

廖桂賢 | Liao Kuei-Hsien

Professor, Graduate Institute of Urban Planning, National Taipei University
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PART I: ACADEMIC

Current position

Professor, Graduate Institute of Urban Planning, National Taipei University. August 2022 ~

Previous academic positions

- Associate Professor, Graduate Institute of Urban Planning, National Taipei University. August 2017 ~ August 2022
- Visiting Fellow, Department of Architecture, National University of Singapore (NUS). January 2017 ~ May 2017
- Assistant Professor, School of Architecture, Chinese University of Hong Kong (CUHK). December 2013 ~ January 2017
Other academic affiliations at CUHK: Urban Studies Programme; Center for Land Resources and Housing Policy, Institute of Future Cities
- Assistant Professor, Department of Architecture, National University of Singapore (NUS). July 2012 ~ December 2013

Academic qualification

- Ph.D. in Built Environment, University of Washington (UW). 2012.
- Master of Landscape Architecture, University of Pennsylvania. 2003. Graduated with honors.
- Bachelor of Arts in Economics, National Taiwan University (NTU). 1996.

Research interests

Flood resilience; flood adaptation; ethics in flood risk management; nature-based solutions to flood risk management; blue-green infrastructure; sustainable stormwater management; ecosystem services; urban river restoration; local ecological knowledge

International recognition

- 2024 World's Top 2% Scientist <https://topresearcherslist.com/Home/Profile/854838>

Recent awards

- 2024 National Taipei University Special Outstanding Research Talent Award & National Science and Technology Council Research Award
- 2024 Outstanding Teacher Award for Industry-University Cooperation Research Project, National Taipei University
- 2023 National Taipei University Special Outstanding Research Talent Award & National Science and Technology Council Research Award
- 2022 National Taipei University Special Outstanding Research Talent Award & National Science and Technology Council Research Award
- 2022 Academic Research Award, National Taipei University
- 2021 Academic Research Award, National Taipei University
- 2021 Outstanding Teacher Award for Industry-University Cooperation, National Taipei University
- 2020 Academic Research Award, National Taipei University

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- 2019 Academic Research Award, National Taipei University
- 2018 Ministry of Science and Technology Subsidy for Recruitment of New Special Outstanding Talent

Peer-reviewed journal papers

(*corresponding author)

- Bayrak MM*, **Liao K-H**, Hsu Y-Y. 2025. Bottom-up perspectives on “climate adaptation” from “vulnerable” coastal communities: a political ecology perspective from Taiwan. *Local Environment: The International Journal of Justice and Sustainability* 30(3): 394-411. <https://doi.org/10.1080/13549839.2025.2450506> [SSCI; 5-year Impact Factor: 3.2 in 2023; Q1]
- **Liao K-H***, Chiang Y-S, Chan JKH. 2023. The levee dilemma game: A game experiment on flood management decision-making. *International Journal of Disaster Risk Reduction* 90: 103662. <https://doi.org/10.1016/j.ijdrr.2023.103662> [SCIE; 5-year Impact Factor: 4.7 in 2023; Q1]
- Uehara M, **Liao K-H***, Arai Y, Masakane Y. 2022. Could the magnitude of the 3/11 disaster have been reduced by ecological planning? A retrospective multi-hazard risk assessment through map overlay. *Landscape and Urban Planning* 227: 104541. <https://doi.org/10.1016/j.landurbplan.2022.104541> [SCIE; 5-year Impact Factor: 9.7 in 2022; Q1]
- Kuang D, **Liao K-H***. 2022. How does flood resistance affect learning from flood experiences? A study of two communities in Central China. *Climatic Change* 173: 6. <https://doi.org/10.1007/s10584-022-03401-3> [SCIE; 5-year Impact Factor: 5.3 in 2022; Q1]
- Maraguchi M*, Nishino A, Kodaka A, Allaire M, Lall U, **Liao K-H**, Onda K, Tsubouchi K, Kohtake N. 2022. Human mobility data and analysis for urban resilience: A systematic review. *Environment and Planning B: Urban Analytics and City Science* 49(5): 1507-1353. <https://doi.org/10.1177/23998083221075634> [SSCI; 5-year Impact Factor: 3.9 in 2022; Q1]
- Chan JKH*, **Liao K-H**. 2022. The normative dimensions of flood risk management: Two types of flood harm. *Journal of Flood Risk Management* 2022;e12978. <https://doi.org/10.1111/jfr3.12798> [SCIE; 5-year Impact Factor: 4.2 in 2022; Q1]
- Kuang D, **Liao K-H***. 2020. Learning from floods: linking flood experience and flood resilience. *Journal of Environmental Management* 271: 111025. <https://doi.org/10.1016/j.jenvman.2020.111025> [SCIE; 5-year Impact Factor: 6.914 in 2020; Q1]
- Qiao X-J*, **Liao K-H**, Randrup TB. 2020. Sustainable stormwater management: A qualitative case study of the Sponge Cities initiative in China. *Sustainable Cities and Society* 53: 101963. <https://doi.org/10.1016/j.scs.2019.101963> [SCIE; 5-year Impact Factor: 7.308 in 2020; Q1]
- **Liao K-H***, Chan JKH, Huang YL. 2019. Environmental justice and flood prevention: The moral cost of floodwater redistribution. *Landscape and Urban Planning* 189: 36-45. <https://doi.org/10.1016/j.landurbplan.2016.01.014>. [SCIE; 5-year Impact Factor: 7.185 in 2019; Q1]
- **Liao K-H***. 2019. The socio-ecological practice of building blue-green infrastructure in high-density cities: what does the ABC Waters in Singapore tell us? *Socio-Ecological Practice Research*. <https://doi.org/10.1007/s42532-019-00009-3>. [Scopus, GEOBASE; CiteScore: 5.8 in 2023]
- Campos BC*, **Liao K-H**, Yiu CY. 2018. The displacement risks and impacts of Hong Kong’s nonindigenous villagers: A ground theory analysis. *Urban Affairs Review*, 1-20. <https://doi.org/10.1177/1078087418766607>. [SSCI; 5-year Impact Factor: 1.871 in 2017; Q1]
- **Liao K-H***, Le AT, Nguyen KV. 2016. Urban design principles for flood resilience: Learning from the ecological wisdom of living with floods in the Vietnamese Mekong Delta. *Landscape and Urban Planning* 155: 69-78. <https://doi.org/10.1016/j.landurbplan.2016.01.014>. [SCI; 5-year Impact Factor: 5.957 in 2017; Q1]
- **Liao K-H***, Chan JKH. 2016. What is ecological wisdom and how does it relate to ecological knowledge. *Landscape and Urban Planning* 155: 111-113.

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- <https://doi.org/10.1016/j.landurbplan.2016.07.006>. [SCI; 5-year Impact Factor: 5.957 in 2017; Q1]
- Campos BC*, Yiu CY, Shen J, **Liao K-H**, Maing M. 2016. The Anticipated housing pathways to homeownership of young people in Hong Kong. *International Journal of Housing Policy* 16(2): 223-242. <https://doi.org/10.1080/14616718.2015.1130605>. [SSCI; 5-year Impact Factor: 2.8; Q1]
 - **Liao K-H***. 2014. From flood control to flood adaptation: A case study on the Lower Green River Valley and the City of Kent in King County, Washington. *Natural Hazards* 71: 723-750. <https://link.springer.com/article/10.1007/s11069-013-0923-4>. [SCI; 5-year Impact Factor: 2.276 in 2015; Q1]
 - Mugerauer R*, **Liao K-H**. 2013. Ecological design for dynamic systems: landscape architecture's conjunction with complexity theory. *Journal of Biourbanism* (2012)2: 29-49. https://journalofbiourbanism.org/wp-content/uploads/2013/09/jbu-ii-2012-2_mugerauerkuei-hsien.pdf
 - **Liao K-H***. 2012. A theory on urban resilience to floods: a basis for alternative planning practices. *Ecology and Society* 17(4): 48. <http://dx.doi.org/10.5751/ES-05231-170448>. [SCI; 5-year Impact Factor: 4.644 in 2015; Q1]

Book chapters

- **Liao K-H**. 2022. The social downside of flood control: The case of a marginalized community in Taipei. Chapter 10 (p.241-246) in Padawangi R, Rabé P, Perkasa A, editors. *River Cities in Asia: Waterways in Urban Development and History*. Amsterdam University Press, Amsterdam.
- **Liao K-H**, Lee TY. 2022. A classic case of the struggle to control a river: Is it wise to sacrifice the social and ecological functions of the river for flood safety? Chapter 28 (p.361-377) in Yang Y, Taufen A, editors. *The Routledge Handbook of Sustainable Cities and Landscapes in the Pacific Rim*. Routledge, London. <https://doi.org/10.4324/9781003033530>
- **Liao K-H**. 2019. Living with floods: ecological wisdom in the Vietnamese Mekong Delta. Pages 195-215 in Yang B, Young RF, editors. *Ecological Wisdom: Theory and Practice*. Springer Nature, Singapore. (Reprint of Liao K-H, Le AT, Nguyen KV. 2016. Urban design principles for flood resilience: Learning from the ecological wisdom of living with floods in the Vietnamese Mekong Delta. *Landscape and Urban Planning* 155: 69-78.)
- Yang B, Li S, Xiang W, Bishop I, **Liao K-H**, Liu J. 2019. Where does ecological wisdom come from? Historical and contemporary perspectives. Pages 33-56 in Yang B, Young RF, editors. *Ecological Wisdom: Theory and Practice*. Springer Nature, Singapore.
- Tan PY, **Liao K-H**, Chan J. 2018. Landscapes in urban areas. Chapter 1 (p. 16-23) in Tan PY, **Liao K-H**, Hwang YH, Chua V, editors. *Nature, Place & People: Forging Connections through Neighbourhood Landscape Design*. World Scientific Publishing Co. Pte. Ltd., Singapore.
- **Liao K-H**, Tan PY. 2018. A conceptual framework for neighbourhood landscape design. Chapter 3 (p. 58-77) in Tan PY, **Liao K-H**, Hwang YH, Chua V, editors. *Nature, Place & People: Forging Connections through Neighbourhood Landscape Design*. World Scientific Publishing Co. Pte. Ltd., Singapore.
- Hwang YH, **Liao K-H**, Guizzo AO. 2018. Neighbourhood landscape development process and design approaches. Chapter 4 (p. 80-92) in Tan PY, **Liao K-H**, Hwang YH, Chua V, editors. *Nature, Place & People: Forging Connections through Neighbourhood Landscape Design*. World Scientific Publishing Co. Pte. Ltd., Singapore.
- Tan PY, **Liao K-H**, Huang YH, Chua V, Guizzo AO, Chan J. 2018. Designing neighbourhood landscapes with landscape services. Chapter 5 (p. 94-202) in Tan PY, **Liao K-H**, Hwang YH, Chua V, editors. *Nature, Place & People: Forging Connections through Neighbourhood Landscape Design*. World Scientific Publishing Co. Pte. Ltd., Singapore.
- **Liao K-H**, Deng SN, Tan PY. 2017. Blue-green infrastructure: New frontier for sustainable urban

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stormwater management. Chapter 10 (p.203-226) in Tan PY, Jim CY, editors. *Greening Cities: Forms and Functions*. Springer Nature Singapore Pte Ltd, Singapore.

Book editing

- Tan PY, **Liao K-H**, Hwang YH, Chua V, editors. 2018. *Nature, Place & People: Forging Connections through Neighbourhood Landscape Design*. World Scientific Publishing Co. Pte. Ltd., Singapore.

Conference papers

- **Liao K-H**. 2017. The unjust redistribution of floodwater within the city: The case of Shezidao, Taipei City. *River Cities: Water Space in Urban Development and History*. Surabaya, Indonesia.
- **Liao K-H**, Chan J, Tchapi M, Tan PY. 2016. Exploring participatory design for sustainable landscape for public housing neighborhoods in Singapore. *Conference Proceedings of the 10th Conference of the Pacific Rim Community Design Network*, Hong Kong.
- **Liao K-H**. 2014. Towards resilient, floodable cities: Floodability as an alternative flood safety standard to promote river health. *DSD International Conference 2014*. Hong Kong.
[http://www.dsd.gov.hk/rdforum/2014/abstract/Paper%20\(A1-3\).pdf](http://www.dsd.gov.hk/rdforum/2014/abstract/Paper%20(A1-3).pdf)
- **Liao K-H**, Tung YH, Huang SM. 2012. Community resilience and natural hazard management. *Conference Proceedings of the 8th International Conference of the Pacific Rim Community Design Network*, Seoul, South Korea.

Research grants awarded as PI

- 2023-2026. Nature-based solutions to flood risk management for Taiwan. NTD\$3,365,000. Ministry of Science and Technology Research Project Grant, Taiwan
- 2020-2023. Location and time sensitive, data-driven disaster response systems: A study on the Taipei Main Station Special District. NTD\$3,600,000. Ministry of Science and Technology Research Project Grant, Taiwan (Belmont Forum DR³ CRA project).
- 2019-2020. Living with floods: Floodability and resilience-based flood governance. NTD\$1,223,000. Ministry of Science and Technology Research Project Grant, Taiwan.
- 2016-2019. Toward resilient, floodable city—Creating “floodable spaces” as an alternative approach to flood hazard mitigation in existing high-density urban areas. HK\$670,222. Research Grants Council General Research Fund, Hong Kong. [Withdrawn because of resignation].
- 2015-2016. Urban streams and rivers as green infrastructure in high-density Asian cities: An empirical study on Hong Kong, Taipei, and Singapore. HK\$80,000. Chinese University of Hong Kong Direct grant, Hong Kong.
- 2014-2015. Urban design for flood resilience of Asian cities: learning from local and traditional adaptation strategies. HK\$36,000. Chinese University of Hong Kong Direct grant, Hong Kong.
- 2013-2016. Towards resilient, floodable cities: design and plan with river dynamics (SGD\$90,000). Ministry of Education Academic Research Fund, Singapore. [Terminated in December 2013 because of resignation].

Research grants as Co-PI

- 2021-2025. Resilience and sustainability of agroecosystems under climate change in the socio-ecological production landscape of Liehuachih, Nantou County, Taiwan. NTD\$26,500,000 (subject to adjustment). Ministry of Science and Technology Research Project Grant, Taiwan
- 2014-2017. Biophilic town framework for landscapes to enhance the environment of high-density towns. SGD\$1,284,000. National Research Foundation, Ministry of National Development, Singapore.

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Government contractor projects

- 2024-2026. Sub-investigator. Assessment of the central-government-administered watersheds adaptation plans. NTD\$8,700,000. Water Resources Planning Branch, Water Resources Agency, Taiwan.
- 2021-2022. PI. Promoting flood resilience in flood-prone communities and expert communities. NTD\$2,500,000. Water Resources Planning Institute, Water Resources Agency, Taiwan.
- 2020. Co-PI. Resilience planning for communities of high flood risks. NTD\$2,960,000. Water Resources Planning Institute, Water Resources Agency, Taiwan.
- 2019-2020. Co-PI. The pilot project of regional climate change adaptation facilities. NTD\$9,700,000. Environmental Protection Administration, Taiwan.
- 2019. PI. Floodability planning for a village in the coastal area of southern Taiwan. NTD\$2,480,000. Water Resources Planning Institute, Water Resources Agency, Taiwan.
- 2013-2014. Co-PI. Planning and management of urban space for flood prevention 1/2. Water Resources Planning Institute, Water Resources Agency, Taiwan.

Course currently offered at National Taipei University

- Watershed and Riverine Ecosystem Governance (in Chinese; 2024~)
- Resilience thinking (in Chinese; 2023~)
- Resilience Theory & Applications to Environmental Planning (in English; 2023~)
- Resilience Theory in Urban Planning & Design (in English; 2018-2022)
- Urban Design (in Chinese; 2017~)
- Urban and Regional Planning Workshop (in Chinese; 2017~)
- Seminars on Urban Studies (in Chinese; 2017~)

Past courses offered

- CUHK Urban Sustainability (URSP2100)
Urban Design Studio (URSP3200)
Urban Studies Capstone Project I & II (URSP4003 & 4004)
Land and City (ARCH4721)
- NUS Sustainable Urban Design and Development (UD5628)
Introduction to Landscape Architecture (AR1724)
MLA Studio (MLA5702)

Keynote speech

- International Symposium on Nature-based Solutions in Peri-urban Region (NbSPUT2024). 'River and floodplain restoration as a nature-based solution to flood risk management'. Taipei, Taiwan. 2024/11/22.
- 20th Annual Conference of Taiwan Institute of Landscape Architects. 'Beyond landscape: The challenges and opportunities for the landscape architecture profession.' 2013/02/22.
<https://www.youtube.com/watch?v=Jh8gDFLye2Q>

Invited conference presentations

- **Liao K-H.** 2023. Existing and emerging injustice in flood management. The 2023 International Symposium of Just Transition toward De-carbonized Urban Systems.
- JC-WISE International Symposium on Water Sustainability. 'River enhancement in the urban areas in Taiwan'. Hong Kong. 2019/07/11.

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- IFLA (International Federation of Landscape Architects) World Congress Singapore 2018. 'Landscape design with ecosystem services in high-density cities'. Singapore. 2018/07/19.
- International Forum of Taipei Water Environment and Management. 'Resilience-based urban flood hazard mitigation: The important role of urban design'. Taipei City Government. 2016/03/07.
- 17th National-wide Symposium of Community Universities. 'Urban governance that lives with floods'. Association of Community Universities Promotion. 2015/05/24.
- Building Resilient Settlements Symposium. 'Flood resilience/ecological resilience'. University of Melbourne. 2013/11/25.
- The Professionals' Forum on Integrated Urban Flood Management. 'Environmental design strategies for flood retention and storage.' Construction and Planning Agency, Ministry of the Interior, Taiwan. 2013/07/12.
- Taiwan Water Forum, 'Retrofitting the built environment instead of flood control'. National Cheng Kung University, Tainan, Taiwan. 2009/09/23.

Conference presentations

- **Liao K-H.** 2024. Scotland's Natural Flood Management and lessons for Taiwan. SWS 2024 Annual Meeting. Taipei, Taiwan
- **Liao K-H,** Tsou M-H, Yang C. 2022. Public-private partnership for river revitalization in Taiwan. The 25th International River Symposium. Vienna, Austria.
- **Liao K-H.** 2017. A neighbourhood landscape design framework for enhancing ecosystem services in the urban area. 1st International Conference on Community Ecology. Budapest, Hungary.
- **Liao K-H,** Chan JKH. 2016. Two questions on ecological wisdom as an emerging research field. The Tongji Forum on Ecological Wisdom Inspired Urban and Rural Ecological Practice, Shanghai, China.
- **Liao K-H.** 2015. The obstacles to and potentials for increasing riverine ecosystem services in high-density Asian cities: Hong Kong, Singapore, and Taipei. The 18th International River Symposium. Brisbane, Australia.
- **Liao K-H,** Tan PY. 2015. The "blue" in green infrastructure in high-density cities: Urban rivers and streams in Hong Kong, Singapore, and Taipei. 9th International Association for Landscape Ecology World Congress. Portland, Oregon, USA.
- **Liao K-H.** 2014. Flood resilience and flood adaptation in an urban low-income community in Metro Manila. The 9th International Conference of Pacific Rim Community Design Network, Taiwan.
- **Liao K-H.** 2014. Urban design principles for flood-resilience cities: Learning from the ecological wisdom of living with floods in the Vietnamese Mekong Delta. International Symposium on Ecological Wisdom for Urban Sustainability: Doing Real and Permanent Good in Landscape and Urban Planning. Chongqing, China.
- Fryd O, **Liao K-H,** Tomlinson RH. 2013. Precedents and wicked problems. Wicked Problems in Socio-Ecological Systems Symposium & Workshop. UC Berkeley.
- Yocom K, **Liao K-H.** 2013. Novel landscapes: river transformations and urban transitions. Council of Educations in Landscape Architecture (CELA) Annual Meeting. The University of Texas at Austin.
- **Liao K-H.** 2010. The urban river as a coupled human and natural system: a case study on the Lower Green River, Washington, USA. 2nd International Conference on Urban Biodiversity & Design. Nagoya, Japan.
- **Liao K-H.** 2009. Adaptive hydrologic infrastructure: a plausible solution to urban flooding in the face of climate change. 5th International Conference on Planning and Design. Tainan.
- **Liao K-H.** 2008. Building dynamic systems: a direction for urban design to promote ecological resilience. The Annual Conference of the International Association for Environmental Philosophy (Thinking Through Nature: Philosophy for an Endangered World). Eugene.

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- **Liao K-H**, Brodie Bain. 2006. Global perspectives: survey for sustainable campus design & planning. 37th Annual Conference of the Environmental Design Research Association, Atlanta, USA.
- Hou J, **Liao K-H**. 2006. Service learning in the face of conflicts and differences: the case of Meinung Field Studio. 37th Annual Conference of the Environmental Design Research Association. Atlanta.

Academic journal editorial broad member

- Social-Ecological Practice Research. 2019~
- Journal of Flood Risk Management. September 2022~
- Journal of Korea Planning Association. 2023~

Ad-hoc journal referee (listed alphabetically)

- Annals of the Association of American Geographers
- Climatic Change
- Communications Earth & Environment
- Ecological Engineering
- Ecology and Society
- Environmental Development and Sustainability
- Environmental Science & Policy
- Environmental Policy and Governance
- Global Environmental Change
- Infrastructure Complexity
- Journal of Environmental Planning Management
- Journal of Hydrology
- Journal of Landscape Architecture
- Journal of Water Resources Planning and Management
- Landscape and Urban Planning
- Natural Hazards
- Npj Ocean Sustainability
- People, Place and Policy
- River Research and Application
- Scientific Reports
- Shima
- Socio-Ecological Practice Research
- Sustainability
- Sustainability Science
- Sustainable Cities and Societies
- Urban Ecosystems
- Urban Studies
- Urban Research Practices
- Urban Water Journal
- Water
- Water Research
- 公共行政學報 (Journal of Public Administration)
- 都市與計畫 (City and Planning)
- 地理學報 (Journal of Geographical Science)
- 社區營造學報 (Community Empowering Studies)

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Conference scientific committee

- ELI/ICUB/SEPR/IALE Conference: Socio-Ecological Practice Research for Sustainable Landscape Governance (2020). <https://eli-iale-session.eli-web.com/>
- IFLA World Congress (2018)
- The 49th International Conference Architectural Science Association (2015)
- GASS: Great Asian Street Symposium (2014)

Invited talks at academic institutions

- Department of Landscape Architecture, Planning and Management, Swedish University of Agricultural Sciences, Alnarp. "Toward resilient, floodable cities: Learning from the traditional and local practices in South Asia". 2017/06/15.
- College of Architecture & Urban Planning, Chongqing University. 'Resilience theory and adaptation to natural environmental dynamics'. 2016/07/01.
- Graduate Institute of Building and Planning, National Taiwan University. 'Resilience theory and adaptation to natural environmental dynamics'. 2016/05/13.
- National Chi Nan University. 'Towards, resilient, ecological cities that live with floods'. 2016/05/09
- Department of Architecture, Ming Chuan University. 'Towards resilient, ecological cities that live with floods'. 2015/12/18.
- Department of Ethology, National Chengchi University. 'Towards resilient cities living with floods: Learning from the traditional wisdom of the Mekong Delta'. 2015/12/25.
- School of Architecture, Chinese University of Hong Kong. 'Flood control: The spatial and temporal redistribution of floodwater as an ethical issue.' 2015/03/04.
- Department of Geography and Resource Management, Chinese University of Hong Kong. 'Towards resilient, floodable urbanism: Reconciling flood hazard mitigation and river restoration.' 2014/3/6.
- Department of Architecture, Tamkang University, Taipei, Taiwan. 'Towards resilient cities: The new challenge of landscape architecture'. 2013/09/25.
- Center for Sustainable Asian Cities, National University of Singapore. 'Towards resilient, floodable urbanism: Reconciling flood hazard mitigation and river restoration'. 2013/03/11
- Department of Landscape Architecture, Chinese Culture University, Taipei, Taiwan. 'Urban resilience: the challenge for landscape architecture'. 2012/11/07.
- Department of Civil Engineering, National Pintung University of Science and Technology, Pingtung, Taiwan. 'An emerging concept in flood hazard management: Resilience'. 2012/11/05.
- Department of Urban Planning, National Cheng Kung University, Tainan, Taiwan. 'From sustainable cities to resilient cities'. 2012/11/02.
- Department of Landscape Architecture, Fu Jen Catholic University, Sinjhuang, Taiwan. Sustainable urban design. 2011/02/23.
- Department of Horticulture, National Taiwan University, Taipei, Taiwan. Sustainable urban design. 2010/05/26.
- Taiwan Construction Research Institute, Xindian, Taiwan. 'Ecological urbanism'. 2010/06/02.
- College of Design, National Taipei University of Technology, Taipei, Taiwan. 'Sustainable urban design'. 2010/05/26.
- National Yunling University of Science & Technology, Yunlin, Taiwan. 'Urban water and mobility'. 2009/07/02.
- National Cheng Kung University, Tainan, Taiwan. 'Water Management for resilience'. 2009/06/17.
- Helmholtz Center for Environmental Research, Department of Computational Landscape Ecology, Leipzig, Germany. Adaptive hydrologic infrastructure. 2009/04/23.

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Other affiliations

- Adversary Board member, Google Group Climate Resilience. 2024~
- River Cities Network 2022~
- International Association for Landscape Ecology. 2015 ~ 2016
- Center for Land Resources and Housing Policy, Institute of Future Cities, Chinese University of Hong Kong. 2013-2017
- The Pacific Rim Community Design Network. 2003~

Early academic honors

- Study Abroad Scholarship, Taiwan Ministry of Education, 2009 ~ 2011
- Chester Fritz Endowment, University of Washington, 2007
- Nellis Fellowship, University of Washington, 2006 ~ 2007
- American Society of Landscape Architects Award, Certificate of Merit, 2003
- Faculty Medal in Regional Planning, University of Pennsylvania, 2003
- Chair's Merit Scholarship, University of Pennsylvania, 2001 ~ 2003

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PART II: PROFESSIONAL PRACTICES

Past Professional Positions

- Landscape and urban designer. Mithun, Inc., Seattle, Washington. 2003 ~ 2006.
- Assistant to Campus Landscape Architect. Capital Projects Office, University of Washington. 2007 ~ 2008.
- Intern. Institute of Landscape Architects, Taipei, Taiwan. 2002 ~ 2003.
- Project Coordinator. Community Empowering Society, Taipei, Taiwan. 2000.
- Journalist. Youth Community Foundation, Taipei, Taiwan. 1998 ~ 1999.
- Customer service representative. Netronics Inc., Taipei, Taiwan. 1997 ~ 1998.

Accreditation

LEED™ Accredited Professional (2004)

Project Awards (at Mithun)

- WASLA Professional Award, Merit Award, Tulalip Bay Vision Plan (with Mithun). 2005.
- Lloyd Crossing Sustainable Urban Design Plan (with Mithun) won the following awards:
 - AIA National Honor Awards for Regional and Urban Design. 2006.
 - AIA Northwest & Pacific Region Design Award, Award of Commendation. 2005.
 - ASLA Professional Award, Award of Honor, Analysis & Planning Category. 2005.
 - AIA Seattle Award, Commendation Award. 2004.

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PART III: PUBLIC SERVICES & PUBLIC WRITING

Books in Chinese

- 廖桂賢主編，廖桂賢、張式慧、柳志昫、徐孟平著。《城中一座島：築堤逐水、徵土爭權·社子島開發與台灣》，春山出版，2023年九月。
- 廖桂賢著。《好城市—綠設計·慢哲學·啟動未來城市整建計畫》，野人文化，2017年十一月。（獲選為國家文官學院108年專書閱讀書目）
- 廖桂賢著。《遇見好城市》，浙江大學出版社北京啟真館，2011年六月。（簡體字版）
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