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EDUCATION

PhD, Urban and Regional Science (2002), Texas A&M University.
Master of Landscape Architecture (1998), Texas A&M University.
Master of Science in Civil Engineering (1995), The University of Texas at Austin.
Bachelor of Science in Agricultural Engineering (1990), National Taiwan University.

PROFESSIONAL REGISTRATION

Professional Landscape Architect, Texas since 2001 (by examination, License No. 2048).
Professional Engineer, Texas since 2002 (by examination, License No. 91045).

SPECIAL RECOGNITION

Fellow, American Society of Landscape Architects.
Fellow, Council of Educators in Landscape Architecture.
Dr. David E. Schob Senior Scholar (equivalent to professorship), Department of Landscape Architecture and Urban Planning, Texas A&M University (2014-2017).
President, Council of Educators in Landscape Architecture (2015-2016).
Member of Board of Directors, Landscape Architecture Foundation (2012-2014).
Faculty Senator, Texas A&M University (2009.2–2011.8).

EMPLOYMENT HISTORY

Current

1/2018 – present **Professor and Director**, School of Planning, Design and Construction, Michigan State University.
 1/2018 – 8/2019 **Interim Program Director**, Ph.D. Program of Planning, Design and Construction, Michigan State University.

Past

9/2014 – 12/2017 **Professor and Senior Schob Scholar**, Texas A&M University, Department of Landscape Architecture and Urban Planning.
 6/2011 – 8/2017 **Associate Department Head and BLA Program Coordinator**.
 10/2012 – 12/2017 **Executive Committee Member**, Water Management and Hydrological Science Program (**Interdisciplinary Program**), Texas A&M University.
 9/2014 – 12/2017 **Research Engineer (joint appointment)**, Texas A&M Transportation Institute, Environment and Planning Program.
 1/2014 – 5/2014 **Acting PhD Program Coordinator** (Urban and Regional Science).
 9/2009 – 8/2014 **Associate Professor** (with tenure),
 9/2009 – 12/2009 **Acting MLA Program Coordinator**,
 9/2003 – 8/2009 **Assistant Professor**,
 9/2001 – 8/2003 **Visiting Assistant Professor**,
 9/2000 – 8/2000 **Assistant Lecturer**,

- 9/1999 – 8/2000 **Teaching Assistant**,
Texas A&M University, Department of Landscape Architecture and
Urban Planning.
- 2017 **Research Engineer**,
- 1/2010 – 12/2016 **Associate Research Engineer**,
- 1/2003 – 12/2010 **Assistant Research Engineer**,
- 9/2003 – 12/2003 **Acting Program Manager**,
- 9/2002 – 12/2002 **Assistant Research Scientist**,
- 9/2001 – 8/2002 **Associate Transportation Researcher**,
- 9/2000 – 8/2001 **Assistant Transportation Researcher**,
- 9/1996 – 8/2000 **Research Assistant**,
Texas A&M Transportation Institute, Environmental Management Program.
- 9/1995 – 8/1996 **Research Assistant**, Texas A&M University, Department of Landscape
Architecture and Urban Planning.
- 1/1994 – 8/1995 **Research Assistant**, The University of Texas at Austin, Department of
Civil Engineering.
- 6/1992 – 7/1993 **Research Assistant**, National Taiwan University, Hydrotech Research Institute.
- 1990 – 1992 **Second Lieutenant**, Taiwan Army Engineers.

AWARDS AND HONORS

- 2019 **Fellow**, American Society of Landscape Architects.
- 2019 Select participant for the inaugural CANR Leadership Development Program,
Michigan State University.
- 2017 **Fellow**, Council of Educators in Landscape Architecture.
- 2016–17 **“25 Most Admired Educators”** by the Design Futures Council (in
DesignIntelligence Quarterly).
- 2015 **Distinguished Achievement Award** (in teaching, College Level), Association of Former
Students, Texas A&M University.
- 2015 **The President’s Award** (for exceptional service to CELA), the Council of Educators in
Landscape Architecture.
- 2015 **The Outstanding Instructor**, elected by the Student Advisory Council in the
Department of Landscape Architecture and Urban Planning, Texas A&M University.
- 2013 **Service-learning Fellow**, Center for Teaching Excellence, Texas A&M University.
- 2012 **Research Fellow** for Case Study Investigation Program, Landscape
Architecture Foundation.
- 2012 **Outstanding Communications Award**, the Council of Educators in
Landscape Architecture.
- 2010 **Student Led Awards for Teaching Excellence**, Texas A&M University System.
- 2009 Biography in 63rd Edition of **Who’s Who in America**.
- 2007 **Graduate Faculty Teaching Award**, College of Architecture, Texas A&M University. For
graduate teaching that received the highest score in teaching evaluation.
- 2006–2007 **The Montague Scholar** (Teaching Award), Center for Teaching Excellence, Texas
A&M University. Selected by the Center for Teaching Excellence as the 2006-2007
tenure-track faculty for the College of Architecture who have shown ability and
interest in teaching.
- 2002 **First Place** in Physical Sciences IV, Student Research Week 2002, Texas
A&M University. **Research title:** “Refrigerating Woody Cuttings Helps Extend
Plant Dormancy.”

- 2001 & 2000 **Ph.D. Scholar Award** (Two times), Department of Landscape Architecture and Urban Planning, Texas A&M University. For outstanding scholarly achievements, while enrolled in the PhD program in Urban and Regional Science.
- 2000 **Fellow**, Graduate Teaching Academy, Texas A&M University. To honor GTA members who complete the Graduate Teaching Academy Certification Program.
- 2000 **International Erosion Control Association Scholarship**. To honor and support outstanding students who contribute to the erosion control field to attend IECA annual conference and Expo.
- 2000 **The 25% Most Effective Teachers of 200 Level Courses**, Texas A&M University
Instructors who were rated in the top quartile of 200 level courses on the evaluation item: "I believe this instructor was an effective teacher."
- 1999 **First American Bank Scholarship**, Bryan/College Station, Texas. To honor Texas A&M University outstanding international students who contribute to local community.
- 1998 **Member**, Phi Kappa Phi Honor Society.
- 1997 **Gene Schrickel, '50 Endowed Scholarship in Landscape Architecture**, Texas A&M University, Endowed by Gene and Helen Schrickel.
- 1997 **Member**, Tau Sigma Delta Honor Society.
- 1996 **MLA Scholarship**, Department of Landscape Architecture and Urban Planning, Texas A&M University.
- 1996 **Member**, Sigma Lambda Alpha Honor Society.
- 1992 **Distinguished Officer**, The Army, Taiwan. For discharged officers with outstanding leadership achievement in specialized fields.
- 1987~1990 **The Book Coupon Awards** (Four Times), National Taiwan University, Taipei, Taiwan.

PROFESSIONAL EXPERIENCE

- 2015 – 2017 **Chief Consultant**, [DEEP Design Group, LLC](#).
- 2003 – 2014 **Founding Principal**, HHL, LLC. (A Houston-based planning and design firm focusing on China projects).
- 2005 – 2006 **Reviewer**. For Professional Publications, Inc. Review technical materials to be published in a book for Landscape Architecture Registration Examination.
- 1999 – 2012 **Consultant**. For Texas Department of Transportation:
- *Bioretention BMP for Highway Application*, Bryan, TX (2010–2012). Project design and monitoring of a field bioretention cell on Texas highway roadside in Bryan.
 - *Cottonwood Creek/Goode Road Project*, Hutchins, TX (1999–2001). Project designer of streambank stabilization using two soil bioengineering techniques: vegetated geogrids and dormant post planting. Developed design details, specifications and monitoring strategies. Estimated project cost. Documented and monitored the post-project condition.
 - *Bollinger Creek/Steven S. Austin State Park Project*, Sealy, TX (1999–2000). Project designer of streambank stabilization using one soil bioengineering technique: Vegetated geogrids. Developed design details, specifications and monitoring strategies. Estimated project cost.
 - *Nolan Creek/Belton City Park Project*, Belton, TX (2000). Project designer of streambank stabilization using two soil bioengineering techniques: Brushmattress and joint planting. Developed design details, specifications and monitoring strategies. Estimated project cost.
 - *Little Walnut Creek and Boggy Creek Projects*, Austin, TX (2000). Project designer of streambank stabilization using two soil bioengineering techniques: Live cribwall and branchpacking. Developed design details, specifications and monitoring strategies. Estimated project cost.

Others:

- *Changsha Yuelu New District Government Building Complex*, Hunan, China (2003).
- *Dalian Environmental Protection Research and Development Park Project*, Dalian, China (2001 & 2002). Multimedia presentation editor and producer. Edited, revised and produced a 10-minute film documenting design idea, site analysis, design proposal and 3D simulation. *Project director*: Chang-Shan Huang.
- *Hongfu International Retirement Model Community Project*, Dalian, China (2000). Multimedia presentation editor and producer. Interviewed Dr. Roger Ulrich and Professor George Mann in the subject of healthy community design and retirement housing design. Product includes a 20-minute film documenting design idea, site analysis, design proposal and 3D simulation. *Project director*: Chang-Shan Huang.

1990 – 1992 **Second Lieutenant**, Taiwan Army Engineers.

- *Construction of Military Dormitory Building*, Tofen, Taiwan (1992). Construction Manager. Management of construction process. Documentation of construction procedure.
- *Construction of Control Building for Shooting Range*, Tofen, Taiwan (1991). Construction Manager. Management of construction process. Documentation of construction procedure.
- *Renovation of Military Barracks Project*, Hsinchu, Taiwan (1990). Army Engineer. Assignment of daily construction tasks to the company sergeants and soldiers, including demolition of old structures, transport of construction materials and construction of sanitary systems.

AFFILIATIONS

2018 – present	Affiliated Faculty , Environmental Science & Policy Program, Michigan State University.
2014 – present	Fellow , Center for Health Systems and Design, College of Architecture, Texas A&M University.
2012 – 2017	Fellow , Center for Housing and Urban Development, College of Architecture, Texas A&M University.
2012 – 2017	Faculty Affiliate , Institute for Sustainable Communities, Texas A&M University – Galveston.
2000	Fellow , Graduate Teaching Academy, Texas A&M University (2000). Participated in the teaching mentor program organized by the Graduate Teaching Academy (GTA) to be certified as a teaching Fellow of GTA. Attended teaching seminars and teaching portfolio workshops. Teaching portfolio is available upon request. Mentor : Chang-Shan Huang.

RESEARCH & PROJECTS

External Competitive Research Funds and Contracts

(% in brackets indicates my share in budget).

- 2015 – 2017 (Researcher) Soil and Erosion Control Laboratory of Texas A&M Transportation Institute, funded by TxDOT \$325,000 (Project No. 191860) (2%).
- 2012 – 2013 (PI) Developing the Hydraulics, Sedimentation and Erosion Control Laboratory to Become A Hands-on Training and Educational Center. Southwest Region University Transportation Center. With Galen Newman, Jett McFalls and Beverly Storey, \$45,000 (100%).
- 2012 (PI) Case Study Investigation for Landscape Performance. Landscape Architecture Foundation. With (co-PI) Bruce Dvorak, and Yi Luo, \$6,720 (93%).
- 2011 – 2012 (Co-PI) Evaluation of Generic and Branded Herbicides. Texas Department of Transportation. With (PI) Jett McFalls (Texas Transportation Institute). \$130,000 (8%).
- 2010 – 2013 (Co-PI) Preparing for EPA Effluent Limitation Guidelines. Texas Department of Transportation. With (PI) Jett McFalls (Texas Transportation Institute), Michael Barrett (The University of Texas at Austin) and Ted Cleveland (Texas Tech University). \$736,293 (17%).
- 2009 – 2011 (Co-PI) Establish Effective Lower Bounds of Watershed Slope for Traditional Hydrologic Methods. Texas Department of Transportation. With (PI) Ted Cleveland (Texas Tech University) and Will Asquith (USGS). \$464,600 (26%).
- 2007 – 2012 (PI) Bioretention for Stormwater Quality Improvement in Texas. Texas Department of Transportation. With Mike Teal (Texas Transportation Institute) and Kung-Hui Chu (TAMU). \$564,364 (70%).
- 2008 – 2009 (Researcher) Stormwater Treatment with Vegetated Buffer, National Cooperative Highway Research Board Project 25-25, Task 53. With (PI) Beverly Storey, Jett McFalls and Cambridge Systematics, Inc. \$50,000 (5%).
- 2008 – 2009 (Co-PI) Using SWAT to Compare Planning Methods for Neighborhoods: Case Study of Stormwater in The Woodlands, Texas. With Bo Yang (PI) and Chang-Shan Huang. Funded through US Geological Survey 104B program, Grant number 2008TX310B. \$5,000.
- 2007 – 2009 (Co-PI) Water Retention Techniques for Roadside Vegetation Establishment in Arid Regions of Texas. Texas Department of Transportation. With Jim Schutt (PI, Texas Transportation Institute), Jim Rogers (WTAMU) and Clay Robinson (WTAMU). \$183,000 (3%).
- 2007 – 2009 (Co-PI) Roadside Sediment Control Device Evaluation Program. Texas Department of Transportation. With Jett McFalls (PI, Texas Transportation Institute). \$270,000 (5%).
- 2006 – 2010 (Co-PI) Synthesis and Study of the Establishment and Management of Roadside Vegetation. Texas Department of Transportation. With Jim Schutt (PI) and Jett McFalls (Texas Transportation Institute). \$510,000 (5%).
- 2006 – 2007 (Researcher) Developing Sustainable Transportation Performance Measures for TxDOT's Strategic Plan. Texas Department of Transportation. With Josias Zietsman (PI) and others (Texas Transportation Institute). \$138,000 (9%).
- 2005 – 2006 (Co-PI) Develop Guidance for Selecting and Cost-Effective Application of Temporary Erosion Control Methods. Texas Department of Transportation. With, Jett McFalls (PI) and Harlow Landphair (Texas Transportation Institute). \$72,695 (50%).

- 2004 – 2005 (Researcher) SDDOT Water Quality Enhancement Program for Construction. South Dakota Department of Transportation. With Harlow Landphair (PI), Beverly Storey and Jett McFalls (Texas Transportation Institute). \$98,000 (10%).
- 2004 – 2007 (PI) Successional Establishment, Mowing Response, and Erosion Control Characteristics of Roadside Vegetation. Texas Department of Transportation. With Jett McFalls (Co-PI), Jim Schutt and Harlow Landphair (Texas Transportation Institute). \$291,000 (30%).
- 2004 – 2006 (Co-PI) Comparison of Alternative Seed Mixes to Standard TxDOT Specifications. Texas Department of Transportation. With Jett McFalls (PI) (Texas Transportation Institute) and Jim Schutt (Texas Transportation Institute). \$125,000 (30%).
- 2003 – 2007 (PI) Non-Proprietary, Small Footprint Stormwater Quality Structures for Urban Areas. Texas Department of Transportation. With Harlow Landphair (Co-PI) (Texas Transportation Institute) and Francisco Olivera (Texas A&M University). \$296,000 (30%).
- 2003 – 2005 (Researcher) GIS Static Storm Model Development. Texas Department of Transportation. With Francisco Olivera (PI) (Texas A&M University). \$168,000 (10%).
- 2003 – 2005 (Co-PI) Stormwater Quality Documentation of Roadside Shoulders and Borrow Ditches. Texas Department of Transportation. With Harlow Landphair (Co-PI) (Texas Transportation Institute) and Francisco Olivera (Texas A&M University). \$149,000 (30%).
- 2002 – 2004 (Co-PI) Identify Appropriate Size Limitation for Hydrologic Methods. Texas Department of Transportation. With David Thompson (PI) (Texas Tech University), Tony Cahill (Texas A&M University). \$136,600 (5%).
- 2002 – 2004 (Co-PI) Characteristics of Compost Filter Berms. Texas Commission on Environmental Quality and Texas Department of Transportation. With Beverly Storey (PI) (Texas Transportation Institute), Tim Kramer (Texas A&M University). \$107,500 (50%).
- 2001 – 2003 (Co-PI) Estimating Travel Time of Direct Runoff in Areas of Very Flat Terrain. Texas Department of Transportation. With Tony Cahill (PI) (Texas A&M University). \$152,000 (50%).

Internal Competitive Funds

- 2018 (PI) Partnering with the National Chung Hsing University to Help Developing Countries in Southeast Asia Solve Food, Energy, Transportation and Water Problems. With Peilei Fan, Jun-Hyun Kim, Gretchen Neisler and Teresa Qu, Center for Advanced Study of International Development, Michigan State University. \$10,000.
- 2015 – 2018 Aggie B.L.U.E.print Laboratories. Tier One Program (TOP) interdisciplinary education grant, Texas A&M University. With (PI) Galen Newman, Jun-Hyun Kim, Michael Arnold and Kung-Hui Chu. \$300,000.
- 2015 – 2016 Aggie B.L.U.E.print Center, Aggie Green Fund, Texas A&M University. With (PI) Galen Newman, and Jun-Hyun Kim \$61,500.
- 2013 – 2015 (Co-PI) Bridging Hydrology, Governance, Culture and Scarcity for Effective Rio Grande Water Management: An Interdisciplinary Experiential Learning and Research, Tier One Program (TOP) interdisciplinary education grant, Texas A&M University. With (PI) Ron Kaiser, Rick Giardino, Patricia Smith, Ralph Wurbs and Kevin Gamache. \$139,250.
- 2012 – 2013 Real Projects: An Interdisciplinary Proposal for High Impact Learning through Service to the Community. College of Architecture, Texas A&M University. With (PI) Mark Clayton, Joshua Bienko, Ben Bigelow, Geoffrey Booth, Bruce Dvorak, Julian Kang, Zofia Rybkowski, and Jose Solis. \$25,000.

- 2008 (PI) Request of Funding for Purchasing SMART Board/TV Set. Instructional Enhancement/Equipment Fee Fund, College of Architecture, Texas A&M University. \$13,000.
- 2006 (PI) Purchase of Tablet PCs to Improve both Student Access and Studio Educational Technology. Computer Access/Instructional Technology Fee (CA/ITF) Funds, Texas A&M University. With Chris Ellis (Texas A&M University). \$48,000 (50%).

Publications (* denotes past or present student)

Edited Proceedings

- Li, M.-H.** (Co-editor), 2016. *Landscape Research Record, No.3*, Design Implementation Track, Council of Educators in Landscape Architecture, pp. 112. ISSN 2471-8335.
- Li, M.-H.** (Editor-in-Chief), 2014. *Landscape Research Record, No.2*, Council of Educators in Landscape Architecture, pp. 222. ISBN 978-0-9853013-4-7.
- Li, M.-H.** (Editor), 2014. *Landscape, City and Community: Conference Proceedings*, Council of Educators in Landscape Architecture, Baltimore, Maryland, March 26-29, 2014, pp. 354. ISBN 978-0-985-3013-3-0.
- Li, M.-H.** (Editor-in-Chief), 2013. *Landscape Research Record, No.1*, Council of Educators in Landscape Architecture, pp. 423. ISBN 978-0-9853013-2-3.
- Li, M.-H.** (Editor), 2013. *Space • Time / Place • Duration: Conference Proceedings*, Council of Educators in Landscape Architecture, Austin, Texas, March 27-30, 2013, pp. 361. ISBN 978-0-985-3013-1-6.

Peer-Reviewed Journal Articles

- (under review) Park, J., Kim, J.-H., Sohn, W.*, **Li, M.-H.**, 2020. Cooling ranges for urban heat mitigation: continuous cooling effects along the edges of small greenspaces. *Landscape and Ecological Engineering*.
- (accepted with revision) Wang, R.*, Kim, J.-H., **Li, M.-H.**, 2020. Predicting stream water quality under different urban development patterns scenarios with a machine learning approach. *Science of the Total Environment*.
- (accepted) Sohn, W.M.*, Brody, S., Kim, J.-H., **Li, M.-H.**, 2020. How effective are drainage systems in mitigating flood losses? *Cities*.
- (in press) Sohn, W.M.*, Kim, H.W., Kim, J.H., **Li, M.-H.**, 2020. The capitalized amenity of green infrastructure in single-family housing values: an application of the spatial hedonic pricing method. *Urban Forestry and Urban Greening* 49.
- (in press) Sohn, W.*, Kim, J.-H., **Li, M.-H.**, Brown, R.D., Jaber, F.H., 2020. How does increasing impervious surfaces affect urban flooding in response to climate variability? *Ecological Indicators* 118.
- Zhao, T., Zhao, Y., **Li, M.-H.**, 2019. Landscape performance for coordinated development of rural communities & small-towns based on “Ecological Priority and All-Area Integrated Development”: six case studies in East China’s Zhejiang Province. *Sustainability* 11, 4096. DOI:10.3390/su11154096.
- Wang, R.*, **Li, M.-H.**, Zhang, X.*, 2019. Predicting bioretention pollutant removal efficiency with design features: a data-driven approach. *Journal of Environmental Management*. 242, 403-414. DOI: 10.1016/j.jenvman.2019.04.064.
- Sohn, W.M.*, Kim, J.H., **Li, M.-H.**, Brown, R.D., 2019. The influence of climate on the effectiveness of low impact development: a systematic review. *Journal of Environmental Management*. 236, 365-379. DOI: 10.1016/j.jenvman.2018.11.041.

- Li, X., Fang, X., Gong, Y., Li, J., Wang, J., Chen, G., **Li, M.-H.**, 2018. Evaluating the road-bioretention strip system from a hydraulic perspective – case studies. *Water* 10, 1778. DOI: 10.3390/w10121778.
- Sohn, W.M.*, Kim, J.H., **Li, M.-H.**, 2017. Low impact development for impervious surface connectivity mitigation: Assessment of directly connected impervious areas. *Journal of Environmental Planning and Management* 60(10), 1871-1889. DOI: 10.1080/09640568.2016.1264929.
- Kim, H.W.*, **Li, M.-H.**, 2017. Managing stormwater for urban sustainability: an evaluation of local comprehensive plans in the Chesapeake Bay watershed region. *Journal of Environmental Planning and Management* 60(10), 1702-1725. DOI: 10.1080/09640568.2016.1251399.
- Li, M.-H.**, Cranshaw, N., Davis, B., Douglas, K., Hewitt, R., Pritchard, K., 2017. Recent transition of several landscape architecture undergraduate programs from five to four years in the United States. *Landscape Architecture Journal (风景园林)* 03, 115-122, Beijing Forestry University, Beijing, China, ISSN 1673-1530 (in English and Chinese). DOI : 10.14085/j.fjyl.2017.03.0115.08.
- Kim, H.W.*, **Li, M.H.**, Kim, J.H., Jaber, F., 2016. Examining the impact of suburbanization on surface runoff using the SWAT. *International Journal of Environmental Research* 10(3), 379-390.
- Kim, H.W.*, **Li, M.-H.**, 2016. Sustainable stormwater management: examining the role of local planning capacity in mitigating peak surface runoff. *Sustainability* 8(9), 763. DOI: 10.3390/su8090763.
- Lai, C.H., Lin, S.H., Chen, S.H., Sung, Y., **Li, M.H.**, 2016. Seed pretreatment and plant location selection of Roxburgh sumac (*Rhus javanic* L. var. *roxburghiana* DC.) for landslide area revegetation. *Taiwan Water Conservancy* 64(2), 17-28. ISSN: 0492-1505.
- Wang, Z.-F., **Li, M.-H.**, 2016. How to frame design research paradigm of landscape architecture? *Chinese Landscape Architecture (中国园林)* 32(4), 10-15. (in Chinese).
- Luo, Y.* , **Li, M.-H.**, 2016. Building sponge city: examples of landscape architecture curriculum on stormwater management in the United States. *Landscape Architecture Frontiers* 4(2), 62-77.
- Kil, S.-H., Lee, D.K., **Li, M.-H.**, Kim, J.-H., Newman, G., 2016. Utilizing the analytic hierarchy process to establish weighted values for evaluating the stability of slope revegetation based on hydroseeding measures in South Korea. *Sustainability* 8(1), 58. DOI: 10.3390/su8010058.
- Li, M.-H.**, Yi, L.* , 2015. Sponge city: overview of the 2015 International Low Impact Development Conference. *South Architecture* 2015.3, 8-13. (in English and Chinese) DOI: 10.3969/j.issn.1000-0232.2015.03.008.
- Kim, H.-W.*, **Li, M.-H.**, Kim, H., Lee, H.K.* , 2016. Cost-benefit analysis and equitable cost allocation for a residential rainwater harvesting system in the City of Austin, Texas. *International Journal of Water Resources Development* 32(5), 749-764. DOI: 10.1080/07900627.2015.1073142.
- Yang, B.* , **Li, M.-H.**, Huang, C., 2015. Ian McHarg's ecological planning in The Woodlands, Texas: lessons learned after four decades. *Landscape Research* 40(7), 773-794. DOI: 10.1080/01426397.2014.987223.
- Yu, K., Jiang, Q.* , Wang, Z., **Li, M.-H.**, 2015. The research progress and prospect of bei tang landscape (陂塘景观研究进展与评述). *Areal Research and Development (地域研究与开发)* 34 (3), 130-136. (in Chinese) ISSN: 2333-9721.
- Kim, Y.-J., Kim, J.-H., **Li, M.-H.**, 2015. Web-enhanced teaching and learning vehicle preference in landscape architecture construction studio courses. *Journal of e-Learning and Higher Education* Vol. 2015. DOI: 10.5171/2015.511323.
- Luo, Y.* , **Li, M.-H.**, 2015. Landscape performance of built projects: comparing Landscape Architecture Foundation's published metrics and methods. *Landscape Architecture Journal, (风景园林)*, Beijing Forestry University, Beijing, China, ISSN 1673-1530 (in English and Chinese), 52-69. DOI: 10.14085/j.fjyl.2015.01.0050.18.

- Dai, D.-X., Li, M.-H., 2015. Research development of landscape performance assessment in America. *Landscape Architecture Journal (风景园林)*, (China), Beijing Forestry University, Beijing, China, ISSN 1673-1530 (in Chinese), 25-31. DOI: 10.14085/j.fjyl.2015.01.0023.07.
- Newman, G., Sohn, W.M.*, Li, M.-H., 2014. Performance evaluation of low impact development: groundwater infiltration in a drought prone landscape in Conroe, Texas. *Landscape Architecture Frontiers* 2(4), 122-133. DOI: 10.1007/slaf-0204-0122.
- Li, M.-H., 2014. Evaluating erosion control performance of crimped straw mulch in comparison with RECPs on simulated highway roadsides. *International Journal of Geotechnical Engineering* 8(3), 307-314. DOI: [10.1179/1939787913Y.0000000036](https://doi.org/10.1179/1939787913Y.0000000036).
- Li, M.-H., Swapp, M.*, Kim, M.H.*, Chu, K.-H., Sung, C.Y.*, 2014. Comparing bioretention designs with and without an internal water storage layer for highway runoff. *Water Environment Research* 86(5), 387-397.
- Luo, Y.*, Li, M.-H., 2014. Do social, economic and environmental benefits always complement each other? A study of landscape performance. *Landscape Architecture Frontiers* 2(1), 42-56. ISSN 2095-5405.
- Manoj, K.C., Fang, X., Yi, Y.-J.*, Li, M.-H., Thompson, D.B., Cleveland, T.G., 2014. Improved time of concentration estimation on overland flow surfaces including low-sloped planes. *Journal of Hydrologic Engineering* 19 (3), 495-508. DOI: 10.1061/(ASCE)HE.1943-5584.0000830.
- Jiang, Q., Wang, W., Li, M.-H., 2014. The impacts of impermeable surface on urban waters and the mitigation strategies (不透水地表对城市水环境的负面影响及缓解措施). *Urban Problems (城市问题)* 11, 50-55. ISSN 1002-2013. DOI: 10.13239/j.bjsshkxy.cswt.141109.
- Yang, B.*, Li, M.-H., Li, S., 2013. Design-with-nature for multifunctional landscapes: environmental benefits and social barriers in community development. *International Journal of Environmental Research and Public Health* 10, 5433-5458. DOI: 10.3390/ijerph10115433. (Impact Factor=1.998).
- Li, M.-H., McFalls, J., Yi, Y.-J.*, 2013. Comparing erosion control products' performance results from field and large-scale laboratory testing. *Indian Geotechnical Journal* 43(4), 382-387. DOI: 10.1007/s40098-013-0058-2.
- Li, M.-H., Dvorak, B., Luo, Y.*, Baumgarten, M., 2013. Landscape performance: quantified benefits and lessons learned from a treatment wetland system and naturalized landscapes. *Landscape Architecture Frontiers* 1 (4), 56-68. ISSN 2095-5405.
- Sung, C.Y.*, Yi, Y.J.*, Li, M.-H., 2013. Impervious surface regulation and urban sprawl as its unintended consequence. *Land Use Policy* 32, 317-323.
- Li, M.-H., Sung, C.Y.*, Kim, M.H.*, Chu, K.-H., 2012. Performance of bioretention system in treating urban highway runoff: a comparison study of designs with and without an internal water storage layer. *Landscape Architecture Journal (风景园林)*, Beijing Forestry University, Beijing, China, ISSN 1673-1530 (in English and Chinese), 140-147.
- Kim, M.H.*, Sung, C.Y.*, Li, M.-H., Chu, K.-H., 2012. Bioretention for stormwater quality improvement in Texas: removal effectiveness of *Escherichia coli*. *Separation and Purification Technology* 84, 120-124.
- Sung, C.Y.*, Li, M.-H., 2012. Considering plant phenology for improving the accuracy of urban impervious surface mapping in subtropical climate regions. *International Journal of Remote Sensing* 33 (1), 261-275.
- Li, M.-H., Sung, C.Y.*, Kim, M.*, Chu, K.-H., 2011. Assessing performance of bioretention boxes in hot and semi-arid regions: a highway application pilot study. *Transportation Research Record: Journal of the Transportation Research Board* 2262, 155-163.
- Sung, C.Y.*, Li, M.-H., Rogers, G.O., Volder, A., Wang, Z., 2011. Investigating alien plant invasion in urban riparian forests in a hot and semi-arid region. *Landscape and Urban Planning* 100, 278-286.

- Yang, B.*, Li, M.-H., 2011. Assessing planning approaches by watershed streamflow modeling: case study of The Woodlands, Texas. *Landscape and Urban Planning* 99, 9-22.
- McFalls, J., Raut Desai, A.*, Foster, D., Li, M.-H., 2010. Proposed test protocol for evaluating the performance of sediment control devices for roadside stormwater runoff. *Transportation Research Record: Journal of the Transportation Research Board* 2170, 74-83.
- Sung, C.Y.*, Li, M.-H., 2010. The effect of urbanization on stream hydrology in hillslope watersheds in central Texas. *Hydrological Processes* 24, 3706-3717.
- Yang, B.*, Li, M.-H., 2010. Ecological engineering in a new town development: drainage design in The Woodlands, Texas. *Ecological Engineering* 36 (12), 1639-1650.
- Li, M.-H., Yi, Y.-J.*, McFalls, J., 2009. Lifetime cost and performance of slope erosion control products for construction. *Geosynthetics International* 16 (3), 139-146.
- Lee, J.S.*, Li, M.-H., 2009. The impact of detention basin design on residential property value: case studies using GIS in the hedonic price modeling. *Landscape and Urban Planning* 89 (1-2), 7-16.
- Li, M.-H., Chibber, P.*, 2008. Overland flow time of concentration on very flat terrains. *Transportation Research Record: Journal of the Transportation Research Board* 2060, 133-140.
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- Li, M.-H., 2000. Design Concept 2: amphitheater and park design for the City of Somerville. In: D.L. Pugh (Ed.). State of the City, Somerville, Texas: We're Right on Track! Texas Target City Program, Department of Landscape Architecture and Urban Planning, Texas A&M University, pp. 2.1-2.9.
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Journal Article

Li, M.-H., 2012. Mimic nature to manage stormwater. *Landscape Architecture Journal* (风景园林), Beijing Forestry University, Beijing, China, ISSN 1673-1530 (in English and Chinese), 138-139.

Paper in Conference Proceedings

- Tao, Z., Newman, G., Arnold, M., Li, M.-H., Kim, J.-H., 2019. The living green infrastructure lab: advancing interdisciplinary teaching and experiential learning in landscape architecture pedagogy. *Conference Proceedings*, the Council of Educators in Landscape Architecture annual meeting in Sacramento, CA, 122-132.
- Arnold, M.A., Newman, G.D., Li, M.-H., Kim, J.-H., Chu, K.-H., 2018. Academic and economic benefits accrued from integration of nursery production and propagation learning experiences within a multidisciplinary LID landscape project. *Proceedings of the Southern Nursery Association Research Conference*. 7-11.
- Li, M.-H., Qu, T., Petersenn, T., 2016. A digital storytelling: effectiveness of study abroad experiential learning. Dilemma: Debate, CELA 2016, the Council of Educators in Landscape Architecture annual meeting in Salt Lake City, UT, 400-407.
- Li, M.-H., Dvorak, B., Luo, Y.*, Baumgarten, M., 2013. Cross Creek Ranch master planned community: landscape performance and lessons learned. Paper No. 13-59. Austin, Texas: Council of Educators in Landscape Architecture, 533-543.
- Luo, Y.*, Li, M.-H., 2013. Do social, economic and environmental benefits always complement each other? A study of landscape performance. Paper No. 13-61. Austin, Texas: Council of Educators in Landscape Architecture, 566-577.
- Kim, Y.-J.*, Kim, J.-H., Li, M.-H., 2013. Web-enhanced teaching in landscape architecture construction studios. Paper No. 13-12. Austin, Texas: Council of Educators in Landscape Architecture, 92-100.
- Li, M.-H., Sung, C.Y.*, Kim, M.H.*, Chu, K.-H., 2012. Comparing performance of bioretention boxes with and without an internal water storage layer: a study for highway application. 91st Annual Meeting of the Transportation Research Board, National Academies, Washington, D.C.
- Li, M.-H., Sung, C.Y.*, Kim, M.H.*, Chu, K.-H., 2011. Assessing performance of bioretention boxes in hot and semi-arid regions: a highway application pilot study. 90th Annual Meeting of the Transportation Research Board, National Academies, Washington, D.C.
- Li, M.-H., McFalls, J., 2010. Stabilizing stream bridge crossings with soil bioengineering techniques: A Texas Department of Transportation demonstration project. Compendium of Papers DVD, 89th Annual Meeting of the Transportation Research Board, National Academies, Washington, D.C.
- McFalls, J., Raut Desai, A.*, Foster, D., Li, M.-H., 2010. Proposed test protocol for evaluating the performance of sediment control devices for roadside stormwater runoff. Compendium of Papers DVD, 89th Annual Meeting of the Transportation Research Board, National Academies, Washington, D.C.
- Li, M.-H., Chibber, P.*, 2008. Overland flow time of concentration on very flat terrains. Compendium of Papers DVD, 87th Annual Meeting of the Transportation Research Board, National Academies, Washington, D.C.
- Li, M.-H., Yi, Y.-J.*, McFalls, J., 2008. Lifetime cost and performance of slope erosion control products for construction. Compendium of Papers DVD, 87th Annual Meeting of the Transportation Research Board, National Academies, Washington, D.C.
- Li, M.-H., Barrett, M.E., 2007. Revisit highway pollutant buildup and removal process. Compendium of Papers CD-ROM, 86th Annual Meeting of the Transportation Research Board, National Academies, Washington, D.C.
- Li, M.-H., McFalls, J., Foster, D., Raut Desai, A.B.*, 2007. Erosion control performance of crimped straw mulch on simulated highway roadsides. Compendium of Papers CD-ROM, 86th Annual Meeting of the Transportation Research Board, National Academies, Washington, D.C.

- Storey, B., Raut Desai, A.B.*, Li, M.-H., 2007. The effects of seeding compost filter berms: a water quality and structural performance study. Compendium of Papers CD-ROM, 86th Annual Meeting of the Transportation Research Board, National Academies, Washington, D.C.
- Khanna, S.*, Li, M.-H., 2006. Aging effects of environmental factors on seven rolled erosion control products used as turf reinforcing mats. American Society of Agricultural Engineers Paper No. 062303. Portland, OR: ASABE.
- Li, M.-H., Chibber, P.*, and Cahill, A.T., 2005. Estimating time of concentration of overland flow on very flat terrains. American Society of Agricultural Engineers Paper No. 052107. Tampa, FL: ASAE.
- Li, M.-H., 2004. Learning from Streambank Failures: A streambank soil bioengineering design project in hot climate areas. American Society of Agricultural Engineers Paper No. 042229. Ottawa, Canada: ASAE.
- Li, M.-H., Landphair, H.C., McFalls, J., 2003. Comparison of field and laboratory experiment test results for erosion control products. American Society of Agricultural Engineers Paper No. 032352. Las Vegas, NV: ASAE.
- Li, M.-H., Landphair, H.C., Mullin, K., 2003. Biotechnical streambank stabilization: challenges of warm region application. Compendium of Papers CD-ROM, 82nd Annual Meeting of the Transportation Research Board, National Academies, Washington, D.C.
- Li, M.-H., Landphair, H.C., 2003. Refrigerating woody cuttings helps extend plant dormancy: a promising treatment to extend the construction period for biotechnical streambank stabilization in warm regions. American Society of Agricultural Engineers Paper No. 032128. Las Vegas, NV: ASAE.

Presentations

Invited Speeches/Workshops

- “Higher Education Reflections and Planning for Fall 2020”, hosted by Education and Practice Professional Practice Network, American Society of Landscape Architects (along with three other panelists), July 23, 2020.
- Keynote Address** for the 2017 Tau Sigma Delta new member induction ceremony of the Alpha Alpha Chapter at Texas A&M University, April 22, 2017.
- “Landscape Performance” Chao-Yang University of Technology, Taichung County, Taiwan, November 17, 2016.
- “Research in Environment and Planning Program, Texas A&M Transportation Institute” at Soil and Water Conservation Bureau, Council of Agriculture, Taiwan, November 16, 2016.
- “Use of Vegetation in Rural & Urban Infrastructure” at 2016 Third Gear Up Forum, National Chung-Hsing University, Taiwan, November 14, 2016.
- “Seminar for WMHS Water Daze” at 2016 Water Daze conference, Texas A&M University, March 30, 2016.
- (Keynote)** “Fellows Panel of Leaders” at 2016 Council of Educators in Landscape Architecture annual conference, March 26, 2016.
- “Diversity & Retaining Emerging Professionals” with APA President, LAF President, LAAB Chair and CLARB President for ASLA Board of Trustees during 2015 ASLA Conference, Chicago.
- “Low Impact Development and Green Infrastructure” workshop at Fugen Catholic University, Taiwan, September 29-October 2, 2014.
- “Low Impact Development and Green Infrastructure” workshop at Peking University, Beijing, China, August 4-10, 2014.
- “Stormwater Management with Low Impact Development Approach” Beijing Tsinghua Urban & Design Institute, Beijing, China, August 5, 2014.
- “Landscape Performance” Tongji University, Shanghai, China, July 28, 2014.

- “Low Impact Development and Green Infrastructure” workshop at Tunghai University, Taichung, Taiwan, December 17-23, 2013.
- “Landscape Performance” Taiwan Institute of Landscape Architects, December 26, 2013.
- “Landscape Performance” National Chin-Yi University of Technology, Taichung County, Taiwan, December 19, 2013.
- “Landscape Performance: Overview & Case Study Investigation” Beijing Tsinghua Urban & Design Institute, Beijing, China, June 26, 2013.
- “Stormwater Management with Low Impact Development Approach” College of Architecture and Landscape Architecture, Peking University, Beijing, China, June 24, 2013.
- “Landscape Performance: 2012 Case Study Investigation” Department of Landscape Studies, Tongji University, Shanghai, China, June 11, 2013.
- “Landscape Performance: 2012 Case Study Investigation” College of Landscape Architecture, Nanjing Forestry University, Nanjing, China, June 7, 2013.
- “Stormwater Management with Low Impact Development Approach” College of Landscape Architecture, Nanjing Forestry University, Nanjing, China, June 4, 2013.
- “Overview of highway stormwater management research” Lecture Series, Institute of Transportation Engineering, Zhejiang University, Hangzhou, China, June 13, 2011.
- “Low impact development: stormwater management with multidisciplinary approach” Lecture Series, Department of Landscape Studies, Tongji University, Shanghai, China, June 7, 2011.
- “Low impact development: stormwater management with multidisciplinary approach” Lecture Series, School of Landscape Architecture, Beijing Forestry University, Beijing, China, June 1, 2011.
- “Bioretention for hot and semi-arid climate: a TxDOT research and design case” Texas Chapter ASLA Conference in Galveston, TX, April 29, 2011.
- “Landscape architecture and stormwater management” Lecture Series, Department of Landscape Architecture, Tunghai University, Taichung, Taiwan, March 15, 2011.
- “Low impact development: integrating landscape architecture and stormwater management” Landscape Practice Conference, National Chin-Yi University of Technology, Taichung County, Taiwan, March 12, 2011.
- “Landscape architecture and stormwater management” Seminar Series, Department of Horticultural Sciences, National Taiwan University, Taipei, Taiwan, March 9, 2011.
- “Use of vegetation for urban infrastructure and stormwater management” Invited Seminar, Department of Horticultural Sciences, Texas A&M University, October 21, 2010.
- “Large scale bioretention” In “Managing Wet Weather with Green Infrastructure Workshop” sponsored by EPA Region 6 office and the City of San Antonio, February 17-18, 2009.
- “Diversity of landscape architecture: the engineering chapter.” 2008 Graduation and Final Presentation, Department of Landscape Design and Management, National Chin-Yi University of Technology, Taichung County, Taiwan on June 15, 2008. Invited by Department Chair, Dr. Ke-Tsung Han.
- “Streambank soil bioengineering: Texas design cases and design references.” 2008 Texas Chapter ASLA Conference in Fort Worth, TX, April 3-4, 2008. Invited by Texas Chapter ASLA and approved for continuing education professional hours.
- “What is good teaching?” and “Classroom communication strategies.” Teaching Assistant Training and Evaluation Program of Center of Teaching Excellence at Texas A&M University, August 23, 2006.
- “Good water, bad water: stormwater management.” Invited Seminar to LAND 681, Department of Landscape Architecture and Urban Planning, Texas A&M University, September 14, 2005.
- “Fuzzy edges between red, green and blue: hot climates in streambank soil bioengineering.” Invited Seminar, Department of Geography, Texas A&M University, February 13, 2004.
- “Virtual downtown.” 12th Science, Technology & YOUth Symposium in College Station, TX, 1998.

Conference/Meeting Presentations

(Note: Presentations listed under “Conference Proceedings are *not* re-listed here.)

“What Does Diversity Mean to Us as A Profession?” with Pat Taylor, Forster Ndubisi, Charles Klein and Jason Sowell. Texas ASLA Annual Meeting, April 29, 2016.

“Five to Four: What Difference Does a Year Make?” with Charles Klein, Sohyun Park and Yi Luo. Texas ASLA Annual Meeting, April 28, 2016.

“Imagined or Real? Landscape Performance Benefits of a Treatment Wetland System and Rooftop Garden in Texas” Texas ASLA Annual Meeting, April 23, 2015.

“Performance of a Texas Field Bioretention Cell in Treating Urban Highway Runoff: A Comparison Study of Designs with and without An Internal Water Storage Layer” 2015 International Low Impact Development Conference, Houston, January 19, 2015.

“Bioretention for Hot and Semi-arid Climates: A TxDOT Research and Design Case” Texas ASLA Annual Meeting, April 29, 2011.

“Streambank Soil Bioengineering: Texas Design Cases and Design References” Texas ASLA Annual Meeting, April 4, 2008.

“Erosion and Sediment Control BMPs on Construction Sites.” 2007 Texas Chapter ASLA Conference in Houston, TX, April 18-20, 2007.

“The Investigation of Roadside Vegetation Successional Changes: An Implication on Environmental Planning.” Presented in the ACSP Annual Meeting, Fort Worth, TX, November 9-12, 2006.

“Soil bioengineering integrated with a traditional structural stabilization measure: a demonstration project in hot climate areas.” International Erosion Control Association Annual Conference & Expo in Dallas, TX, February 20-23, 2005.

“Practice in China: Opportunities and Challenges” 2005 Texas Chapter ASLA Conference in Austin, TX, March 30 – April 2, 2005.

(Panel Moderator) “Culture sensitive design: case studies of recent practice in China.” American Society of Landscape Architects Annual Meeting in Salt Lake City, UT, October 30-November 2, 2004.

(Moderator) “Learning from streambank failures: a streambank soil bioengineering design project in hot climate areas.” American Society of Agricultural Engineers International Meeting in Ottawa, Canada, August 1-4, 2004.

“Assessing the effect of supplemental web-based learning in two landscape construction courses.” Council of Educators in Landscape Architecture annual meeting in Christchurch, New Zealand, June 24-29, 2004.

“Application of multimedia presentation in design.” with Chang-Shan Huang in Student Workshop 2003 “No Limits”, Texas A&M University, College Station, TX on February 22, 2003.

“The utilization of interactive multimedia in landscape architecture practice.” LandTech session, ASLA annual meeting in Saint Louis, MO, 2000.

“Revitalization of downtown Bryan.” to the Bryan City Council, the City of Bryan, TX, 1998.

Conference Moderator

2004 Session C2: Culture-Sensitive Design: Case Studies of Recent Practice in China, American Society of Landscape Architects, October 30.

2004 Session 216: Shoreline, Streambank and Channel Erosion, American Society of Agricultural Engineers International Meeting, August 4.

2003 Concurrent Session 6, Council of Educators in Landscape Architecture, September 26.

Poster Presentations

- “The Application of Digital Storytelling on Study Abroad Learning” with Tongbin Qu and Ture Petersenn for 2016 European Council of Landscape Architecture Schools annual meeting, Sep. 11-14.
- “Digital Storytelling: Effectiveness on Study Abroad Experiential Learning” with Tongbin Qu and Ture Petersenn for 2016 Council of Educators in Landscape Architecture annual meeting, March 23-26.
- “Aggie B.L.U.E.print Laboratories: Building Lasting University Environments – A Multi-Disciplinary Teaching Opportunity” with Galen Newman, Jun-Hyun Kim, Mike Arnold and Kung-Hui Chu for 2016 American Society for Horticultural Science annual meeting, Atlanta, GA, August 8-11.
- “Estimating time of concentration of overland flow on very flat terrains.” American Society of Agricultural Engineers International Meeting in Tampa, FL, July 17-20, 2005.
- “A technique to extend plant dormancy for biotechnical engineering in warm regions.” International Erosion Control Association annual conference & expo in Philadelphia, PA, February 16-20, 2004.
- “Refrigerating woody cuttings helps extend plant dormancy: a promising treatment to extend the construction period for biotechnical streambank stabilization in warm regions.” The National Roadside Vegetation Management Association annual conference in Spokane, WA, October 6-8, 2003.
- “A solution to extend plant dormancy for biotechnical streambank stabilization in warm regions.” Council of Educators in Landscape Architecture annual meeting in Charleston, SC, September 23-27, 2003.

TEACHING/ADVISING/MENTORING

Teaching

University Courses

- **Online LAND 101 (formerly 200) Intro. to Landscape Architectural Practices** (2012, 2013, 2014, 2015, 2016, 2017). 100% online course.
- **LAND 200 Introduction to Landscape Architectural Practices** (Fall 2011).
- **LAND 689 Special Topic in Design and Planning for Soil and Water Management** (Fall 2005, 2006 and 2012, 2013 as URSC 685). A graduate course dealing with hydrology, stormwater management and soil erosion control. Course activities include lectures, discussion, co-teaching, field trip and research term paper.
- **LAND 614 Landscape Architectural Construction** (Spring 2006, 2008, 2009, 2010, 2012, 2013, 2014, 2015, 2016). Construction document preparation, working drawings, project layout and design. Theory and principles of irrigation and lighting design. Use of WebCT Vista for course material delivery and management.
- **LAND 612 Landscape Architecture Site Development** (Fall 2003, 2004, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015). This course provides a technical background and practical exercises in the fundamental knowledge and skills of grading, earthwork, drainage, hydrology and surface hydraulics, and transportation planning and basic geometric design. In addition, construction materials are introduced.
- **LAND 420 Landscape Design V** (Fall 2001 and 2002). Studio/seminar class addressing design programming and real-world landscape architectural projects. Comprehensive research and planning application. Application of advanced information technology. Professional level of report documentation.
- **LAND 331 Landscape Construction III** (Spring 2003, 2004, 2006, 2008, 2009 and 2010). Construction document preparation, working drawings, project layout and design. Theory and principles of irrigation and lighting design. Use of WebCT for course material delivery and management.
- **LAND 330 Landscape Construction II** (Spring 2005). This course focuses on design detail development, construction sequence and construction working drawings. Details include concrete, masonry, metal, wood and plastic products.
- **LAND 329 Landscape Construction I** (Fall 2000, 2003, 2004, 2007, 2008, 2009 and 2010). This course provides a technical background and practical exercises in the fundamental knowledge and skills of grading, earthwork, drainage, hydrology and surface hydraulics, and transportation planning and basic geometric design.
- **LAND 321 Landscape Design IV** (Spring 2002, 2004 and 2005). Studio/seminar class addressing sustainable development, community development, urban design, design process and programming. All aspects of design process and technology were incorporated into assigned projects with comprehensive emphasis on human factors, natural system, grading, planting, irrigation and lighting.
- **LAND 320 Landscape Design III** (Fall 2004 and 2005). Design studio focusing on land use proposal and analysis in a watershed level and the comprehensive understanding of the natural/ecological system. Integration of GIS tool with the design studio.
- **LAND 319 Landscape Design II** (Spring 2001). Studio/seminar class addressing influences of human factors in design decision-making. Focus on landform, circulation, water, planting and building.
- **LAND 221 Landscape Design II** (Spring 2000). Studio/seminar class addressing influences of human factors in design decision-making. Focus on landform, circulation, water, planting and building. Semester teaching was rated in the top quartile of 200 level courses on the evaluation item: "I believe this instructor was an effective teacher" in Texas A&M University.

- **LAND 220 Landscape Design I** (Fall 1999). Studio course focusing on basic landscape design skills including color theory, composition, forms, textures and scales.

Mentoring and Advising

- 2010 – 2017 Mentor of junior faculty members (including Bruce Dvorak, Jun Hyun Kim, Galen Newman, Eric Bardenhagen, Wei Li and Jeremy Merrill).
- 2011 – 2017 Faculty advisor, Student Chapter of American Society of Landscape Architects, TAMU.

Professional Training Workshops/Short Courses

- 6/2019 “Low Impact Development and Green Infrastructure” workshop at National Chung Hsing University, Taichung, Taiwan.
- 6/2017 “Low Impact Development and Green Infrastructure” workshop at South China University of Technology.
- 6/2017 “Landform Grading” workshop for the Beijing Tsinghua Tongheng Design & Planning Institute.
- 4/2016 “Fundamentals of Green Infrastructure” workshop by Texas A&M Transportation Institute (with Bruce Dvorak and Beverly Storey).
- 9/2014 “Low Impact Development and Green Infrastructure” workshop at Fujen Catholic University, Taiwan.
- 8/2014 “Low Impact Development and Green Infrastructure” workshop at Peking University, Beijing, China.
- 12/2013 “Low Impact Development and Green Infrastructure” workshop at Tunghai University, Taichung, Taiwan.
- 3/2011 “Low Impact Development” workshop, Department of Landscape Studies, National Chin-Yi University of Technology, Taichung County, Taiwan.
- 2/2009 “Managing Wet Weather with Green Infrastructure” workshop sponsored by the City of San Antonio and EPA.
- 6/2008 “Soil Erosion” short course sponsored by Texas A&M University and The Geo-Institute of American Society of Civil Engineers.
- 3/2008 “Levee Overtopping and Soil Erosion” short course sponsored by The Geo-Institute of American Society of Civil Engineers.
- 6/2007 “Soil Erosion” short course sponsored by Texas A&M University and The Geo-Institute of American Society of Civil Engineers.
- 2003 – 2006 Texas Department of Transportation’s “Erosion and Sediment Control Course (ENV 102).” Teach TxDOT design engineers, environmentalists and inspectors soil erosion practice.
- 1/2005 GeoFrontiers - 2005 Short Course: “Soil Erosion – Problems, Regulations and Solutions” sponsored by American Society of Civil Engineers.

Invited Guest Lectures

- **LA 200** Introduction to Landscape Architecture, Fall 2019. Present Stormwater Management.
- **UP 400** Complete Street Design, Spring 2019 & 2020. Invited by Tongbin Qu to present Stormwater Management and Its Integration with Complete Streets.
- **LAND 101 (formerly 200) Introduction to Landscape Architectural Practice**, Consecutive yearly guest lectures since 2004.

- **LAND 310/645 Landscape Theory**. Fall 2013. Invited by the instructor Eric Bardenhagen to present Landscape Performance Overview and CSI Program on November 3, 2013.
- **LAND 681 Seminar**. Spring 2013. Invited by Instructor Changshan Huang to present MLA projects on April 11, 2013.
- **PLAN/LAND 635 Ecological Planning**. Spring 2013. Invited by Instructor Forster Ndubisi to present Landscape Performance and CSI Program on February 25, 2013.
- **“Water Without Boundaries”** at KAMU to present “Urban Stormwater Management” to TAMU and Brazilian Students on October 17, 2012.
- **ARCH 205**, Fall 2012. Invited by Dr. Mark Clayton to present “Urbanization and Stormwater” for the Real Projects Initiatives, College of Architecture, October 8, 2012.
- **SITES & Landscape Performance Series**, presented to Horticulture Club, Texas A&M on April 4, 2012.
- **WMHS 601 Applications and Problems in Hydrological Science**, Spring 2010. Invited by the instructor Dr. Rick Giordano to present urban stormwater management on October 22, 2010.
- **WMHS 601 Applications and Problems in Hydrological Science**, Spring 2009. Invited by the instructor Dr. Patti Smith to present urban stormwater management on February 10, 2009.
- **URSC 493 URSC Capstone Course**, Spring 2009. Invited by the instructor Dr. Carla Prater to present stormwater management on January 29, 2009.
- **LAND 320 Landscape Design III**, Fall 2008. Invited by the instructor Nancy Volkman to present stormwater management on November 3, 2008.
- **ARCH 458 Global Practice and Cultures**, Fall 2008. Invited by the instructor Rodney Hill for a global practice panel on October 23, 2008.
- **CVEN 455 Urban Stormwater Management**, Spring 2008. Invited by the instructor Dr. Francisco Olivera to present “Introduction to Stormwater Quality BMPs” on March 17, 2008.
- **LAND 645 Diversity Practice**, Fall 2007. Invited by Professor Jody Naderi to discuss career paths.
- **LDEV 661 Development and the Environment**, Spring 2007. Invited by the instructor Dr. Chanam Lee to present “Stormwater Management” on April 9, 2007.
- **LDEV 661 Development and the Environment**, Spring 2006. Invited by the instructor Dr. Chanam Lee to present “Stormwater Management” on April 10, 2006.
- **CVEN 455 Urban Stormwater Management**, Fall 2005. Invited by the instructor Dr. Francisco Olivera to present “(1) Introduction to Stormwater Quality BMPs, and (2) Erosion and Sediment Control BMPs” on November 14 & 18, 2005.
- **LDEV 661 Development and the Environment**, Spring 2005. Invited by the instructor Dr. Chanam Lee to present “Introduction to Stormwater and Related Issues” on April 11, 2005.
- **LAND 330 Landscape Design II**, Spring 2004. Invited by Dr. Michael Murphy to lecture “Rational Method for Sizing Detention Ponds” on March 25, 2004.
- **LAND 645 Diversity Practice**, Fall 2003. Invited by the instructor Dr. Byoung-Suk Kweon to present “Hydraulics, Sedimentation and Erosion Control Laboratory” on November 18, 2003, and December 2, 2004.
- **LAND 320 Landscape Design III**, Fall 2003. Invited by the instructors Tom Woodfin and Jody Naderi to present “Introduction to Biotechnical Streambank Stabilization” on November 5, 2003.
- **LAND 421 Landscape Design VI**, Spring 2002. Invited by the instructor Dr. Jon Rodiek to present “Biotechnical Engineering” to senior landscape architectural students.
- **LAND 645 Diversity Practice**, Fall 2000. Invited by the instructor Dr. Byoung-Suk Kweon to present “Water Quality in Landscape Architecture” to graduate students.

Graduate Committee

Student Name	Faculty Role	Degree Sought	Topic/Title	Graduation Date
Nicholas Russo	Member	Ph.D. in WMHS	Soil Media Performance in Bioretention	TBD
Runzi Wang	Chair	Ph.D., Michigan State University	Watershed Hydrologically Sensitive Area	2020
Won Min Sohn	Chair	Ph.D.	Directly Connected Impermeable Area	2019
Kayode Atoba	Member	Ph.D.	Structural Flood Mitigation by Fill	2018
Gopika Nair	Co-chair	MUP	TAMU Campus Commute Assessment	2017
Meredith Clark	Member	March	Architecture	2017
Tara Ramani	Chair	Ph.D.	Sustainable transportation	2017
Nicholas Wester	Chair	MLA	Sustainable Communities	2016
Chenqu Fu	Chair	MLA	Community Gardens	2016
Hyun Woo Kim	Chair	Ph.D.	Comprehensive Plan Evaluation for Sustainable Stormwater Management	2015
Hyekyung Lee	Member	Ph.D.	Spatial assessment of green infrastructure	2015
Corrin Breeding	Member	MLPD	MLPD Learning ePortfolio	2015
Wanyuzi Wang	Member	MArch	Healthcare Residential Facility for Elderly Veterans	2015
Won Min Sohn	Co-chair	MLA	Research of LID Application	2015
Yue Yao	Member	MLA	Cypress Creek Trail System	2015
Yi Luo	Chair	Ph.D.	Landscape Performance	2014
Pengzhi Li	Chair	MLA	Mueller Redevelopment Redesign	2014
Min-Cheng Tu	Member	Ph.D. in WMHS	Stormwater Quality Modeling	2014
Jiayu Chen	Member	MArch	Children Hospital	2014
Jingqiu Zhang	Member	M.S. in Civil Engineering	Bioretention performance modeling	2014
Izel Medina	Member	MUP	Sustaining Stormwater Runoff	2013
Matthew McCreary	Chair	MLA	EPA Rainworks: Hensel Student Housing Redevelopment, TAMU	2013
Cong Bian	Member	MLA	Ranch residential design	2013
Qingshu Wang	Member	MLA	AgriLife Headquarters Landscape Design	2013
Lingyan Miao	Member	MLA	Ranch residential design	2013
Pat Kultgen	Member	MUP	Perceived Risk of Siting a Wastewater Treatment Plant	2013
Mark Swapp	Chair	MLA	Green Infrastructure Plan for TAMU Campus	2012
Young-Jae Yi	Co-Chair	Ph.D.	Urban Form and auto Travel Patterns at the Regional Scale	2012
Kent Milson	Member	MUP	Comparison of Emerging Contemporary Development Models	2012
Kenon Boehm	Member	MLA	Eco, Sustainable Homestead	2011
Chan Yong Sung	Chair	Ph.D.	Ecological Planning	2010
Che-Chia Chang	Member	MLA	TTI Headquarters Design	2010
Michael Droske	Member	MLA	Sustainable Homestead Plan	2010
Matt O'Toole	Member	MLA	Bertram Masterplan	2010
Travis Scott	Member	MUP	Water Conservation Practice	2010
Jae Su Lee	Co-chair	Ph.D.	Sustainable Transportation	2009
Dongkyun Kim	Member	Ph.D. in Civil Engineering	Hydrology and GIS	2009
Bo Yang	Co-chair	Ph.D.	Eco-hydrologic Planning and Stormwater Management	2009

Student Name	Faculty Role	Degree Sought	Topic/Title	Graduation Date
Tasha Davis	Member	MLA	Wetland Creation, Cypress Creek	2009
Muzibur Rahman	Member	M.S. in Construction Science	4D Visualization	2008
Sheena Arora	Member	MLA	Urban Design	2008
Nick Biewenga	Member	MLA	Architecture Ranch Masterplan	2008
Megan Meier	Member	M.S. in WMHS	Stream Restoration	2008
Lee Wheelock	Chair	MLA	Day Springs Church Open Space Master Plan	2007
Arnes Purdy	Chair	MLA	White Creek Greenway Preservation	2007
Jennifer Trojcek	Member	MArch	Health Facility	2007
Benjamin Prais Israel Devadason	Member	M.S. in Civil Engineering	Contraction Scour in Compound Channels with Cohesive Soil Beds	2007
Bret Elder	Member	MLA	Timberland Utility District	2007
Kati Stoddard	Member	MS in WMHS	Aresnic in Drinking Water	2007
Pavitra RamMohan	Co-Chair	M.S. in Civil Engineering	Roadside Stormwater Quality Documentation	2006
Hyunjung Byun	Co-Chair	MLA	Southeast Community Park	2006
Tad French	Co-Chair	M.S. in Land Development	Natural Development: The Synergy of Ecological Principles with Residential Development	2005
Yun Zhao	Co-Chair	MLA	American Bodhi Center Master Plan	2005
Dipti Trivedi	Co-Chair	MLA	American Bodhi Center Master Plan	2005
Sumee Khanna	Co-Chair	M.S. in Civil Engineering	Aging effects of environmental factors on rolled erosion control products	2005
Shweta Gupta	Member	MLA	Providence Church Memorial Park	2005
Jui Gadade	Member	MLA	Habitat Community Design	2005
Paramjit Chibber	Member	M.S. in Civil Engineering	Overland Flow Time of Concentration on Flat Terrains	2004
John Lang-Viem Truong	Member	M.S., the viz lab program of architecture	Handling Hands	2004
Dexing Dai	Member	M.S. in Construction Science	Additional Responsibilities of Project Managers on Green Building Projects	2004

Fellow, Graduate Teaching Academy, Texas A&M University (2000). Participated in the teaching mentor program organized by the Graduate Teaching Academy (GTA) to be certified as a teaching Fellow of GTA. Attended teaching seminars and teaching portfolio workshops. Teaching portfolio is available upon request. **Mentor:** Chang-Shan Huang.

SERVICE

Committee

International/National

2020	Member , Green New Deal Superstudio advisory committee, Landscape Architecture Foundation.
2010 – present	Member , Landscape and Environmental Design Committee (AKD40, formerly AFB40), Transportation Research Board of the National Academies.
2019 – 2020	Member , <i>Landscape Journal</i> taskforce
2012 – 2019	Member , Research Committee, Landscape Architecture Foundation.
2018	Member , Executive Director Search Committee, Council of Educators in Landscape Architecture.
2016 – 2017	Past President and Member of Executive Committee , Council of Educators in Landscape Architecture.
2016	Member , Task Analysis for the Council of Landscape Architectural Registration Boards (CLARB).
2015 – 2016	President and Member of Executive Committee , Council of Educators in Landscape Architecture.
2014 – 2015	President-Elect and Member of Executive Committee , Council of Educators in Landscape Architecture.
2012 – 2014	Member of Board of Directors , Landscape Architecture Foundation.
2012 – 2014	Vice President for Research and Member of Executive Committee (elected), Council of Educators in Landscape Architecture.
2011 & 2012	Chair , Awards Committee, Council of Educators in Landscape Architecture.
2010 – 2012	2nd Vice President and Member of Executive Committee (elected), Council of Educators in Landscape Architecture.
2008 – 2012	Co-chair , Design Implementation Track, Council of Educators in Landscape Architecture.
2008 – 2012	Member , Sustainability Track, Council of Educators in Landscape Architecture.
2003 – 2010	Soil and Water Committee (SW-22), American Society of Agricultural and Biological Engineers.
2002 – 2006	Board Member (2005 – 2006), President (2004 – 2005), Secretary/President Elect (2003 – 2004), Vice President (2002 – 2003); Overseas Chinese Landscape Architects Association.
1999 & 2003	Technical Advisory Panel, Research Management Committee 3, Texas Department of Transportation.

Local Community

2011.1 – 2011.11	Member , Green College Station Advisory Committee, City of College Station, Texas.
2008.4 – 2010.12	Technical Advisor to the Green College Station Action Plan, City of College Station, Texas.

College/University

2020 – present	Member , Dean's Advisory Board on Diversity and Inclusion, College of Social Science, Michigan State University.
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2017	Member , College Promotion and Tenure Committee, College of Architecture, Texas A&M University.
2012 – 2017	Member , Executive Committee, Water Management and Hydrologic Science, Texas A&M University.
2011 – 2017	Advisor , Texas A&M University Student Chapter of American Society of Landscape Architects.
2016	Member , COSC Promotion and Tenure Committee, Department of Construction Science, TAMU.
2013 & 2014	Member , Outstanding Alumni Selection Committee, College of Architecture, Texas A&M University.
2013	Coordinator , “Real Projects Design Week,” College of Architecture, Texas A&M University.
2010	Member , Promotion and Tenure Committee, College of Architecture, Texas A&M University.
2009 – 2011	Faculty Senator , Texas A&M University.
2006 – 2011	Secondary Advisor , Texas A&M University Student Chapter of American Water Resources Association.
2007 – 2008	Member , New Dean of College of Architecture Search Committee, Texas A&M University.
2006	Member , Architecture Ranch Committee.
2006 – 2007	Member , Committee to Form a Department of Visualization.
2005 – 2010	Member , Publication Committee.

Department (LAUP, Texas A&M)

2011 – 2017	Chair , Student Advisory Council.
2011 – 2017	Faculty Advisor , student chapter of American Society of Landscape Architects.
2010 – 2017	Faculty Mentor , for Bruce Dvorak, Jun Hyun Kim, Eric Bardenhagen, Wei Li and Jeremy Merrill (junior faculty members).
2010 – 2017	Leader of LAUP Assessment.
2010 – 2017	Member , Ph.D. Advisory Committee.
2003 – 2017	MLA Admissions.
2003 – 2017	BLA/MLA Advisory Committee.
2015	BLA Program Accreditation leader.
2014	Co-chair , faculty search committee.
2015 – 2016	Chair , peer review of teaching taskforce.
2012 – 2016	Member , LAUP Promotion and Tenure Committee.
2010	Faculty Workload and Incentive Task Force.
2007 – 2012	BS-URPN Advisory Committee.
2007 – 2009	MUP Advisory Committee.
2005	LAUP Strategic Plan-Communication.
2005	LAUP Strategic Plan-Research and Scholarship.
2003 – 2004	Signature Faculty Search Committee.
2003 – 2004	MLA, MUP and MSLD Curriculum Integration Research Committee.
2003	BLA Accreditation.
2003	BLA Curriculum Review Committee.

Editorial Work

- **Editorial Board Member**, Landscape Architecture Journal (风景园林), Beijing Forestry University, Beijing, China, ISSN 1673-1530 (since 9/2014).
- **Editorial Board Member**, Journal of Architecture and Forestry (since 3/2014).
- **International Editorial**, Landscape Architecture Frontiers (since 2013).
- **Editorial Advisory Board**, The Open Urban Studies Journal (since 12/2007).
- **Book Review Editor**, Landscape and Urban Planning, Elsevier (11/2007 – 12/2010).
- **Editor/co-editor and Designer**, Perspectives, the newsletter of Texas A&M University Department of Landscape Architecture and Urban Planning (2004 – 2008).
- **Designer**, AggieLAND, the newsletter of Texas A&M University Landscape Architecture Program (2003).
- **Editor, Designer**, the official newsletter of Overseas Chinese Landscape Architects Association (OCLAA) (2002 – 2003).
- **Editor**, OCLAA web site (2002 – 2003).

Reviews for Journal Paper/Conference Abstract

- 2019 Manuscript review, *Social-Ecological Practice Research*.
Manuscript review, *Journal of Environmental Management*.
- 2018 Manuscript review, *Landscape Journal*.
- 2017 Manuscript review, *Landscape and Urban Planning*.
- 2016 Manuscript review, *Landscape and Urban Planning*.
Manuscript review, *Transportation Research Board*.
- 2015 Manuscript review, *Ecological Engineering*.
Manuscript review, *Landscape and Urban Planning*.
Manuscript review, *Landscape Research Record*.
Manuscript review, *Transportation Research Board*.
- 2014 Manuscript review, *Transportation Research Board*.
- 2013 Manuscript review, *Geosynthetics International*.
Manuscript review, *International Journal of Geotechnical Engineering*.
- 2012 Abstract review, Council of Educators in Landscape Architecture 2013 conference.
Manuscript review, *Landscape and Urban Planning*.
Manuscript review, *Transportation Research Board*.
- 2011 Abstract review, Council of Educators in Landscape Architecture 2012 conference.
Manuscript review, *Landscape and Urban Planning*.
- 2010 Abstract review, Council of Educators in Landscape Architecture 2011 conference.
Manuscript review, *Transportation Research Board*.
- 2009 Manuscript review, *The Science of the Total Environment*.
Abstract review, Council of Educators in Landscape Architecture 2010 conference.
- 2008 Manuscript review, *GeoJournal*.
Manuscript review, *Landscape Research*.
- 2007 Manuscript review, *Landscape and Urban Planning*.
Manuscript review, *CIGR (Commission Internationale du Génie Rural) Ejournal*.
- 2006 Proposal review, National Science Foundation – Geography and Regional Science program (proposal no. 0650237).
- 2005 Manuscript review, *CIGR Ejournal*.
Abstract review, 8th Interregional CIGR Conference on EnviroWater conference.
Abstract review, Council of Educators in Landscape Architecture 2006 conference.

- 2004 Manuscript review, *Landscape Review*.
Abstract review, Council of Educators in Landscape Architecture 2005 conference.
Abstract review, Council of Educators in Landscape Architecture 2004 conference.
Abstract review, International Erosion Control Association 2004 conference.
- 2003 Manuscript review, *Journal of Hydraulic Engineering*, American Society of Civil Engineers.
Abstract review, Council of Educators in Landscape Architecture 2003 conference.

Professional Membership

- **Member**, American Planning Association (Since 2018).
- **Member**, American Society of Landscape Architects (Since 2005).
- **Member**, Council of Educators in Landscape Architecture (Since 2003).
- **Member**, Association of Collegiate Schools of Planning (Since 2003).
- **Member**, American Society of Agricultural and Biological Engineers (2003 – 2008).
- **Member**, Overseas Chinese Landscape Architects Association (Since 2002).
- **Member** (2003 – 2005); **Student Member** (1999 – 2002), International Erosion Control Association.