

Engaged Scholarship by Design

Host: University of California Davis, Landscape Architecture + Environmental Design

Venue: Sheraton Grand Hotel, Sacramento, CA

Concurrent Sessions

All papers highlighted in red will be REMOVED if author registration is not received

SESSION 1

3/7 Thursday 8:30-10:00

RESEARCH BY DESIGN

ROOM 1

Liska Chan, 399, *Braiding Grass: A speculative practice problematizing the pastoral landscape aesthetic*

Nicholas Sund and Michael Geffel, 271, *Adaptive Social Space: Tactical design in the urban landscape*

Tori Murphy and Roxi Thoren, 496, *Co-creation with Animals*

Michael Geffel, 47, *Transitory Public Works: Maintenance as a design instrument in landscape architecture*

HISTORY

ROOM 2

Mary Padua, 365, *Trees and "Greening:" The lexicon of political freedom and modern nation-building in China*

Anna Wik, 343, *The Gambacorta or Town Marsh in New Castle, Delaware: Harnessing and transforming a natural resource*

Annette Freytag, 287, *Dieter Kienast (1945–1998) and the Topological and Phenomenological Dimension of Postmodernism*

EDUCATION (panel)

ROOM 3

Matthew Potteiger, Benjamin Spencer, Kofi Boone, Kim Wilson, and Brian Gerich, 368, *Cross-Cultural Engagement in Study Abroad Programs*

LANDSCAPE PLANNING AND ECOLOGY ROOM 4

Galen Newman, Marccus Hendricks, Jennifer Horney, and Siyu Yu, 6, *The Costs and Benefits of Green Infrastructure in Underserved, Flood Prone Neighborhoods*

Farzaneh Khayat and Margaret Bryant, 199, *Landscape for Equal Play in Nature: Equitable connections to children's play spaces in Syracuse, New York*

Morgan Davis-Kollman and Yang Song, 261, *Oil Spill Armature: Creating resilient tribal community through hydraulic modeling and conservation planning*

Jane Futrell Winslow, 334, *Realizing Cultural Ecosystem Services Through Green Infrastructure*

EDUCATION

ROOM 5

Chip Sullivan, 170, *Divining Design: Teaching sacred landscapes*

John Anderson, 296, *Mid-century in the Next Century: Lessons for the current generation of landscape design students*

Ann Komara, 386, *Omnia Bene Facere: Teaching landscape history to design students*

Pauline Hurley-Kurtz, 418, *Integrating Service Learning and a Design Build Tradition on the Ambler Campus and in the Philadelphia Area Community for over 100 years*

ENGAGED SCHOLARSHIP

ROOM 6

Hope Hui Rising, 405, *Multi-Level Design Games for Future-Proofing Post-Flood Cities: Houston as a test case*

Brendan Stewart, Karen Landman, and Daniel Rotsztain, 216, *PlazaPOPS: Tactical urbanism in a vibrant suburban Toronto strip-mall parking lot*
Michael Sánchez and Robert Krikac, 353, *Rural Community Design Initiative (RCDI): A model in transdisciplinary community engagement, participatory design process and experiential learning*

EDUCATION	ROOM 7	RESEARCH METHODS	ROOM 15
Daniel Cronan, 298, <i>The NEXUS Studio: A synergistic pedagogical approach for integrating research and evaluating learning in a landscape architecture studio</i>		Sinan Zhong and Chanam Lee, 138, <i>Intergenerational Communities: A systematic literature review of intergenerational interactions and older adults' health-related outcomes</i>	
Arthur Rice, Hossein Saedi, and John Nietfeld, 147, <i>Building an Understanding of How Design Studios Promote Cognitive Development and Creativity</i>		Shan Jiang, David Allison, and Andrew Duchowski, 117, <i>Natural Views and the Impacts on Wayfinding: A study of hospital circulation spaces through immersive virtual environment technology</i>	
Susan Tomizawa, 234, <i>Tapping into the Affective Domain to Shape Student Values: Personalizing the loss of biodiversity</i>		Li Tan, Shiyang Zhang, and Danzi Wu, 76, <i>Impression of Hutong: Research on the value recognition of contemporary Hutong landscape based on community public participation methods</i>	
PEOPLE AND ENVIRONMENT	ROOM 8	Pai Lui, Yang Song, and Matthew Powers, 272, <i>The Integration of Behaviors Mapping and Connectivity measures: A new method for interpreting healthcare environments</i>	
Jules Bruck and Anna Wik, 390, <i>Coastal Resilience Design Studio: Force Multiplier in Statewide Engagement</i>			
Omar Faruque, 15, <i>The Influence of the Riverine Ecology and its Landscape Surroundings on the Work of Rabindranath Tagore</i>			
RESEARCH BY DESIGN	ROOM 10		
Judith Stilgenbauer, 403, <i>Public-Interest Design as Applied Research: The case of Wahiawa Freshwater Park</i>			
Emily Vogler, 382, <i>Littoral Commons: Using art and design to shape the future of the water's edge</i>			
Simon Bussiere and Zachary Streitz, 440, <i>An Ecotourism Model for Kekaha Kai State Park, Hawai'i Island</i>			
EDUCATION	ROOM 14		
Peter Petschek, 11, <i>Digital Grading Education as an Access Road to BIM in Landscape Architecture</i>			
Christopher Marlow, 504, <i>Engaging the Fight for BIM in Landscape Architecture</i>			
Howard and Brent Chamberlain, 276, <i>Konza Studio: A pedagogical retrospective</i>			

SESSION 2

3/7 Thursday 1:30-3:00

RESEARCH BY DESIGN

ROOM 1

Jamie Vanucchi and Sarah Dooling, 360, *Positioning Design Research for an Uncertain Future*
Sean Burkholder and Brian Davis, 346, *Healthy Port Futures: Design research as a foundation for project collaboration*
Mick Abbott, 191, *Designlab 2012-18: An ongoing experiment in design-directed landscape architecture research*
Nicholas Pevzner, 356, *Rethinking Resiliency in Puerto Rico*

LANDSCAPE PERFORMANCE

ROOM 2

Louise Mazingo and Renata Valente, 132, *Greenstreets in Campania, Italy: Lessons from urban stormwater best practices in the United States*
Chensong Lin, Yongyu Chen, and Jialun Yan, 190, *The Research of Stormwater Regulation Efficiency of the Low Impact Development of the Suburban Park based on the SWMM*
Jueminsi Wu and Mary Padua, 361, *Investigating China's Sponge City and the Significance of Groundwater: A review of the literature*
Kirk Dimond, Greg Barron-Gafford, and Margaret Livingston, 14, *Maker Space for Environmental Monitoring*

EDUCATION

ROOM 3

Clare Cooper Marcus, 328, *Reflections on the Education of Landscape Architecture Students*
Keith Christensen, 3, *Revisiting Scholarly Production Among Recently Tenured Landscape Architecture Faculty*
Umit Yilmaz, 425, *Learning and Scholarship Beyond Boundaries*
Stephanie Rolley, 482, *Professors of Landscape Architecture: Where and who are they?*

ENGAGED SCHOLARSHIP

ROOM 4

Vaike Haas, 88, *Reconnecting Walking and Biking Routes to School: Suncrest Elementary School, West Virginia*
Shiyang Zhang, Danzi Wu, Liang Li, and Xiangrong Wang, 124, *Dashilar Micro-Renewal Plan*
Sophia Meeres, 332, *Arklow: Forest River Main Street Beach*
Brad Collett, 486, *Engaging a Legacy in the Tennessee River Valley*

HISTORY (panel)

ROOM 5

M. Elen Deming, W. Lake Douglas, Kofi Boone, Harriet Jameson Brooks, and Nicholas Serrano, 281, *Symbols of Division: Deploying narratives and counter-narratives in public space*

ENGAGED SCHOLARSHIP (panel)

ROOM 6

Joshua Cerra, Victoria Chanse, Chingwen Cheng, Kevan Klosterwill, and David Pitt, 313, *Engaged Scholarship to Catalyze Adoption of Design Strategies for Climate Change Adaptation and Mitigation – Part 1*

PEOPLE AND ENVIRONMENT

ROOM 7

Jeffrey Hou, 250, *Understanding Park Uses in an Inner-City Ethnic Neighborhood: Post-occupancy evaluation of two Chinatown parks in Seattle*
Kenneth Hurst, 474, *Location-specific Amenity-based Physical Activity in Public Parks and Playgrounds*
Keunhyun Park, 33, *Park and Neighborhood attributes Associated with Park Use: An observational study using unmanned aerial vehicles (UAVs)*
Hala Nassar and Robert Hewitt, 460, *Assessment of Public Space Visitor Attitudes on the Presence of Unmanned Aerial Vehicles (UAVs)*

PEOPLE AND ENVIRONMENT ROOM 8

Sylvia Janicki and Ken Yocom, 59, *Displaced by Illness: Exploring narratives of chronic illness for a more inclusive built environment*

Anna Maria Vissilia, Theodora Porfyraiki, and George Papadopoulos, 392, *Assessing the Value of Outdoor Space in Nursing Homes: A case study for Athens Geriatric Home (Greece)*

Eric Bardenhagen and Robert Brown, 500, *Microclimatic Design of Outdoor Places for Seniors*

Pongsakorn Suppakitpaisarn, Brian Deal, Chun Yen Chang, and William Sullivan, 462, *Green Stormwater Infrastructure in Urban Landscapes: Perceptions, preference, and vegetation density*

HISTORY ROOM 9

Richard Hindle, 8, *Learning From Venice: An environmental and urban innovation model from the lagoon city*

Sungkyung Lee, 469, *How did the Western Ideas of Public Parks Travel through Japan and into Korea?*

RESEARCH BY DESIGN ROOM 10

Kees Lokman, 91, *Shifting Shorelines: Adaptation strategies for the Fraser Basin Delta*

Kathleen Kambic, 235, *Water and Infrastructure in the American West*

Abigail Anacki, Jacob Mitchell, and Kristi Cheramie, 319, *Patent Legacies and Wastewater Futures*

Daniel Roehr and Amalie Lambert, 12, *Climate, Stormwater and the Pacific North West: Reimagining water management and community on Vancouver's North Shore*

LANDSCAPE PERFORMANCE (panel) ROOM 14

Megan Barnes, Catherine De Almeida, Lisa DuRussel, Anya Domlesky, and Susannah Ross, 87, *Designed to Flood: Evaluating the resilience of waterfront parks*

RESEARCH METHODS ROOM 15

Kanglin Chen and Yaohua Chen, 28, *Evaluating the Implementation of Master Planning of National Parks of China*

Fangzheng Li and Shiyi Guo, 100, *Integrating Ecosystem Services Demand with Landscape Ecological Security: A green space pattern optimization approach in central Beijing*

David Tulloch and Wansoo Im, 317, *Comparing Parks Using Twitter*

Andy Kaufman, 400, *Aloha of Sustainability: Researching green roofs and living walls for Hawaii*

SESSION 3

3/7 Thursday 4:00-5:30

RESEARCH BY DESIGN

ROOM 1

Karen Lutsky and Sean Burkholder, 409, *Curious Methods: Contextual interrogation as design*
Martin Koelsch, 175, *A Garden of Conscientious Intervention*

Timothy Baird, 297, *The Landscape Lab: Urban vacancy as testing ground*

Brett Milligan, 83, *Design Fieldwork*

HISTORY

ROOM 2

Jacqueline Margetts, 458, *Plantspace: The monocot-driven designs of Ted Smyth*

Xiao Yao, 464, *Plant Landscape and Management System of Beijing Royal Gardens, Qing Dynasty*

Pablo Pérez-Ramos, 229, *The Expanded Field of Botany: Agronomy and ecology in the Bordeaux Botanic Garden*

EDUCATION (panel)

ROOM 3

Ned Crankshaw, Michael Seymour, Matthew Powers, Tasha Cotter, Brian Lee and Jordan Phemister, 112, *Recruiting Students into Undergraduate Programs in Landscape Architecture: Predictive data, methods, and tracking*

ENGAGED SCHOLARSHIP

ROOM 4

Sadik Artunc, 143, *Scholarship of Teaching through Engaged Scholars*

Lori Catalano, 246, *Community-Based Engagement: A critical reflection*

Ole Sleipness, David Anderson, David Evans, Jake Powell, Roslynn McCann, and Jason Parkinson, 378, *Engaged Scholarship through Extension Landscape Architecture: A model framework for assessing impacts*

Kristine Miller and Rachel McNamara, 345, *Challenges and Opportunities in Equity-Driven Practice*

EDUCATION

ROOM 5

Amitabh Verma, 248, *Manual Skills, Technological Present: Identifying the place of hand graphics in landscape architecture today*

Lijun Hao, Ming-Han Li, Zhetao Xiao, and Jinyoung Wu, 90, *A Case Study of Information-based, Technologically Mediated Teaching Methods in Landscape Architecture Design Course*

Benjamin George, Peter Summerlin, and Taz Fulford, 240, *Software and Technology Use in the Field: How educators can best equip students for practice*

ENGAGED SCHOLARSHIP (panel)

ROOM 6

Joshua Cerra, Victoria Chanse, Chingwen Cheng, Kevan Klosterwill, David Pitt, 313, *Engaged Scholarship to Catalyze Adoption of Design Strategies for Climate Change Adaptation and Mitigation – Part 2*

PEOPLE AND ENVIRONMENT

ROOM 7

Joanne Westphal, 404, *Diffusion Theory: The use of theory to predict public acceptance and adoption of green roofs*

Maria Counts, 414, *Beyond Beauty: Interpreting Lawrence Halprin's Greenville Main Street through the sounds of social exchange*

Jessica Fernandez, 21, *Touching Base with American College Towns: A qualitative look at the built environment from campus and community perspectives*

Yuanqiu Feng and Yun Hye Hwang, 432, *Mangroves for Whom?: A comparison of urban greening initiatives in an informal settlement*

PEOPLE AND ENVIRONMENT

ROOM 8

Mariami Maghlakelidze, Shan Jiang, Yang Song, and Dongying Li, 116, *Nature at Playground and the Impacts on Children's Play Behaviors: A comparative case study*

David Watts, 267, *White Brain Matter and Play*
Xiangrong Jiang Jiang, Chun-Yen Chang, and William Sullivan, 476, *Effects of Green*

Infrastructure on Directed Attention Recovery
Bin Jiang, Jielin Chen, Jibo He, Hua-qing Wang, and Christ Webster, 370, *A Trade-off Effect: Comparing impacts of a variety of freeway landscapes on drivers' driving performance and self-reported mental status*

URBAN DESIGN

ROOM 9

Adele Pierre, Nadia Amoroso, and Sean Kelly, 13, *Geodesign Application: Using a rule-based design approach for wiser urban design outcomes*

Dominic Fischer, Carlos Montoya, and Yang Song, 358, *Utilizing Two-Dimensional Path Of Travel Prediction Software To Optimize Desirable And Efficient Infill Of Declining Shopping Mall Sites.*

Ben Shirtcliff and Yuanyuan Su, 198, *Harnessing Big Data for Post-Occupancy Evaluation of Public Space*

RESEARCH BY DESIGN

ROOM 10

Elise Shelley, 64, *Re-Imagining Rubber*

Forbes Lipschitz, 20, *Creature (dis)Comforts: Slaughter as design practice*

Catherine De Almeida, 227, *Landscape Lifecycles as a Speculative Design Research Practice Toward Waste Conditions*

Robert Hewitt and Hala Nassar, 463, *Design Research Based Development of Camouflage Landscape Features to Prevent Criminal UAV Activity*

LANDSCAPE PLANNING AND ECOLOGY ROOM 14

Alison Tompkins and Gary Austin, 24, *Designing a Sustainable Constructed Wetland to Treat Wastewater for the City of Juliaetta, Idaho*

Steven Greco, 152, *Landscape Conservation Planning and Design: An engaged scholarship program*

A. Haven Kiers and Shannon Still, 456, *Living Landscape Adaptation Plan: Campus planning in the face of climate change*

Julia Badenhope, 467, *"Place-ing" GeoDesign*

SESSION 4

3/8 FRIDAY 8:30-10:00

RESEARCH BY DESIGN ROOM 1

Matthew Seibert, 156, *Gaming Landscape Representation: Creating knowledge through game engine model systems*
Stephanie Carlisle, 123, *Uncertain Futures: Using scenarios to untangle ecological systems*
Justin Parscher, 308, *Confidence Games: The Ethics of the design fiction*
Leonard Yui, 293, *Designing with Preservation: A Gilded landscape in the age of ecology and sea level rise*

HISTORY ROOM 2

Soyoung Han, Joong Won Kim and Yoonku Kwon, 446, *The Concept on the Contemporary Publicness of Architecture and Urban Space of South Korea*
Chad Lorentzen and Daniel Cronan, 461, *The Problem of Designing Public Spaces: Iconoclasm, anti-monumentalism and opening narratives*
Behnaz Avazpour, Paul Osmond, and Linda Corkery, 35, *Transition from Private Gardens to Public Space*
Ran Zhang, Bo Zhang, and Xun Zhu, 214, *Evolution of Dalian Urban Squares*

EDUCATION ROOM 3

Dorna Eshrati and Kerry Priest, 269, *Who I Am and What Do I Do as a Designer?: Integrating leadership skills with environmental design learning*
Kendall Mainzer and Alexandria Chomyn, 355, *Landscape Architecture Leaders: Effective engaged recruitment & development*
David Evans and Sean Michael, 454, *Remaking The Impoverished Student ASLA Chapter: A case study in fiscal resources and leadership*

ENGAGED SCHOLARSHIP (panel) ROOM 4

Jacques Abelman, Yekang Ko, Kory Russel, and Junhak Lee, 94, *Landscape for Humanity: New design pedagogies for critical landscape engagement*

EDUCATION ROOM 5

Catherine Brinkley and Meghan Klasic, 351, *Transmission of Knowledge from Study Abroad Field Learning Sustainable Urban Development*
Carolina Aragon, 81, *Material Experiments in Landscape Architecture: Tinkering with algae, waste & electronics*
Zhihan Tao, Galen Newman, Arnold Michael, Wonmin Sohn, Lingyue Cao, Ming-Han Li, and Jun Hyun Kim, 57, *The Living Green Infrastructure Lab: Advancing interdisciplinary teaching and professionalism in landscape architecture pedagogy*

Cathi Schar, 441, *Proof of Concept: Waipahu transit oriented development collaboration*

ENGAGED SCHOLARSHIP (panel) ROOM 6

Jeffrey Hou, Kofi Boone, Mallika Bose, David de la Peña, and Michael Rios, 245, *Educating Design Activists in Landscape Architecture*

PEOPLE AND ENVIRONMENT (panel) ROOM 7

Elizabeth Boults, Marc Treib, Clare Cooper-Marcus, Achva Stein, and Deborah Giraud, 119, *The Meaning of Gardens, Revisited*

PEOPLE AND ENVIRONMENT ROOM 8

Bruce G. Sharky, 29, *Hiding in Plain Sight: The importance of shadow (awareness) in landscape architecture design*
Melissa Currie, 341, *The Formation of Social Capital in Newly Constructed Neighborhoods*
Joshua Goeden and Don Burger, 34, *The Role of Landscape Architecture in Cognitive Mapping*
Gabriel diaz Montemayor, 232, *The Reach of a Public Mile: A case study in Latin American landscape architecture practice*

URBAN DESIGN	ROOM 9	LANDSCAPE PLANNING & ECOLOGY	ROOM 13
Elizabeth Macdonald, 160, <i>Water's Edge Promenades: Physical, social and ecological design characteristics</i>		Jon Calabria, Sarah Ross, and Caitlin Teuton, 255, <i>Back From The Dead: Implementation and Monitoring Maritime Longleaf Pine</i>	
Ryan Sandwick and Jayoung Koo, 265, <i>Reimagining Manchester, Kentucky: An urban design foundation for rural downtown revitalization</i>		Yoonku Kwon, Soyoung Han, and Mintai Kim, 444, <i>The Benefits of Increasing Blue-Green Infrastructural Ecosystem Services</i>	
Saehoon Kim and Seonghun Min, 75, <i>Regenerating a low-rise residential district in Seoul, South Korea: Participatory design and planning for communities</i>		Gunwoo Kim, 195, <i>The Urban Forest and Ecosystem Services for Sustainable Future</i>	
Wenhai Zhang and Liang Li, 189, <i>Research on the Historical Place of Dashilar Street in Beijing from the View of Green Micro-Update</i>		DESIGN IMPLEMENTATION	ROOM 15
RESEARCH BY DESIGN	ROOM 10	Bruce Dvorak, Niti Tataria, Karishma Joshi, Ahmed Kama Ali, and Panwang Huo, 77, <i>Plant survival trails on a custom living wall system</i>	
Barry Lehrman, 300, <i>Patterns in the Dust: parametric design of large-scale dust mitigation and ecological restoration</i>		Taryn Borelli and Amir Gohar, 114, <i>Guidelines for a New, Floating Open Space</i>	
Caroline Westort, 389, <i>Parametric Design of Farms for Reducing Nitrate Runoff</i>		Wonmin Sohn, Hyun-Woo, Jun-Hyun Kim, and Ming-Han Li, 260, <i>Assessing the capitalization effects of retention and detention ponds on single-family housing values</i>	
Marc Miller, 468, <i>Remote Sense and Sensibility</i>			
Fadi Masoud, 97, <i>Coding Flux</i>			
HISTORY	ROOM 11		
Myungjin Shin and Jeong-Hann Pae, 104, <i>The Role of Landscape in the Experience of Sculpture Parks: The Case of Storm King Art Center and Socrates Sculpture Park, NY</i>			
Kevan Klosterwill, 18, <i>The Animal in the Landscape: From Image to Agent</i>			
Susan Herrington, 43, <i>Objects of Affection: Beauty in the work of Claude Cormier + Associates</i>			
Anette Freytag, 270, <i>The Gardens of La Gara – An 18th century estate in Geneva with contemporary gardens designed by Erik Dhont and a labyrinth by artist Markus Raetz</i>			
LANDSCAPE PERFORMANCE (panel)	ROOM 12		
Heather Whitlow, Jessica Canfield, and Bo Yang, 224, <i>Guidebook 2.0: The Evolution of Landscape Performance Evaluation Metrics and Methods</i>			

SESSION 5

3/9 SATURDAY 8:30-10:00

RESEARCH BY DESIGN

ROOM 1

Emily Knox, 411, *Super-wicked Landscape [Architects]*

Fionn Byrne, 98, *Uprooting Stowe: Designing new histories for the 18th century English landscape*

Xi Zhang and Xiangrong Wang, 174, *Research on the Renewal Strategy of Park's Boundary under the Background of Urban Regeneration: A case study of urban parks in Beijing North Central Axis District*

Laura Noel, 320, *A Holistic Approach to Landscape Architecture: Recollecting forgotten narratives*

URBAN DESIGN (panel)

ROOM 2

Thomas Schurch, Taner Ozdil, Allyson Mendenhall, John Gibbs, and Michelle Eichinger, 211, *Urban Design in Landscape Architecture: Taking the pulse in education and practice*

EDUCATION (panel)

ROOM 3

Kofi Boone, Ken Yocom, Megan Barnes, David Gooze, 285, *Recruitment and Retention in Undergraduate Landscape Architecture Education*

ENGAGED SCHOLARSHIP

ROOM 4

Mark Lindquist, 280, *Co-designing Resilience: Engaging residents in the design and application of a video game-based decision support system*

Kris Fox, 128, *Design Emancipation Technology: Giving purpose to BIM/LIM through community-based design*

Carolina Segura Bell and Barb Young, 200, *Branching Out: Engaging community through interdisciplinary, vertical, collaborative design charrettes*

Maren King, Robin Hoffman, and Elena Juodisius, 268, *The Evolving Dynamics of the Engaged Scholarship of Sustainable Community Development*

EDUCATION

ROOM 5

David Barbarash and Sean Rotar, 391, *Integrated Project Assessment and Effectiveness*

David Smith and Wolfram Hoefer, 455, *Teaching Formal Frameworks for Structuring Planning and Design Objectives for the Regional Scale*
Celen Pasalar, Anna Grace Fitzgerald, and Renae Mantooth, 470, *Systems Thinking and Transdisciplinary Learning through Community-Based Engagement Projects Integrated in Landscape Architecture Pedagogy*

ENGAGED SCHOLARSHIP

ROOM 6

Rebekah VanWieren, 495, *Vacant Land Regeneration on Reservation Land*

Bob Scarfo, 37, *Setting New Research Agendas: Building resilient communities on resilience in youth*

Holly Nelson, Christina Kaunzinger, JeanMarie Hartman, Edwin Gano, Lena Struwe, and Laura Lawson, 354, *Engaged Learning in the Campus Landscape*

C.L. Bohannon, 487, *Utilizing the Residential College Model to Fuse Leadership, Social Change and Community Engagement*

PEOPLE AND ENVIRONMENT (panel)

ROOM 7

Chanam Lee, Sungmin Lee, Robert Brown, Forster Ndubisi, William Sullivan, Jun Hyun Kim, Naomi Sachs, 151, *Landscape Architecture for Health: Weaving health into landscape architecture research*

PEOPLE AND ENVIRONMENT	ROOM 8	LANDSCAPE PERFORMANCE	ROOM 12
Dongying Li and William Sullivan, 168, <i>Nature and Learning: Density of tree canopy cover in school surroundings and high school academic performance</i>		Phillip Zawarus, 22, <i>Quality over Quantity: Assessing tree health for higher performance in desert parking lots</i>	
Wenwen Cheng and Robert Brown, 176, <i>Designing UV Healthy and Thermally Comfortable Schoolyard Environments in Low Latitude Urban Areas (College Station, TX)</i>		Jonghoon Park, Jun-Hyun Kim, Ming-Han Li, Dong-Kun Lee, 217, <i>Spatial Cooling Ranges of Small Green Spaces using a T-type Thermocouple Sensor</i>	
Michael McCullough, Michael Martin, and Mollika Sajady, 180, <i>Building the Outside-in Classroom</i>		Stephen Wheeler, John Dialesandro, Yaser Abunnasr, 326, <i>Dynamics of Heat Islands for Dryland Cities and Implications for Mitigation</i>	
Nathania Martinez Gonzalez and Alpa Nawre, 111, <i>Lessons for Designing Outdoor Classrooms for Middle-school Students</i>		Ian McRae, Frank Freeman, and Ana Rivera, 402, <i>The Effects of Urban Morphology and Meteorology on Building-scale Design in a Changing Climate</i>	
HISTORY	ROOM 9	COMMUNICATION	ROOM 13
Hans Klein-Hewett, 58, <i>The Changing Visions of American Sublimity</i>		Jacob Mitchell, 339, <i>Measured Perspective: A survey of point-clouds for landscape</i>	
Fernando Magallanes, 303, <i>The Dying Hand: Between biology, psychology, and the future of the environment</i>		Aidan Ackerman, 19, <i>Paving the Way for Building Information Modeling (BIM) Adoption in Landscape Architecture</i>	
Alberto de Salvatierra, 230, <i>Landscape Architecture Theory as Children's Storybooks: Educating the youngest generation of designers</i>		Evan Lanning and Blake Belanger, <i>Revealing the Fracklands: A framework for addressing the wicked problems of hydraulic fracturing</i>	
RESEARCH BY DESIGN	ROOM 10	SUSTAINABILITY	ROOM 15
Rob Holmes, Kathleen Kambic, Mary Pat McGuire, Kristi Cheramie, and Brett Milligan, 357, <i>Research by Design Track Discussion</i>		Hong Wu and John Hall, 144, <i>Exploring Maintenance-Friendly Planting Design For Green Stormwater Infrastructure</i>	
RESEARCH METHODS	ROOM 11	Ebru Ozer and Berrin Tansel, 401, <i>Climate Considerations for Design, Implementation, and Maintenance of Green Stormwater Infrastructure in Urban Areas</i>	
Samantha Stewart, Peter Miniutti, and Natalie Gray, 206, <i>Evaluating the Success of Making Equitable, Predictable, and Transparent Development Decisions by Encouraging Community and Stakeholder Collaboration Through Two Participatory Design Case Studies</i>		Sohyun Park, Jaehoon Lee, and Seungman Kim, 451, <i>The Relationships between Urban Green Spaces and Fine Particulate Matter in Six Largest Cities in Texas</i>	
Sarah Little and Adina Cox, 329, <i>Advancing Design Research: Creating a new framework from three approaches to case study research</i>			
Jun-Hak Lee, 431, <i>Automated Individual Tree Detection and Canopy Segmentation in an Urban Context using Airborne LiDAR Data</i>			
Yalcin Yildirim, 449, <i>Associations between Sound and Transit Oriented Developments</i>			

SESSION 6

3/9 SATURDAY 2:00-3:30

RESEARCH BY DESIGN

ROOM 1

Timothy Baird, 302, *Design AS Research: Adopting creative work as a viable path to tenure*
Samantha Solano, 63, *Distinguished Landscapes: A comparative spatial atlas of ASLA's award winning projects from 1981-2018.*
Marc Treib, 46, *Better than Just Research: Humanistic practice*
Rod Barnett, 149, *On Not Knowing What You Are Doing*

HISTORY

ROOM 2

Eunshin Son and Jeong-Hann Pae, 106, *Expanding the Definition of the Contemporary Memorial Designed for the Public Memory*
Yasmin Fozard, 135, *From Slavery to Freedom Hill and Beyond*
Martin Holland, 479, *Problematic Statuary in the Canadian Context: The legacy of Sir John A. MacDonald.*
Zhe Li, Kaiyu Shao, Feifei Chen, and Xiao Han, 105, *On the Design Concept of Commemorative Landscape Based on the Teenagers' Cognitive Features in Contemporary China: A case study of Mashan Martyrs' Park*

EDUCATION

ROOM 3

Max Marschall, Jacob Lindsay, and Jane Burry, 54, *DataScapes: A landscape architectural workshop incorporating environmental data capture into the design process*
Iryna Dronova, 154, *Inspiring Urban Design Innovation with Microclimate Research Tools*
Natalie Yates and Peter Ellery, 150, *Drones In (and Out of) the Classroom: Experiences and outcomes of a UAS technologies course and beyond*
Drew Hill, Benjamin George, and David Evans, 394, *How Virtual Reality Impacts the Landscape Architecture Design Process at the Site-scale during the Phases of Analysis and Concept Development*

LANDSCAPE PLANNING & ECOLOGY

ROOM 4

Travis Flohr, 23, *Wildfire Risk Reduction: Evaluating local government's implementation of wildfire risk reduction best practices in the American West*
Yiwen Han, 10, *Role of Landscape Pattern of Current Forests in affecting the Habitat Quality of Historical Remnants in a Highly Urbanized Area: Seoul (1972-2015)*
Behnoud Aghapour, 215, *Assessment of Expanding Light Rail Transit (LRT) Versus Highway: Influence on land use change and habitat fragmentation*

EDUCATION

ROOM 5

Gerhard Griesel, 72, *A Framework for Enhancing the Design Skill Sets of Foundation Programme Landscape Architecture Students*
Hope Hasbrouck, 422, *Volume Reboot: A framework for fundamental design exercises*
Bambi Yost and Jon Hunt, 423, *Helping Students Overcome Fears and Obstacles in Beginning Design Classes*
Kathryn Nelson, 79, *Assessing Student Attainment of Departmental Student Learning Outcomes through External Review using Qualtrics Survey Responses from Internship Supervisors.*

ENGAGED SCHOLARSHIP

ROOM 6

Jayoung Koo, 228, *A Balancing Act: Scoping out the boundary between service-learning and community design*
Blake Belanger and Howard Hahn, 294, *Eight Years of Engaged Scholarship in Community Planning and Design Studio*
Will Green, 304, *Interdisciplinary Studios, Problem-solving with a Focus: Collaboration, engagement and communication for creating sustainable places*
Anne Taufen and Jennifer Arnold, 323, *Constructing Grounded Practice: Roadmap to civic engagement, UW livable city year, and the community planning studio*

PEOPLE AND ENVIRONMENT	ROOM 7	EDUCATION	ROOM 10
Sara Hadavi, Paul Gobster, Alessandro Rigolon, and William P. Stewart, 413, <i>Greening Vacant Lots, Visual Quality and the Issue of Crime in Urban Residential Areas: A longitudinal study</i>		Carla Delcambre, Andrew Fox, and Jesse Turner, 283, <i>Design + Build at a Land Grant University</i>	
Robert Ryan, Paige Warren, and Brenda Bushouse, 62, <i>Re-connecting Local Residents to Urban Forests: Implications for place attachment, ecology, and stewardship</i>		Dan Li, Mintai Kim, and Cermetrius Bohannon, 442, <i>Exploring Education for Sustainability in LAAB-accredited Landscape Architecture Programs</i>	
Xiyue Wang, Shiyang Zhang, and Xiangrong Wang, 387, <i>Interstitial Urban Space: Strategic framework of urban wildscape in the context of living environment</i>		Frederick Lutt, 107, <i>Co-operative Education for Master of Landscape Architecture: Challenges and opportunities</i>	
Fatemeh Saedi-Rizi, Wen Ling Chung, Chun-Yen Chang, and William Sullivan, 384, <i>The Impacts of Exposure to Urban Nature on Healthcare Workers</i>		Kristopher Pritchard and Maria Bellalta, 136, <i>Building Relationships Between LAAB-Accredited Programs and Community Colleges</i>	
PEOPLE AND ENVIRONMENT	ROOM 8	HISTORY	ROOM 11
Mei Yang and Zhaoyang Feng, 68, <i>Comparative Study on Spatial Forms of Ancient Waterside Towns Based on Google Earth Pro: Taking the example of Qingmuchuan, Fenghuang and Houliu in Southern Shaanxi, China</i>		Costis Alexakis, 364, <i>Landscape Architecture and Advocacy in the Early 1900s</i>	
Sijie Wang and Xiong Li, 127, <i>Low Impact Development of Green Space in Shallow Mountain Area--Based on Water Balance</i>		Virginia Russell and Sadaf Khalil Zare, 366, <i>Current Position of Women in Landscape Architecture Profession. (With emphasize on women principals)</i>	
Sungmin Lee, Chanam Lee, Wei Li, Minjie Xu, Xuemei Zhu, Sameul Twone, and Marcia Ory, 153, <i>Neighborhood Factors, Walking Behavior, and Transit Use Associated with Perceived Crime among a Primarily Hispanic and Low-Income Population</i>		Kris Fox, 322, <i>Forty Years of Trends in Technology and Materials Columns in Landscape Architecture Magazine: 1978-2017</i>	
Lingyun Liu, Hongqian Wang, Bo Yang, and Qingqing Wei, 172, <i>Children's Daily Activities, Spatiotemporal Characteristics, and Daily Life-Sphere Structure: A case study of Wuhan, China</i>		Gabriel Diaz Montemayor, 226, <i>On the Shaping of a Latin American Landscape Architecture</i>	
URBAN DESIGN	ROOM 9	LANDSCAPE PERFORMANCE	ROOM 12
Joern Langhorst, 187, <i>Enacting the Right to Place: Contested terrains, multiple publics, and landscape democracy</i>		Bo Yang, Yi Luo, and Shujuan Li, 53, <i>Social Benefits Assessment: Comparing Project Goals with Outcomes</i>	
Cory Parker, 242, <i>Homeless Negotiations of Public Exclusions in the California Urban Landscape</i>		Taner R. Ozdil and Gul Atanur, 69, <i>Assessing Social Performance in Revitalized Urban District: Perceptions on Bursa Hans District</i>	
		Lisa DuRussel, 86, <i>The New Nature: Digital media in landscape performance</i>	
		Jessica Canfield and Scott Randall, 290, <i>Material Selection in Landscape Architecture Practice</i>	

Xin Jiang and Xiangrong Wang, 55, *Visual Communication: Application research of virtual reality technology in landscape exhibition*

Andrea Galinski, 398, *The Role of Landscape Visualization in Large-Scale Ecological Restoration Planning: A review of Louisiana's Coastal Master Plan*

Brent Chamberlain and Howard Hahn, 278, *Konza StudioVR: Developing the virtual reality environment*

Howard Hahn and Brent Chamberlain, 276, *Konza Studio: A pedagogical retrospective*

SESSION 7

3/9 SATURDAY 4:00-5:30

RESEARCH BY DESIGN

ROOM 1

Alexandra Lemke and Kristi Cheramie, 385, *The [in]Visible Road: Spaces of detention + deportation in the U.S.*

Alyssa Schwann and Jan Haenraets, 36, *A Museum of Anthropology: Conflicted iconography, contested land*

Peter Ellery and Jane Ellery, 48, *Redefining Education in Africa: Creating African-centric learning environments through culturally identifiable landscapes*

HISTORY

ROOM 2

Yujia Zhong, 342, *The Influence of Traditional Ecological Water Conservancy Facilities on Landscape Patterns of Cities and Regions: A case study of Linfen Basin Area*

Bo Zhang, 410, *Codifying McHarg's Aesthetics from Six Projects*

Ann Komara, 480, *Civilian Conservation Corps: Landscape documentation in the Allegheny National Forest*

Stefania Staniscia, 347, *Challenges of Adapting the Landscape Character Assessment Method to a Case Study in West Virginia*

EDUCATION

ROOM 3

Ann Hildner, 336, *Engaging Landscapes with Words: The use of language as a design tool in landscape architecture education*

Rosalea Monacella and Bridget Keane, 359, *'Landscape' / 'Architecture' | 'Seeing' / 'Acting': Structuring disciplinary dichotomies for rhizomatic learning*

David Zielnicki and Daniel Roehr, 412, *Topographic Literacy: Outreach, innovation, and accessibility in contemporary grading & drainage education*

Joern Langhorst and Leila Tolderlund, 291, *The Deep Read: Towards a cross-cultural immersive understanding of place*

LANDSCAPE PLANNING & ECOLOGY ROOM 4

Qingwei Cui, 212, *Quarry Landscape: Study on landscape morphological characteristics of abandoned quarries in North China and the public aesthetic cognition*

Patrick Miller and Jisoo Sim, 416, *Scenic Viewsheds: Making the turn*

Penelope Cottrell-Crawford, Kelly Cederberg, Philip Stoker, and Penelope Cottrell-Crawford, 321, *Impacts of Golf Course Land Use Change on Residential Property Values*

Runzi Wang and Ming-Han Li, 247, *Exploring Stream Water Quality Management with Hydrologically Sensitive Area (HSA) Approach: A case study in San Jacinto River Basin, Texas*

EDUCATION

ROOM 5

Lora Martens, 436, *Community Focused Design on Campus: A complex and safe place for examining tough subjects and testing ideas in community design*

Deni Ruggeri and Ellen Fetzer, 30, *The Digital Classroom as Landscape Democracy Arena: Toward a socially transformative pedagogy in design and planning*

Haven Kiers, 129, *Nature Rx: Improving health by spending time outside*

ENGAGED SCHOLARSHIP

ROOM 6

Shelley Cannady, 472, *Reaching Out, Reaching In: Reciprocal meaning and relevance in community design*

Katie Kingery-Page, Donna Schenk-Hamlin, Brandon Irwin, and Riccardo Prudenti, 408, *Revealing the Story (Stories) of Housing in a Public Dialogue*

Dominc Fischer and Meghan Kirkwood, 369, *Engaged Fields: Through landscape photography and landscape architecture links*

Theodore Eisenman, 93, *Engaged Scholarship in Urban Greening Theory & Practice*

PEOPLE AND ENVIRONMENT	ROOM 7	SUSTAINABILITY	ROOM 10
Chingwen Cheng, Deni Ruggeri, and Tonje Cecilie Stordalen, 71, <i>Ecological Design as a Catalyst for Social Change: An assessment framework and case studies in USA and Europe</i>		Yekang Ko, 331, <i>Resolving Conflicts of Greens in Energy Landscapes: The Role of innovative design and spatial planning</i>	
Stephen Mainzer, Kendall Mainzer, and Alexandria Chomyn, 85, <i>Assessing the State of Landscape, Community, and Behavior Inquiry in Landscape Architecture Practice</i>		Bianjie Ji and Mallika Bose, 484, <i>Residential Preference, Residential Satisfaction and Sustainability: Lessons from a campus town</i>	
Nikolas Smilovsky and Sam Striker, 251, <i>Predicting the Geography of Behavior</i>		Gary Austin, 84, <i>European Green Capitals: Performance in sustainable development</i>	
David Spooner, 61, <i>Measuring Walkability Through Movement: A flip-book approach</i>		Paul Coseo, 130, <i>An Urban Climate Design for More Thermally-Comfortable and Equitable Communities</i>	
PEOPLE AND ENVIRONMENT	ROOM 8	HISTORY	ROOM 11
Yang Song, Evan Lecy, Dominic Fischer, and Runzi Wang, 225, <i>Machine Learning From Las Vegas: Analyzing big datasets of online reviews for improved placemaking guidelines.</i>		Zheng Li, 50, <i>Regulating Hillside Development in Metropolitan Areas: The Los Angeles experience</i>	
Gareth Doherty, 498, <i>Landscape Fieldwork</i>		Terry Clements and Aylin Alisan Yetkin, 499, <i>Impact of Contemporary Agriculture on Cultural Landscape Change</i>	
Olivia Shotyk, 375, <i>Indigenous Design and the Creative Process: Representing the "voices of the land" in North American landscapes</i>		Roxi Thoren, 263, <i>The Unknown Unknowns: Lessons from the anthracite trail</i>	
URBAN DESIGN	ROOM 9	LANDSCAPE PERFORMANCE	ROOM 12
Carey Clouse and Zach Lamb, 259, <i>Revisiting the Batture: Risk aware urbanism in New Orleans</i>		Yi Luo and Bo Yang, 56, <i>Doing Real and Permanent Good: Examining landscape performance benefits from an ecological wisdom perspective</i>	
Wendy R Jacobson, 277, <i>Close or Cul de Sac? Alternative Visions for the Suburb</i>		Tiezheng Zhao, Yang Zhao, Ming-han Li, 95, <i>Landscape Performance for Coordinated Development of Rural Communities & Small Towns Based on "Ecological Priority and All-Area Integrated Development" Guideline: A case study in East Zhejiang, China</i>	
Scott Carman, 244, <i>Flipping the Script: Academic and civic dividends of an 'inverted' urban design process</i>		Jason Sowell and Matthew O'Toole, 173, <i>Test Site: Integrating fuel mitigation and ecosystem services in the McDonald Observatory Wildfire Protection and Landscape Framework Plans</i>	
Shannon Bassett, 383, <i>Designing the Village Tapestry Weaving Landscape and Ecological Urbanism, Informed by Engaged Scholarship</i>		Brad Davis and Matthew Quirey, 204, <i>Rethinking Georgia Roadsides: A pilot study of perennial wheat</i>	

COMMUNICATION

ROOM 13

Anna Thurmayr, 140, *From Pigment to Pixel:
Artwork as rendering and modeling inspiration*

César Torres Bustamante and Joseph Ragsdale,
243, *Photographic Techniques to Reveal and
Articulate Landscape Phenomena*

Anne C Godfrey, 282, *A Step towards
Multiplicity: Photography for complexity*

Riccardo Prudenti and Katie Kingery-Page, 421,
*Effective Visual Representation: Graphic style and
the communication of design intent*
