

CURRICULUM VITAE

Mahsa Adib, Ph.D.

Assistant Professor, Department of Landscape Architecture, School of Planning, Design, and Construction, Michigan State University
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ACADEMIC APPOINTMENTS

Department of Landscape Architecture, Michigan State University 2025 – Present
Assistant Professor

College of Agriculture and Natural Resources, Michigan State University 2026 – Present
Global Scholar

EDUCATION

2025 Doctor of Philosophy, Architecture, Penn State
2021 Master of Science, Landscape Architecture (MSLA), Penn State
2019 Professional Master of Landscape Architecture (MLA), Iowa State University
2015 Bachelor of Arts, Environmental Design, Ferdowsi University of Mashhad, Iran

RESEARCH/TEACHING SPECIALIZATION

Nature-based Solutions and Green Stormwater Infrastructure, Participatory Planning and Design, Socio-Cognitive and Behavioral Modeling

HONORS AND AWARDS

2026 Global Scholar, College of Agriculture and Natural Resources, Michigan State University (\$10,000)

2025 Penn State Alumni Association Dissertation Award, Penn State (\$8,000)

2024 Diversity and Inclusion Fellow, Stuckman School, Penn State (\$3,000)

2024 Inaugural Access, Well-being, and Equity Ambassador, Stuckman School, Penn State (\$3,500)

2024 Excellence Award for Service, Department of Landscape Architecture, Penn State

2024 Arts and Architecture Sustainability Fellow, Penn State

2024 Nana Kirk Travel Scholarship Award, Environmental Design Research Association (EDRA)

2022 Alma Heinz and August Louis Pohland Graduate Fellowship, Penn State (\$2,000)

2019 Outstanding Teaching Assistant Award, Department of Landscape Architecture, Penn State

2019 ASLA Iowa Chapter Student Merit Award, American Society of Landscape Architecture

2019 Inaugural Mark Masteller Intern, Iowa State University

2019 Olmsted Scholar, Landscape Architecture Foundation, United States

2019 ASLA Iowa Chapter Merit Award, American Society of Landscape Architecture

2018 Jen Jensen Scholarship, College of Design, Iowa State University (\$7,000)

GRANTS

1. **Adib**, M., Chen, S., “Next generation Sustainability and Resilience Audit: From Scorecards to Scenarios: Developing a Participatory Sustainability and Resilience Decision-Support Platform”. (\$25,000). School of Planning, Design, and Construction Catalyst Grant. Michigan State University. 2025-2027.
2. Wu, H., Flohr, T. L., & Yench, A. **Adib**, M. “A Web App for Enhancing Knowledge Transfer and Science Communication in Community Engagement during Pandemic Time and Beyond”. (\$10,000). Hamer Center for Community Design, College of Arts and Architecture, Penn State. 2021-2022.

OTHER FUNDED GRANTS (PARTICIPATED AS GRADUATE RESEARCH ASSISTANT)

1. Wu, H., Cruz, Sh., Cotrone, V. “Urban Forests for All: Advancing Urban Tree Adoption and Maintenance in Underserved Pennsylvania Communities”. Chesapeake Bay Trust. 2025-2027, \$233,254.
2. Kirchhoff, C., Wu, H., Yench, A., Fetter, J., McPhillips, L., Grant, "A comprehensive assessment of the barriers and drivers of GSI adoption centered on ordinances in small and small to medium-sized municipalities in Pennsylvania," Pennsylvania Sea Grant. 2023-2024, \$160,127.
3. Zaitchik, B., Hunter, J., Welty, C., Davis, K., Ricciuto, D., Ling, J., McComas M., ..., Wu, H., McPhillips, L., Clark, S. E., “The Baltimore Social-Environmental Collaborative IFL,” U.S. Department of Energy, Federal Agencies. 2022-2027, \$25,371,823.
4. Flohr, T. L., Richardson, L., Hoffman, M., Wu, H. (Co-PI), Lindemann, J., Heris, M. “Connecting policies to actions for creating just, biodiverse, and climate-resilient urban forests,” Penn State Institutes of Energy and the Environment. 2022-2023, \$30,000.
5. Smithwick, E. A. H., K. Y. Zipp, M. W. Kaye, A. Taylor, P. B. Newman, & Wu, H. “Firescapes in the mid-Atlantic: mismatches between social perceptions and prescribed fire use”. USDI Joint Fire Sciences Program. 2016-2019, \$327,726.
6. Sosa, L., Spangler, A. “Landscape architectural precedent, drawing from environmental justice activism”. Hamer Center for Community Design, College of Arts and Architecture, Penn State. 2021-2022, \$5,000.

PUBLICATIONS (*J* – Peer-reviewed Journal Article; *P* – Proceeding Articles)

PUBLISHED

1. [J] **Adib**, M., Wu., H., Cruz, Sh. M. (2026). Breaking barriers to green stormwater infrastructure: Understanding Resident Stewardship Intentions in Three Major U.S. Cities. *Environment and Behavior*.

2. [P] **Adib**, M., Kizhakkemarakkattil Janardhanan, A., Tariq, T., Iulo, L., Wu, H., Azari, R. (2025). “Community-based Approaches to Creating Adaptive Solutions for Urban Challenges: Two Case Studies”. Architectural Research Centers Consortium (ARCC). Aarhus, Denmark.
3. [J] Hashemi, F., & **Adib**, M. (2024). Examining thermal inequities: Land surface temperature, social vulnerability, and historical redlining in San Antonio, TX. *Urban Climate*, 55, 101960.
4. [J] Smithwick, E. A., Wu, H., Spangler, K., **Adib**, M., Wang, R., Dems, C., ... & Zhao, A. (2024). Barriers and opportunities for implementing prescribed fire: lessons from managers in the mid-Atlantic region, United States. *Fire Ecology*, 20(1), 77.
5. [J] Wu, H., Hoffman, M. C., Wang, R., Kelley, K. M., & **Adib**, M. (2024). Revealing public perceptions of biodiverse vs. turf swales: Balancing enhanced ecosystem services with heightened concerns. *Water*, 16(20), 2899.
6. [J] **Adib**, M., Wu, H., & Flohr, T. (2023). Professional perceptions of participatory practices in green stormwater infrastructure development. *PLoS Water*, 2(3), e0000084.
7. [J] **Adib**, M., & Wu, H. (2020). Fostering community-engaged green stormwater infrastructure through the use of participatory geographic information systems (PGIS). *Journal of Digital Landscape Architecture*, 5, 549-557.

UNDER REVIEW

1. [J] **Adib**, M., Flohr, T., Wu, H., Lindemann, J., Lilliard, R., Hoffman, M., Heris, M. (Submitted 2026). Barriers and opportunities for a just and biodiverse urban forest: the case of Pittsburgh, Pennsylvania. *Sustainability*.
2. [J] Spangler, A., Hadjimichael, A., Blash, M., **Adib**, M., Wu, H., Cameron, M., Welty, C., Minor-Terrell, D., Zaitchiik, B. (Submitted 2026). Collaborative Development of a Pluvial Flood Model and Adaptation Strategies to Advance Resilience in Baltimore. *Sustainable Cities and Society*.
3. [J] Hashemi, F., Meshkinkiya, M., **Adib**, M., Khayatian, F., (Submitted 2026). Urban heat vulnerability and mitigation in US cities: A systematic review of biases and opportunities. *Journal of Sustainable Cities and Society: Advances*.

IN PROGRESS

1. [J] **Adib**, M., Wu, H., & Flohr, T. GSI Education: learning modules evaluation and recommendations for enhancements.
2. [J] **Adib**, M., Wu, H., & Flohr, T. Engaging with the community virtually: evaluating virtual community engagement during the Pandemic and recommendations for post-pandemic.

3. [J] **Adib**, M., Wu, H., Avolio, M., Bader, M., Grove, M., Groffman, P., Zaitchik, B., Locke, D. Examining the Socio-psychological predictors of tree-adoption behavior using the Theory of Planned Behavior: the case of Baltimore Justice40 communities.

SELECTED ORAL PRESENTATIONS

- **Adib**, M., Wu, H. (2025). "What Drives GSI Adoption? A Multilevel Analysis of Resident Behavior." 2025 World Environmental & Water Resources Congress. Anchorage, Alaska.
- Wu, H., Hoffman, M., Wang, R., Kelley, K., **Adib**, M. (2025). "Revealing Public Perceptions of Biodiverse vs Turf Swales: Balancing Enhanced Ecosystem Services with Heightened Concerns". 2025 World Environmental & Water Resources Congress. Anchorage, Alaska.
- **Adib**, M., Kizhakkemarakattil Janardhanan, A., Tariq, T., Iulo, L, Wu, H., Azari, R. (2024). "Community-based Approaches to Creating Adaptive Solutions for Urban Challenges: Two Case Studies". Architectural Research Centers Consortium (ARCC). Aarhus, Denmark.
- **Adib**, M., Wu, H., (2024). "Investigating Influences on Public Involvement in Green Stormwater Solutions: A Theory of Planned Behavior Expansion". Villanova Urban Stormwater Partnership (VUSP). Villanova, PA.
- Mirindi, D., **Adib**, M., Sanders, T., Iulo, L. (2024). "Engaging Citizen Scientists in Climate Action: Motivations, Impacts, and Ethical Considerations". Environmental Design Research Association (EDRA) Annual Conference. Portland, OR.
- Flohr, T., **Adib**, M., Wu, H., Lindemann, J., Hoffman, M. (2024). "Opportunities and barriers for a just and biodiverse urban forest: the case of Pittsburgh, PA." Council of Educators in Landscape Architecture (CELA) Annual Conference, St. Louis, MO.
- **Adib**, M., Wu, H. (2023). "Evaluating public education modules for green stormwater infrastructure development". Council of Educators in Landscape Architecture (CELA) Annual Conference. San Antonio, TX.
- **Adib**, M., Wu, H., & Flohr, T. L. (2022). "Participatory practices for Green Stormwater Infrastructure Development," National Extension Energy Summit and National Sustainability Summit. The Pennsylvania State University.
- **Adib**, M., Wu, H. & Flohr, T. (2021). "Evaluating community engagement mechanisms for green stormwater infrastructure development", CELA 2021 Annual Conference. Virtual.
- **Adib**, M., & Wu, H. (2020). "Fostering Community-engaged Green Stormwater Infrastructure through the Use of Web-based Participatory Technologies," The 21st annual International Digital Landscape Architecture (DLA) Conference. Virtual.

TEACHING EXPERIENCE

MICHIGAN STATE UNIVERSITY

UP 424, Geographic Information Systems and Design Tools for Planning	2026
Larch 447, Juried Design Studio	2025

THE PENNSYLVANIA STATE UNIVERSITY

Larch 115, Design Studio 1	2023-24
AA 121, Design, Design Thinking, and Creativity	2021-23
Larch 155, Introductory Design Studio Skills Lab	2020
Larch 215/815, Understanding Place Design Studio	2020
Larch 236/836, Site Materials	2020
Larch 375, Human Dimensions of the Design	2020
Larch 315/817, Community Design Studio	2019
Ecology and Plants II	2019

IOWA STATE UNIVERSITY

Larch 522, Planting Design and Emergent Technologies	2018
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SYNERGISTIC ACTIVITIES

PEER REVIEW OF GRANTS/MANUSCRIPTS

Clean Water Montgomery Grant Program
Chesapeake Bay Trust Green Streets, Green Jobs, Green Towns (G3) Grant Program
Journal of Sustainable Cities & Society
Journal of Urban Climate
Frontiers in Conservation Science
Journal of PLOS Water
ENQ (Enquiry): The ARCC Journal for Architectural Research
Landscape Research Record (LRR)
Environmental Design Research Association (EDRA) Conference
North American Association of Environmental Education (NAAEE) Conference
Council of Educators in Landscape Architecture (CELA) Conference

INVITED LECTURES

2023	Panelist: Bay-wide Stormwater Partners Retreat “More Meaningful Community Engagement in Stormwater Management,” Shepherdstown, West Virginia
2023	Landscape Architecture Graduate Program, Iowa State University
2021-23	Engagement Seminar (Engagement for Impact), University of Michigan

SERVICE

INTERNATIONAL

2026 Global Scholar; College of Agriculture and Natural Resources, Michigan State University.

SCHOOL/COLLEGE

2025-2026 School of Planning, Design, and Construction Space Taskforce, Michigan State University

2021-22 President, Graduate Research and Innovative Design (GRID), Penn State

2024-25 Fellow and ambassador, Diversity, Inclusion, Access, Wellbeing, and Equity, College of Arts and Architecture, Penn State

2018-19 Design Council Representative, Graduate Landscape Architecture Group, Iowa State University

UNIVERSITY

2021-22 Student Member, Water Council, Penn State

2020-21 Representative, Graduate Council Ad Hoc Committee on Diversity, Equity, and Inclusion, Penn State

MEMBERSHIPS AND AFFILIATIONS

2016-Present American Society of Landscape Architecture

2019-Present Council of Educators in Landscape Architecture

PROFESSIONAL EXPERIENCE

2016-2019 Landscape Architecture Intern, Iowa State University Extension and Outreach

2018 Landscape Architecture Intern, Bolton & Menk, Des Moines, IA.

2017 Landscape Architecture Intern, Iowa State University Facilities Planning and Management Office, Ames, IA

PROFESSIONAL TRAINING

2023 College of Arts and Architecture Graduate Certificate in Online Teaching. Center for Pedagogy in Arts & Design.

2023 Environmental Education & Community Engagement Certificate. Cornell University.

2019 Midwest Big Data Summer School Professional Development Certificate, Iowa State University