

Curriculum Vitae

Weimin Li, Ph.D., ASLA



Associate Professor and Graduate Coordinator, Department of Landscape Architecture,
California State Polytechnic University, 3801 W Temple Ave. Pomona, CA
Email: wli@cspu.edu, Office Tel: 001-909-869-2715, Cell: 001-510-418-7346 (Preferred)

Education:

- Ph.D. 2008.** Landscape Architecture & Environmental Planning (LAEP), University of California at Berkeley
- M.S. 2001.** Physical Geography, Zhongshan University, Guangzhou, China
- B.S. 1994.** Urban and Resource Planning, Zhongshan University, Guangzhou, China

Teaching Awards and Honors:

- 606 Studio, Cal Poly Pomona. (2017). Lee-Anne Milburn, **Weimin Li**, Karen Hanna-Towne, and Deborah Deets (Principal Investigators); Mallory Piazzola Barrett, Katie Klein, Roxana Marashi, and Michael Russell (GRASS I); Fidelitie Yi Chang, Jon Harnish, Erik Rowan, and Trenton Vail (GRASS II). Rendering Los Angeles Green: Greenways to Rivers Arterial Stormwater System (GRASS). **American Society of Landscape Architects (ASLA) Honor Award for Research.** Client: City of Los Angeles, Bureau of Sanitation, Watershed Protection Division - Shahram Kharaghani & Deborah Deets.
- Li, W.** (2012, 2014 and 2017). **Outstanding Graduate Faculty**, Department of Landscape Architecture, California State Polytechnic University at Pomona (Cal Poly Pomona).
- 604 Studio, Cal Poly Pomona. (2016). **Weimin Li** and Douglas Morales (Instructors); Aaron Ackerman, Kevin Maynard, and Luis Pedraza (Student Awardees). Public Good(s) – **Merit Award Student Category, ASLA Southern California Chapter Quality of Life Award.**
- 512 Studio, Cal Poly Pomona. (2012). **Weimin Li** (Instructor); Carlos Flores, Hieu Nguyen and Elena Tucci (Student Awardees). The Hydrological Belt. **Honorable Mention of Campus RainWorks Challenge, Small Institution Category, The United States Environmental Protection Agency (EPA).**
- 604 Studio, Cal Poly Pomona. (2011). **Weimin Li** (Instructor); Jing Cai, Jingwen Guo and Megan Yellot (Student Awardees). Building Up Jordan Downs. **Winner Award of Wayne Grace Memorial Student Competition. Council of Landscape Architecture Registration Board (CLARB).**
- 692 Independent Study, Cal Poly Pomona. (2011). **Weimin Li** (Instructor); Jing Cai (Student Awardee). Honorable Mention of **SLANT International Design Competition, SLANT.**
- 512 Studio, Cal Poly Pomona. (2011). **Weimin Li** (Instructor); Elizabeth Hurst, Laura Male and BriAnna Weldon (Student Awardees). **Second Place, CSU Student Research Competition, California State University.**
- Li, W. (2011). Honor of eLearning Wall of Cool** (Celebrating Outstanding Online Learning), I & IT Department, Cal Poly Pomona

Professional Planning and Design Reports Resulted from Teaching:

- 606 Studio, Cal Poly Pomona. (2016). *Collective Efforts - Revitalizing Lower La River Communities.* Department of Landscape Architecture, Cal Poly Pomona (Role: Co-PI and Studio Faculty Advisor)
- 606 Studio, Cal Poly Pomona. (2016). *Community Constructed.* Department of Landscape Architecture, Cal Poly Pomona (Role of Li: Co-PI and Studio Faculty Advisor)
- 606 Studio, Cal Poly Pomona. (2016). *Peters Canyon Regional Park General Development Plan.* Client: Orange County Parks, Irvine, CA, Department of Landscape Architecture, Cal Poly Pomona (Role of Li: Co-PI & Faculty Advisor)
- 606 Studio, Cal Poly Pomona. (2016). *Greenways to Rivers Arterial Stormwater Systems (Phase 2).* Client: The Bureau of Sanitation, Public Works, City of Los Angeles, CA, Department of Landscape Architecture, Cal Poly Pomona (Role of Li: Co-PI and Studio Faculty Advisor)
- 606 Studio, Cal Poly Pomona. (2015). *RE: Imagine Garden Grove - Community in Motion.* Client: The City of Garden Grove, CA, Department of Landscape Architecture, Cal Poly Pomona (Role of Li: Co-PI & Studio Faculty Advisor)
- 606 Studio, Cal Poly Pomona. (2015). *Alternative Futures of the Antelope-Fremont Valleys,* Department of Landscape Architecture, Cal Poly Pomona (Role of Li: Studio Faculty Advisor)

- 606 Studio, Cal Poly Pomona. (2013). Catalyzing Connectivity: Rediscovering Creeks in the East San Gabriel Valley, Department of Landscape Architecture, Cal Poly Pomona (Role of Li: Studio Faculty Advisor)
- 606 Studio, Cal Poly Pomona. (2013). Greenways to Rivers Arterial Stormwater Systems (Phase 1), for the Bureau of Sanitation, Public Works, City of Los Angeles, CA Department of Landscape Architecture, Cal Poly Pomona (Role of Li: Studio Faculty Advisor)
- 606 Studio, Cal Poly Pomona. (2013). Watershed Whisperers – Exploring Potential for Water Use, Infrastructure, and Environmental Justice in the Owens Valley and Mono Basin, Department of Landscape Architecture, Cal Poly Pomona (Role of Li: Studio Faculty Advisor)
- 606 Studio, Cal Poly Pomona. (2010). Filling in The Cracks; Exploring Natural Processes. Client: The City of Fullerton. Department of Landscape Architecture, Cal Poly Pomona (Role of Li: Studio Faculty Advisor)

Teaching Experience (Courses Taught):

Assistant and Associate Professor, Landscape Architecture, California State Polytechnic University (2008-2017):

- (U) LA 252L Computer Application in Landscape Architecture (Spr. 2009, 2010)
- (U) LA 302L Intermediate Landscape Design Studio (Winter 2011, 2012)
- (U) LA 303 Intermediate Landscape Design Lecture (Spr. 2011, 2012)
- (U) LA 465 Senior Project (Fall 2008 to 2010; Winter 2009 to 2011; Sp. 2009, 2010)
- (U) LA 499/L Introduction to GIS in Landscape Architecture (Winter 2009 to 2017)
- (G) LA 512/L Methods and Application in Landscape Architecture (Fall, 2009 to 2014, 2016 to 2017)
- (G) LA 602/L Natural Processes Landscape Design (Winter 2010)
- (G) LA 604/L Environmental Analysis (Spring 2009-2014, 2016-17)
- (G) LA 606L Ecosystematic Landscape Design (Winter 2013 to 2017; Sp. 2010, 2014-2017)
- (G) LA 632L Landscape Technologies (Fall, 2017)
- (G) LA 692 Independent Study (Fall 2012, Winter 2012, Spr. 2011, 2012)
- (G) LA 694 Thesis/Project Research (Winter 2010)

Graduate Student Instructor, University of California at Berkeley (2002-2008):

- (U) LA 188x, Introduction to GIS, Dept. of LAEP (Fall 2003, 2004, 2007)
- (U) LA 134b, Landscape Designing in Digital World, Dept. of LAEP (Sp. 2004)
- (U) IDS 110, Introduction to Computers, School of Engineering - Fall 2002; Sp. 2002, 2003
- (U) LA 132 Computer Application in Environmental Design, Dept. of LAEP (Sp. 2006)
- (G) LA 221 Quantitative Methods in Environmental Planning, Dept. of LAEP (Fall 2005, 2007)
- (U) ESPM 72 Introduction to Geographic Information Systems, Dept. of Environmental Science, Policy, and Management (Sp. 2007)
- (G) GIS Short Course, UC Berkeley GIS Center (2003 ~ 2006), UC Merced (2005)

Selected Publications and Works in Progress:

- Luo, T. and Li, W. (in progress), Disparity between Proximity-based Park Accessibility Standards and Stratified Users' Access and Willingness-to-Walk-to-Parks – Findings from Shanghai and Los Angeles.
- Li, W., Winter, P.L., Milburn, L.S. and Padgett, P. E., Uncertainties in Measuring Neighborhood Environment with Google Street View On-Screen Rating and GIS Modeling. (Paper in Progress)
- Li, W. and Lee-Anne Milburn. (2016). The Evolvement of Design Tools and the Emergence of Geodesign in Landscape Architecture", *Journal of Landscape and Urban Planning, Geodesign Special Issue. 2016*
- Li, W., (2016). "Complex Landscape, Simplified Representation – Integrating Data-Driven and Idea-Driven Technologies for Landscape Representation", in Nadia Amoroso (Eds), *Representing Landscapes – Hybrid*, Routledge.
- Li, W., Milburn, L., Fagnan, A., Yang, Y., Perisho, J. and Montano, M. "Geodesign in Landscape Architecture – Anticipating the Future of Connectivity Planning and Design", in Revision, *Journal of Landscape and Urban Planning*.
- Li, W. and Radke, J. (2012). "Geospatial Data Integration and Modeling for the Investigation of Urban

Neighborhood Crime, *Annals of GIS*, Vol. 18, No.3, 185-205.

- Li, W., Radke, J, Liu, D., Gong, P. (2012). "Measuring Detailed Urban Vegetation with Multisource High Resolution Remote Sensing Imagery for Environmental Design and Planning", *Environment and Planning B*. Vol. 39. No. 3.
- Luo, Tianqing, Li, W. and Hanna, K. (2011). "Density Change and Their Impact on Sustainable Recreational Travel to Parks in Large Chinese Cities: Shanghai Case. *Applied Mechanics and Materials – Architecture and Building Materials*. Vols. 99-100 (2011) p. 1121-1127.
- Li, W. (2007). Cartography, GIS and graphic design, in *Canoe Atlas of the Little North* Edited by Berger, Jonathan & Thomas Terry, Erin, Ontario, Canada: Boston Mills Press, 2007.
- Li, W. (2000). "A Comparison of Society-Resource-Environment-Development (SRED) system of the east and the west Pearl River Delta," *Ecological Economy* No.8, P.15-19.
- Li, W. (2000). "A Discussion on Sustainable Development of Regional Economy" ISBN 1006-4370 *Ecological Economy* No. 5 P. 27-30.
- Li, W. (1999). "An Analysis of the Impacts of Changing Corridors on Urban Ecosystem" ISSN1001-8107 *Geography and Territorial Research* Vol.15, No.4, P.76~81.
- Li, W. (1999). "A Preliminary Analysis of Population-Resource-Environment-Development (PRED) system of Jiangmen city, Guangdong Province" ISSN1001-8642 *Economics Geography* Vol.19 Supplement, P. 76-82.
- Li, W. (1999). "Environmental Protection of Fruit Jungles in Haizhu, City of Guangzhou" ISSN1001-8141 *Resource Development & Market* Vol.15, No.6, P. 362~363.
- Li, W. 1999. "The Urban Ecological Functions of the Haizhu Fruit Jungle in Guangzhou, China" *Development of Research Network for Natural Resources, Environment and Ecology* Vol. 10 No.3, P. 32-36
- Li, W. (1999). "Landscape Design as a Marketing Strategy of Real Estate Development in Guangzhou City" *South China Real Estate* December, P51-52.
- Li, W. (1999). "An Analysis on Pricing Strategies of Real Estate Sale", *China Real Estate*, November, P. 13-14.

Conference Papers & Invited Presentations:

- Winter, P.L., Padgett, P.E., Milburn, L.A., Li, W. (2017). Urban Parks as the nexus for socioecological resilience. Presentation delivered at the USFS R & D Health and Nature workshop, July 26, 2017, Washington, DC
- Li, W. (2016). "Big Data for the Grand Scheme of Things in Landscape Architecture", Invited Talk in the School of Architecture and Urban Planning, Tongji University, Shanghai China. July.2016.
- Li, W. (2016). "Evolvement of Geodesign in Landscape Architecture", Invited Talk in the School of Architecture and Urban Planning, Tongji University, Shanghai China. July 2016.
- Winter, P.L., Milburn, L.A.; Li, W., and Padgett, P.E. (2016). Urban community study reveals multiple layers of risk and resilience. Poster presented at the Why So Few? Women and Minorities in USFS Research Workshop, PNW and PSW Research Stations; Portland, OR (10/26).
- Milburn, Lee-Anne; Deets, D.; Li, W.; Harnish, J.; Rowan, E.; Chang, F.; Vail, T. (2015). Transportation Corridors as Flow Corridors for Resource Management: Roads as "Streams" and their Role in the "Greenways to Rivers Arterial Stormwater System (GRASS)", Transportation Research Board Waste Management & Resource Efficiency Workshop: "Sustainability in a Time of Resource Scarcity", hosted by LA Metro. June 7th –June 10th, 2015.
- Winter, P. L.; Padgett, P. E.; Milburn, L.; Li, W. (2015). Understanding risk and exposure in an urban case study. Social Vulnerability Webinar Series, US Forest Service. Delivered virtually by Winter with questions answered by Winter and Padgett on April 8.
- Li, W. (2015). "Inciting Changes to Geodesign Education in Landscape Architecture – An Ongoing Case at Cal Poly Pomona". Presentation to *CELA Annual Conference 2015*, Kansas State University, March 24-28, 2015.
- Galen Newman, Ryan Perkl, W. Li and Alison Smith. (2015). "Applications of Geodesign". Panel Presentation and Discussion to *CELA Annual conference 2015*, Kansas State University, March 24-28, 2015.
- Milburn, L. S.; Li, W.; Webb, E.; Emery, S.; Tucci, E.; Hieu, N.; Gonzalez, J.; Yuan, K. (2015). "Reimagining Garden Grove: Integrating Multiple Modes and Methods of Public Participation to Reach Diverse Audiences". Presentation to *CELA Annual conference 2015* Kansas State University, March 24-28, 2015.

- **Li, W.**, Milburn, L., Fagnan, A., Yang, Y., Perisho, J. and Montano, M. (2015). "Geodesign for Sustainable Landscape Systems, Integrating Connectivity and Suitability", Lightning Talk Presentation to Geodesign Summit 2015, Redlands, California, January 22nd -23th.
- Milburn, L. S., Hanna-Towne, K. and **Li, W.** (2014). "Bicycle Greenways Embedded with BMPs: Address Park Poverty, Pollution and Aquifer Recharge". Presentation to **CELA 2014: Layers - Landscape, City, Community**, Baltimore, Maryland, March 26-30, 2014.
- **Li, W.** (2014). "Big Data for the Grand Scheme of Things in Landscape Architecture", Invited Talk in the School of Landscape Architecture and Planning, University of Arizona, Tucson, AZ. March 2014.
- **Li, W.** (2013). "3D Landscape Construction with High Resolution Imageries and LiDAR Data", Paper Presented in **ESRI International User Conference** Advanced Level Section, July 2013 San Diego, CA.
- **Li, W.** (2013). "Constructing 3D Urban Landscape with High Resolution Remote Sensing Imageries and LiDAR Data", Paper Presented in **American Association of Geographers (AAG) Annual Conference**, April 2013, Los Angeles, CA.
- **Li, W.** (2012). "Constructing 3D Urban Landscape with High Resolution Remote Sensing Imageries and LiDAR Data", Long Abstract Accepted by **Digital Landscape Architecture Conference** 2012, Bernburg, Germany.
- **Li, W.** (2012). "Big Data for the Big Scheme of Things in Landscape Architecture", Invited Talk in **LAEP Colloquium**, University of California at Berkeley, September 12th, 2012.
- **Li, W.** (2012). "Solving Real World Problems with Geographic Information Sciences", Invited Talk in **C188 Introduction to Geographic Information System**, University of California at Berkeley, September 11th, 2012.
- **Li, W.** (2012). "Geospatial Data Integration and Modeling for the Investigation of Neighborhood Crime", Presented in **Geoinformatics International Conference**, Hongkong, June.
- **Li, W.** (2012). "The Role of Pattern Recognition in Landscape Architecture", Presented in **Council of Educators of Landscape Architecture (CELA) Annual Conference**, Urbana, IL, March.
- **Li, W.** (2011). "A Systematic Investigation on Urban Vegetation and Neighborhood Crime" (With John Radke), Presented in **Council of Educators of Landscape Architecture (CELA) Annual Conference**, Los Angeles, April.
- **Li, W.** (2011). "An Automated Recognition and Classification of Vegetation for Data Rich Urban Models: A Case Using Affordable High-resolution Imagery" (With John Radke), Presented in **Council of Educators of Landscape Architecture (CELA) Annual Conference**, Los Angeles, April.
- **Li, W.** (2010). "Capitalizing the Value of Urban Environmental Amenities with Geospatial Information and Technologies", Presented in **American Association of Geographer Annual Meeting**, Washington D. C., April.
- **Li, W.** (2009). "Integrating Geo-spatial Technologies for Social and Behavioral Research", Presented in **American Association of Geographer Annual Meeting**, Las Vegas, March.
- **Li, W.** and Hue, I. (2009). "A Geospatial Approach for Measuring Neighborhood Context" (with Iris Hue), Presented in **American Association of Geographer Annual Meeting**, Las Vegas, March.
- **Li, W.** (2009). "How Diversity Affects Neighborhood Safety?" Presented in **Environmental Design Research Association (EDRA) Conference**, Kansas City, May.

Teaching and Research Funding:

- **Li, W.** (Co-PI). (Pending). **Greater Los Angeles County (GLAC) Disadvantage Community Involvement Program (DACIP)**, (PI: Boykin Witherspoon, WRPI Executive Director). California State University, CA.
- **Li, W.** (Co-PI). (Pending). **Water Resource Control Board Proposition 1 Technical Assistance Disadvantaged Communities Funding Program**. (PI: Boykin Witherspoon, WRPI Executive Director). California State University.
- **Li, W.** (Co-PI). (2017). **California Energy Commission/Los Angeles Cleantech Incubator (CEC/LACI) GIS Project**. (PI: Boykin Witherspoon, WRPI Executive Director). \$50,000 granted by California Energy Commission. California State University, CA.
- **Li, W.** (PI). (2017). **Technical Data Support for the Gateway Cities and Rivers Urban Greening Master Plan**. \$30,360 granted by Watershed Conservation Authority, Azusa, CA.

- **Li, W. (Co-PI). (2016). Water for Communities in Need: Determining Processes, priorities, and Successes.** (PI: Julianna Delgado). \$15583 awarded by 2016-2017 Strategic Interdisciplinary Research Grant Program (SIRG), California State Polytechnic University, Pomona
- **Li, W. (Co-PI). (2016). Recreation, Education and Livability (REaL) Impacts for Affluent and Disadvantaged Los Angeles Residents: Exploring Multiple Measures of Quality of Life as Impacted by Environmental and Programming Quality.** (PI: Lee-Anne Milburn). \$40000 granted by USDA Forest Service, Pacific Southwest Research Station.
- **Li, W. (Co-PI). (2014). Destination PECA: Envisioning a Future for Peters Canyon Regional Park, Orange County** (PI: Lee-Anne Milburn), Funded 606 Project, \$48518.68 funded by Orange County Parks, Irvine, CA 2014-2015.
- **Li, W. (Co-PI). (2014). "One Water: Grass Two": Los Angeles River Watershed Stormwater Bluebelt Strategy** (PI: Lee-Anne Milburn), Funded 606 Project, \$46018.45 funded by the Bureau of Sanitation, Public Works, City of Los Angeles, CA 2014-2015.
- **Li, W. (Awardee). (2014). Faculty Professional Development Mini-Grant, \$1000** from California State Polytechnic University, Pomona, 2014~2015
- **Li, W. (Awardee). (2014). President's Research, Scholarship, and Creative Activity Fund (RSCA), \$5000** Summer Stipend from California State Polytechnic University, Pomona, 2014~2015
- **Li, W. (Awardee). (2014). "University Teacher-Scholar Support 2014-2015", 8 WTU (\$9,600)** assigned time awarded by the Provost's Office, California State Polytechnic University at Pomona, June 2014.
- **Li, W. (PI). (2013). "Geodesign Online Courses for Environmental Design Students",** Awarded \$24,835 by the Instruction Innovation Program, Special Projects for Improving the Classroom Experience (SPICE) California State Polytechnic University, Pomona, CA, 2013-2014.
- **Li, W. (Awardee). (2013). "University Teacher-Scholar Support 2013-2014", 4 WTU (\$4,800)** assigned time awarded by the Provost's Office, California State Polytechnic University at Pomona, Dec. 2013.
- **Li, W. (PI). (2013). Geodesign Server,** awarded \$10,000 by the Innovative Approaches to Instruction Program, Improving the Classroom Experience Funding, California State Polytechnic University, Pomona, CA, 2013-2014.
- **Li, W. (Proposal Developer). (2013). LARIAC Data Acquisition,** awarded \$10,000 by the Innovative Approaches to Instruction Program, Improving the Classroom Experience Funding, California State Polytechnic University, Pomona, CA, 2013-2014.
- **Li, W. (Proposal Developer). (2013). GIS Lab Improvement,** awarded \$15,000 by the Modernize Classroom Equipment Program, Improving the Classroom Experience Funding, California State Polytechnic University, Pomona, CA, 2013-2014.
- **Li, W. (Co-PI). (2013). Reimaging Downtown Garden Grove,** Funded 606 Project, \$20,000 funding from City of Garden Grove, California, 2013-2014 (PI: Lee-Anne Milburn).
- **Li, W. (Research Collaborator) (2010 & 2012) Fostering Sustainable Transit in Great Cities through Optimizing Spatial Patterns of Green Open Space** (PI: Tianging Luo) – Awarded with ¥100,000 RMB from the Chinese National Science Foundation, P.R. China (2010-2011) and another ¥100,000 RMB from Shanghai Pujiang Funding Program, P.R. China (2012-2013).
- **Li, W. (Awardee). (2011). President's Research, Scholarship, and Creative Activity Fund (RSCA), \$5000** Summer Stipend from California State Polytechnic University, Pomona, 2011~2012
- **Li, W. (Awardee). (2010). Provost's Teacher-Scholar Award (\$11,000),** Cal Poly Pomona
- **Li, W. (Awardee). (2009, 2010 & 2011). President's Faculty Travel Fund,** Cal Poly Pomona
- **Li, W. (Awardee). (2009 & 2011). Faculty Professional Development Mini-Grant,** Cal Poly Pomona
- **Li, W. (Awardee). (2009). Faculty Summer Institute Fund for Hybrid & Online Course Development,** I & IT Department, Cal Poly Pomona