee, J., McPherson, E.G., and Roman, L.A. 2015. Factors affecting long-term mortality for residential shade trees: Evidence from Sacramento, CA, *Urban Forestry and Urban Greening* 14: 500–507.
- Ko, Y. and Radke, J.D. 2014. The effect of urban forms on residential cooling energy use in Sacramento, California, *Environment and Planning B: Planning and Design* 41(4): 573 – 593.
- Ko, Y. 2014. The effect of urban trees on residential solar energy potential, *Journal of the Korean Institute of Landscape Architecture* 42(1): 41-49.
- Ko, Y. 2013. Urban form and residential energy use: A review of design principles and research findings, *Journal of Planning Literature* 28(4): 327-351. *Featured in the American Planning Association Planning Magazine October 2013*
- Yoon, J. and Ko, Y. 2013. STS student learning model: An effective approach to identifying environmental problems and solutions, *The International Journal of Science in Society* 4(2): 133-147.
- Ko, Y., Schubert, D.K., and Hester, R.T. 2011. A conflict of greens: Green development versus habitat preservation—the case of Incheon, South Korea, *Environment* 53(3): 3- 17.

### Manuscripts Under Reviews

- Johnson, B. and Ko, Y. Sustainable Cities and Landscapes: Our Approach, A book chapter in the *Boundaries and Scales: Evolving Sustainable Cities and Landscapes*, edited by Yang, Y. and Taufen, A., Routledge.
- Ko, Y., Copping, A., Coffman, M., Mulvaney, D., Wang, H. Conflicts of Greens in Renewable Energy Landscapes: Planning and Policy Actions for Sustainable Futures across the Pacific Rim, A book chapter in the *Boundaries and Scales: Sustainable Cities and Landscapes*, edited by Yang, Y. and Taufen, A., Routledge.

### Work in Progress

- Ko, Y., Copping, A., Coffman, M., Mulvaney, D., Wang, H., Stritt, J. Addressing the Conflict of the Greens: A Renewable Energy Conservation Framework, Manuscript to be submitted to *Renewable Energy*.
- Wang, H-W., Dodd, A., and Ko, Y. Resolving the Conflict of Greens: A GIS-based and participatory least-conflicting sitting framework for renewable energy development in Taiwan. Manuscript to be submitted to *Landscape and Urban Planning*.
- Ko, Y., Barret, B., Copping, A., Sarifi, A., Yarime, M. Pathways to low carbon energy resilience. Manuscript to be submitted to a special issue: "Indicators, Assessment Tools, and Rating Systems for Mainstreaming Sustainability in Urban Planning and Development" in *Sustainability*.

### Other Publications

- Ko, Y. and Drumm, A. 2015. Transportation's Vulnerability to Weather Extremes. *EarthPeople Media*.
- Winguth, A. Lee, J., Ko, Y. and the North Central Texas Vulnerability Assessment Team, 2015. Climate Change/Extreme Weather Vulnerability and Risk Assessment for Transportation Infrastructure in Dallas and Tarrant Counties, Submitted to the Federal Highway Administration.
- Ko, Y. and Schubert, D.K. 2011. South Korea's plans for tidal power: when a "green" solution creates more problems. *NAPSNet Special Reports*.
- Ko, Y. and Schubert, D.K. 2011. "Green" New Deal projects threaten Korea's rivers and tidal flats. *World Rivers Review* 26(3):15.

### Published Image In Book

- A Randstad of the Pearl River Delta. In Bosselmann, P. Urban transformation: understanding city design and form (Fig. 1.20, pp. 114-115). 2008, Island Press. Washington, DC. (performed land cover classification of Landsat imageries to produce the map of urbanization of Pearl River Delta).

### Thesis / Dissertation

- Ko, Y. 2012. The Energy Impact of Urban Form: An Approach to Morphologically Evaluating the Energy Performance of Neighborhoods, Ph.D. Dissertation, University of California, Berkeley (Advisor: Dr. John D. Radke).
- Ko, Y. 2007. A Comparative Study of Urban Open Spaces in Seoul and Pyongyang: Towards Sustainable Cities in the Unification Era, Master Thesis, The Graduate Institute of Peace Studies, Kyung Hee University (Advisor: Dr. M. Jae Moon).

### HONORS, AWARDS, & FELLOWSHIPS

- |             |   |
|-------------|---|
| 2018        | EPA Campus RainWorks Challenge Winner as faculty advisor of the 1 <sup>st</sup> place student team - Demonstration Project category (\$3,000) |
| 2019        | UO Faculty Research Award (\$5,500)   |
| 2019        | UO Town and Gown Sustainability Award   |
| 2018 – 2019 | UO Sustainability Faculty Fellow (\$2,000)  |
| 2018        | UO Sustainability Award for Excellence in Teaching - Honorable Mention  |
| 2016        | UO New Junior Faculty Research Award (\$2,000)  |
| 2016        | Rotary Club Professor of the Year - Excellence in Higher Education Award  |
| 2016        | UTA CAPPAs Stars for Shining Ever So Brightly Award   |
| 2016        | UTA Faculty Senate Travel Award (\$500)   |
| 2013 – 2014 | UTA Community Service Learning Faculty Fellow (\$2,000)   |
| 2012 / 2015 | UTA Office of Sustainability Travel Support Grants (\$1,000)  |
| 2011        | UCB Beatrix Farrand Dissertation Research Grant   |
| 2011        | UCB Graduate Division Summer Grant  |
| 2010        | UCB Dean's Normative Time Fellowship  |
| 2009        | GRADUATE WOMEN IN SCIENCE Eloise Gerry Fellowship   |
| 2008 – 2011 | UCB Beatrix Farrand Travel Grant (multiple awards)  |
| 2007 – 2009 | UCB Dept. of LAEP Block Grant (multiple awards)<br><i>Along with Graduate Student Researcher/Instructor Assistantships</i>                    |
| 2007        | KYUNG HEE UNIVERSITY Overseas Study Scholarship   |
| 2005 – 2007 | KYUNG HEE UNIVERSITY All-Expense Paid Award<br><i>Full tuition, travel, room &amp; board support for all semesters</i>                        |

2002 / 2001 KOREA UNIVERSITY Best Honors Scholarship  
2002 KOREA UNIVERSITY Honors Scholarship

### **SELECTED RESEARCH GRANTS**

2019 – 2020 **UO FOUNDATION Trustee Excellence Fund (PI, \$30,000)**  
“Landscape for Humanity: Multifunctional landscapes co-designed for vulnerable urban populations” with co-PIs: Kory Russel, Jacques Abelman, and Junhak Lee

2018 – 2020 **NATIONAL SCIENCE FOUNDATION (PI, \$26,664)**  
“Intra-Urban Variability in Black Carbon Deposition: Rates, Pathways, and Determinants” Subaward of the NSF-CAREER grant, PI Dr. Alexandra Ponette (University of North Texas)

2017 – 2018 **NATIONAL GEOGRAPHIC SOCIETY Science and Exploration Grant – Asia (Co-PI, \$30,000)**  
“Solar Energy vs. Critical Habitats: Resolving “green” conflicts for conserving endangered Black-faced Spoonbill habitats in Taiwan” PI Dr. Hsiao-Wen Wang (National Cheng Kung University, Taiwan)

2015 – 2016 **UTA Inaugural Interdisciplinary Research Program (PI, \$17,880)**  
“The Dallas-Fort Worth Community Opportunities for Resilience Education (DFW-CORE): Climate Science Education Model for the Public and K-12” with co-PIs from science, engineering and education

2015 – 2016 **UTA CAPP What’s NEXT Seed Grant (PI, \$10,000)**  
“Develop a Green Infrastructure Index: Comprehensive Metrics to Measure Ecological and Social Services of the Urban Landscapes”

2014 – 2015 **NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS (Co-PI, \$43,360)**  
“Climate Change/Extreme Weather Vulnerability and Risk Assessments for the Dallas-Fort Worth Regional Transportation Infrastructure” PI Dr. Arne Winguth (UT Arlington)

2013 – 2014 **USDA FOREST SERVICE PSW RESEARCH STATION/UC BERKELEY (PI, \$28,363)**  
“Monitoring and Modeling Tree Growth, Longevity, and Performance” Phase II Subaward

### **OTHER RESEARCH EXPERIENCE**

2008–present **SAVE INTERNATIONAL (a project of EARTH ISLAND INSTITUTE)**  
Korea project coordinator for ecological planning and design projects for preserving the Black-faced Spoonbill (an endangered species) habitats in South Korea

2008 – 2009 **CENTER FOR GLOBAL METROPOLITAN STUDIES, UC BERKELEY**  
Graduate student researcher / spatial data analyst (PI– Elizabeth Deakin) for TOD projects in Central Valley, CA and Jinan and Chengdu, China

2007 **DEPT. OF LANDSCAPE ARCHITECTURE AND ENV. PLANNING, UC BERKELEY**  
Graduate Student Researcher (PI –John Radke) for conducting extensive literature reviews on the trends in urban growth/land use models

2007 / 2005 **KOREA ENVIRONMENT INSTITUTE**  
Research Assistant for the Sustainable Development Research Team (PI –Jang Min Chu) and the Environmental Management Research Team (PI – Sang Won Bang)

**TEACHING EXPERIENCE****UNIVERSITY OF OREGON**

LA 440/540 Introduction to Landscape Planning Analysis <i>Instructor</i>	SP 2019
LA 459/559 Sustainable Energy Landscapes <i>Instructor</i> <i>Featured in Oregon Quarterly, Summer 2018</i>	SP 2018, WT 2019
LA 410/510 Urban Sustainability <i>Instructor</i>	FA 2017, FA 2018
LA 4/594 Landscape Planning and Design Studio <i>Co-Instructor</i>	FA 2017
LA 606 Sustainable Cities and Landscapes International Conference <i>Instructor</i>	FA 2017 (zero-week)

**UNIVERSITY OF TEXAS AT ARLINGTON**

CIRP 5308 Metropolitan Sustainability and Plan Making <i>Instructor</i>	SP 2016, SP 2015, SP 2014, SP 2013
CIRP 5350 Environmental Planning <i>Instructor</i>	SP 2016, SP 2015, SP 2014
CIRP 5327 Introduction to Green Cities & Transportation <i>Instructor</i>	FA 2015, FA 2014, FA 2013
CIRP 4320 Sustainable Communities <i>Instructor</i> <i>Featured in the UTA Magazine Fall 2014 as a “crash course”</i>	FA 2014, FA 2013, SP 2013

**UNIVERSITY OF CALIFORNIA, BERKELEY**

Landscape Architecture & Environmental Planning Colloquium (Graduate) <i>Instructor</i>	FA 2011
Computer Applications in Environmental Design (Undergraduate/Graduate) <i>Co-Instructor</i>	SP 2011
Environmental Planning Studio (Graduate) <i>Module Instructor</i>	SP 2011, SP 2010
Geographic Information Systems (Undergraduate/Graduate) <i>Graduate Student Instructor</i>	FA 2009, FA 2008

**CONFERENCE PRESENTATIONS** (as a presenter, unless noted otherwise)**Peer-reviewed**

- “Resolving Conflicts of Greens in Energy Landscapes: The Role of Innovative Design and Spatial Planning”. Annual Conference of the Council of Educators in Landscape Architecture (**CELA**), Sacramento, CA, March 2019.
- “Landscape for Humanity: New design pedagogies for critical landscape engagement”. **CELA**, Sacramento, CA, March 2019. (with J. Abelman and K. Russel)
- “Trees for conserving energy: Knowns and unknowns”. **CELA**, Beijing, China. May 2017.

- “Landscape planning framework for disaster management”. The Pacific Risk Management 'Ohana (PRiMO) Conference, Honolulu, HI. March 2017.
- “Bridging the gap in climate action planning: Policy maker perception v. public opinion”. Annual Conference of the Association of Collegiate Schools of Planning (**ACSP**), Portland, OR. November 2016. (presented by the co-author Ann W. Foss)
- “Zero net energy communities: the feasibility of meeting residential and vehicle energy demand by on-site solar energy supply”. **ACSP**, Houston TX. October 2015.
- “Long-term effectiveness of urban tree planting initiatives: a 20-year evaluation of the Sacramento Shade tree program”. **ACSP**, Philadelphia, PA. November 2014.
- “Quantifying the impacts of urban form on residential cooling energy use: the case of Sacramento, California”. Presented at **ACSP**, Cincinnati, OH. November 2012.
- “The effects of urban trees on residential solar photovoltaic potential: the case of San Francisco, CA”. **CELA**, Los Angeles, CA. March 2011.
- “Conflicting greens: Systematic Greens, Segmented Greens, and False Greens”. **CELA**, Los Angeles, CA. March 2011.

### Others

- “Measuring climate and extreme weather literacy in politically conservative regions: The case of Dallas-Fort Worth”. Association of American Geographers (**AAG**) Annual Meeting, San Francisco, CA. March 2016.
- “Long-term survival of Sacramento Shade trees and its influence on energy-saving performance: Empirical evidence and implications for urban planning”. Livable Communities Through Urban Forestry Conference, Washington, D.C. August 2015. (*Invited*)
- “Does greening pay off?: Long-term performance of shade trees in Sacramento, CA”. **AAG**, Chicago, IL. April 2015.
- “Climate change/extreme weather vulnerability and risk assessments for the Dallas-Fort Worth regional transportation infrastructure”. Climate Resilience & Adaptation Symposium, Arlington, TX. February 2015.
- “On-site solar energy utilization in cities: location matters”. **AAG**, New York, NY. February 2012
- “City-wide on-site solar energy assessment: the case of the City of San Francisco”. Berkeley Energy and Resources Collaborative Symposium, Berkeley, CA. October 2011. (Poster Presentation)
- “Preserving vibrant habitat: co-mingling urban and natural resources in Hakata Bay, Japan, and its implication for Incheon, South Korea”. Symposium for Conservation of Black-faced Spoonbills and International Network, Ganghwa, South Korea. May 2011.

### Session Organization and Panel Participation

- Working Group Leader, “Saving Spoonbills in the era of Conflict of Greens”, Great Asian Street Symposium (GASS), Singapore, December 2018.
- Working Group Leader, “Resilient Grids and Communities”, APRU Sustainable Cities and Landscapes Conference, Hong Kong, September 2018.
- Working Group Leader, “Resolving Conflicts of “Greens”: Energy Planning for Sustainable Landscape Conservation”, APRU Sustainable Cities and Landscapes Conference, Portland, OR, September 2017.
- Organizer, Paper session on “Risk Perception and Resilience Planning”, **AAG**, San Francisco, CA, March 2016.
- Panelist, Panel on “The Myth of Smart Urbanism: Songdo City and Beyond”, **AAG**, San Francisco, CA, March 2016.
- Moderator (invited), Paper session on “Planning for the Future: Green Cities of the Future”, Livable Communities Through Urban Forestry Conference, Washington, D.C. August 2015.

## **RECOGNITIONS**

### **External Invited Talks**

- “Conflicting Greens around Korean rivers and coastal wetlands: Implications for a systematic water and coastal management”. International Interdisciplinary Faculty Water Management Seminar Series, UC Berkeley, California. February 2019.
- “Conflict of Greens: Global perspectives,” at the Participatory Coastal Planning for Resolving the Conflicts of Greens (a short course), National Cheng Kung University. Tainan, Taiwan. March 2018.
- “Socioeconomic and policy implications from long term monitoring of Sacramento Shade trees”, Urban Green Infrastructure Summit. Tigard, OR. February 2018.
- “Monitoring urban trees: Survival, growth, and energy-saving performance” co-present with L.A. Roman and P. Smith for the USDA Forest Service Urban Forest Connections Webinar Series. March 2016.
- “Landscape design and planning for the era of climate change”, Department of Landscape Architecture, School of Architecture and Allied Arts, University of Oregon, Eugene, OR. February 2016.
- “Does tree planting pay us back?: Lessons from long-term monitoring of Sacramento Shade Trees”, Ph.D. Seminar, Department of Landscape Architecture, School of Architecture and Allied Arts, University of Oregon, Eugene, OR. February 2016.
- “Quantitative methods in landscape architecture and environmental planning”, LAND 6900 Research Strategies, College of Environment + Design, The University of Georgia, Athens, GA. September 2015.
- “Long-term survival, growth and energy performance of Sacramento Shade Trees”, USDA Forest Service Pacific Southwest Station, Davis, CA. July 2015.
- “Do urban forms matter in residential energy consumption?: an empirical approach”, Department of Environmental Science and Ecological Engineering, Korea University, South Korea. December 2014.
- “Environmental and ecological planning for the era of climate change”, Graduate School of Environmental Studies, Seoul National University, South Korea. December 2014.
- “Energy and Built Environment: the effect of urban form on residential energy use in Sacramento, CA”, Department of Geography, University of North Texas, Denton, TX. November 2013.
- “Solar sprawl vs. compact neighborhoods: assessing sustainable urban density”, Knowlton School of Architecture, The Ohio State University, Columbus, OH. March 2012.
- “Energy planning for the 21st century: assessing optimal urban forms toward energy self-sufficient cities”, School of Urban and Public Affairs, UT Arlington, TX. February 2012.
- “Shifting ground: new challenges of environmental planning in the era of climate change”, School of Urban and Public Affairs, UT Arlington, TX. February 2012.
- “Is renewable energy always green?: The case of tidal power projects in South Korea”, AYUSA World Leaders Summer Program, Berkeley, CA. August 2011.

### **Media Recognitions**

- “Good Drainage, Good Vibes’ is EPA Winner” –My student team who won the first place of the EPA Campus RainWorks Challenge was featured in *Around the O*, May 2019.
- “Profile: Yekang Ko, Conflicts of Greens” – My interview regarding research on green conflicts and a profile of my career was featured in *Around the O*, July 2018.

- “UO named sustainability hub for Pacific Rim university network” – My interview regarding my research on green conflicts and the APRU SCL Hub was featured in *Around the O*, April 2017.
- “Results: Long-Term Monitoring of Sacramento Shade Program Trees” – My collaborative study with the USDA Forest Service was featured in the *Alliance of Community Trees*, January 2016.
- “New study assesses risks of extreme weather to North Texas roads, runways” – My collaborative project with the NCTCOG was featured in *PHYS.ORG*, May 2015.
- “UTA researchers investigate how permafrost-trapped carbon could affect Texas” – My interview regarding climate change impacts on infrastructure was featured in the *Shorthorn*, the UTA newspaper, June 2015.
- “Environmental Planning Study Findings Have Been Reported from University of California (The effect of urban form and residential cooling energy use in Sacramento, California)” – My referred article published in *Environment and Planning B* was featured in *Ecology, Environment & Conservation*, p 288, October 2014.
- “Crash Course: Sustainable Communities” – My undergraduate course at UTA was featured in the *UTA Magazine* Fall 2014.
- “Building up” – My interview regarding Better Block project in Oak Cliff, Texas was featured in the *Shorthorn*, the UTA newspaper, April 2014.
- “Reviewing the Reviews” - My article published in the *Journal of Planning Literature*, was featured in the American Planning Association’s *Planning Magazine*, October 2013.
- “Tidal Power Makes a Surprising Comeback” – My interview regarding environmental impacts of tidal power plants was featured in the *IEEE Spectrum*, July 2013.
- “DFW Solar Tour” – My home was featured as a tour site of the 2012 DFW Solar Tour hosted by the North Texas Renewable Energy Group, October 2012.

## **SERVICE TO PROFESSION**

### **Association of Pacific Rim Universities (APRU) International Secretariat (2016 – present)**

Sustainable Cities and Landscapes (SCL) Hub Program Director and APRU SCL Steering Committee

### **Manuscript Reviewer (2012- present)**

*Journal of Planning Education and Research*

*Land Use Policy*

*Landscape and Urban Planning*

*Cities*

*Journal of Planning Literature*

*Environment and Planning B: Planning and Design*

*Energy and Buildings*

*Cities and Environment*

*Urban Forestry & Urban Greening*

*Arboriculture and Urban Forestry*

*Urban Design International*

*Energies*

*IEEE Transactions on Systems, Man and Cybernetics: Systems*

*Transport Policy*

*International Journal of Sustainable Transportation*

*Journal of Urban Planning and Development*

*Ocean and Coastal Management*



**Conference Review Committee**

2019 CELA Conference, Sacramento, California  
2018 CELA Conference, Blacksburg, Virginia  
2017 CELA Conference, Beijing, China  
2017 PRIMO Conference, Honolulu, Hawaii

**DEPARTMENTAL / UNIVERSITY SERVICE**

**University of Oregon**

**University**

APRU SCL Program Director (2016-present)  
APRU SCL Inaugural Conference Organizer (2016-2017)  
APRU SCL Hub Steering Committee (2016-present)  
Korean Studies Working Group (2018-present)

**School of Architecture and Environment / Department of Landscape Architecture**

BLA Director (2017 - present)  
BLA Admission Committee (2017 - present)  
PhD Committee (2016 - present)  
MLA Admission Committee (2016)  
Faculty Advisor for a student group: Design for Climate Action  
Faculty Advisor for a student team submitting to the 2019 EPA Rainworks Challenge competition

**University of Texas at Arlington**

**University**

UTA President's Sustainability Committee on Curriculum Research and Community Engagement (CRCE)  
(2012 to 2016)  
UTA Community Service Learning Faculty Fellow (2013-2014)

**College / Department**

CAPPA Visiting Scholar Review Committee (Spring 2016)  
Planning and Landscape Architecture (PALA) Search Committee (Fall 2015 – Spring 2016)  
The College Creation Team (Spring 2015)  
City and Regional Planning (CIRP) Search Committee (Fall 2014 – Spring 2015)  
Urban Affairs and Policy (MUAP) Curriculum Committee (Summer 2014 – Spring 2015)  
CIRP Re-accreditation/ Curriculum Committee (Fall 2012 – Spring 2016)  
Urban Planning and Public Policy (UPPP) Curriculum Committee (Fall 2012 – Spring 2016)

**Campus Talks**

“Energy-conscious design and planning: Takeaways for the Opportunity Village Eugene” at LA 337 Design for a Sustainable World, UO, February 2019.  
“Designing Sustainable Energy Landscapes” at LA 199 Design for a Sustainable World, UO, May 2018.  
“Measuring climate literacy: Using survey data for interdisciplinary environmental education” Qualitative Research Brownbag, UT Arlington, TX. November 2015. (with A.W. Foss)  
“Environmental and ecological planning for the era of climate change” What’s NEXT meeting, College of Architecture, Planning and Public Affairs, UT Arlington, TX. March 2015.  
“Be the solution!/: Service learning for sustainable communities” Arlington & Resident Life (Resident Assistant Community Program), UT Arlington, TX. March 2015.

“San Francisco residential rooftop solar energy potential assessment” GIS Day, UT Arlington, TX, November 2012.

“How to prepare for academic jobs in planning” at the Urban Planning & Public Policy PhD Colloquium, UT Arlington, TX. October. 2012.

“Energy and the built environment” at LA 12 Environmental Science for Sustainable Development. Department of Landscape Architecture and Environmental Planning, UC Berkeley, CA. Nov. 2011

“Green policy conflicts in South Korea” at LA 253 Landscape Architecture and Environmental Planning Colloquium. UC Berkeley, CA. October 2010

### **COMMUNITY SERVICE / OUTREACH**

SAVE INTERNATIONAL (a project of Earth Island Institute), Executive Member (2008 – present)

Community Service Learning Projects partnering with (Fall 2012 to present):

SquareOne Villages

Park and Open Space, CITY OF EUGENE

Better Eugene-Springfield Transportation (BEST)

TRIMET and Planning and Sustainability, CITY OF PORTLAND (through Sustainable City Year Program)

Planning Department, CITY OF MCKINNEY

Community Development & Planning Department, CITY OF ARLINGTON

Parks & Recreation Department, CITY OF ARLINGTON

Environmental Services and Sustainability, CITY OF DENTON

Community Development Department, CITY OF KENNEDALE

Planning Department, CITY OF PLANO

Outdoor Learning Education, EAST FORT WORTH MONTESSORI ACADEMY

Composting, UTA OFFICE OF SUSTAINABILITY

Committee, HEART OF ARLINGTON NEIGHBORHOOD ASSOCIATION

Science Learning Center, RIVER LEGACY FOUNDATION

Riverside Sustainable Development Committee, FELLOWSHIP OF THE ARTS

INCLUSIVE DFW CONSORTIUM, founding member, invited (September 2015 – present)

NORTH TEXAS RENEWABLE ENERGY GROUP DFW Solar Home Tour, host (October 2012, October 2015)

CHINA-KOREA YOUTH CENTER FOR FUTURE FOREST, Korean delegate (April 2006)

GRADUATE INSTITUTE OF PEACE STUDIES, Co-President of Student Council (Spring 2006)

UNESCO VOLUNTEER FOR PEACE, Volunteer for Food Not Bombs/permaculture, Petaluma, CA (July 2003)

ECOFILES (Student environmental organization at Korea University), founding member (2002 – 2005)

### **GRADUATE STUDENT SUPERVISION & ADVISING**

#### **Students Individually supervised (Committee Chair)**

Doctoral Student (Status)

1. Foss, Ann (May 2016)
2. Fields, Rhonda (Field exam)
3. Adil, Ali M. (Field exam)
4. Kessler, Frank (Diagnostic)
5. Yildirim, Yalcin (Diagnostic)

Masters Students (Graduation option, Completion date)

1. Wei-Ti Lien (Masters Project, June 2020)
2. Stagi, Shelby (Masters Project, June 2019)
3. Hsu, Ivy (Masters Project, June 2019)
4. Robles, Isaac (Professional Report, December 2015)

5. Krishnakumar, Tharani Devi (Project Report, August 2015)
6. Nur, Nabila (Thesis, December 2014)
7. Peters, Derica (Professional Report, December 2014)
8. Ahn, Sang Chun (Professional Report, December 2013)
9. Harashe, Cassandra Marie (Professional Report, December 2013)

**Advising Activities (Committee Member)**

Masters Thesis/Reports/Exams Committee (Graduation option, Completion date)

10. de la Cruz, Esmeralda (Professional Report, May 2016)
11. Gonzalez, Debora (Professional Report, May 2016)
12. Irby, Chelsea (Professional Report, December 2015)
13. McClellan, Corry (Professional Report, December 2015)
14. Leblanc, Chace (Professional Report, December 2015)
15. Riaz, Muzaib (Professional Report, December 2015)
16. Quintanilla, Danielle (Professional Report, May 2015)
17. Leon, Fernando (Earth & Environmental Science Comprehensive exam, April 2015)
18. Dockery, Lashanda (Professional Report, May 2014)
19. Reiningger, Gregory (Professional Report, May 2014)
20. Estrada, Francisco (Professional Report, December 2013)
21. Adhikari, Binay (Professional Report, December 2013)
22. Mcleod, Tiffany (Professional Report, December 2013)
23. Khatibi, Kamran (Professional Report, December 2013)
24. Walker, Glory (Earth & Environmental Science Comprehensive exam, November 2013)
25. Rahmani, Azadeh (Professional Report, May 2013)
26. April, Jason (Professional Report, May 2013)
27. Sodimu, John (Professional Report, May 2013)
28. Park, MinJu (Professional Report, December 2012)
29. Chiara, Michelle (Professional Report, December 2012)
30. Hanson, Jonelle (Professional Report, December 2012)

Ph.D. Exam/Defense Committee (Types, Date)

1. Stapleton, Ellee (Doctoral exam, April and May 2019)
2. Khajouei, Aye S (UPPP Proposal defense, April 2016)
3. Topham, Megan (UPPP Field exam, January 2015; Proposal defense, April 2015, Dissertation defense, November 2015)
4. Namin, Sima (UPPP Field exam, November 2014; Proposal Defense, June 2015)
5. Douglas, Racquel (Civil Engineering Diagnostic exam, May 2014; Proposal Defense, May 2016)
6. Foss, Ann (UPPP Proposal Defense, June 2013)

**ACADEMIC & PROFESSIONAL MEMBERSHIPS**

Council of Educators in Landscape Architecture (CELA)  
Association of Collegiate Schools of Planning (ACSP)  
Association of American Geographers (AAG)  
Association of Pacific Rim Universities (APRU)  
Pacific Rim Community Design Network