

Vahid Vaziri

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Google Scholar: <https://scholar.google.ca/citations?hl=en&user=jQYNsMAAAAJ>
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Current Academic Rank Associate Professor of Architecture	Research Profile Architecture, sustainability, daylighting, energy performance, augmented reality, AI in design	Scholar Metrics 49 citations h-index 4 i10-index 1
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Research Profile

Associate Professor of Architecture with more than 20 years of academic, teaching, and research experience. Research and teaching portfolio combines sustainable architecture, daylighting, building performance, environmental behavior, and emerging AI-assisted design workflows. Experienced in graduate supervision, curriculum delivery, scholarly publication, and interdisciplinary architectural research.

Research Interests

- Sustainable architecture and energy-efficient buildings
- Building energy simulation and environmental performance
- augmented reality in interior design
- Daylighting and user behavior in educational spaces
- Urban design, sense of place, and social sustainability
- AI in architecture, generative workflows, and digital design methods

Education

Degree	Year	Academic Distinction
Ph.D. in Architecture Iran University of Science and Technology, Tehran, Iran	2011	Second Rank Graduate GPA: 18.25 / 20
Integrated M.Sc. in Architectural Engineering (Architecture) Iran University of Science and Technology, Tehran, Iran	2003	First Rank Graduate GPA: 17.70 / 20
High School Diploma - Mathematics and Physics Sheikh Mofid Exemplary State School, Ardabil, Iran	1996	First Rank Graduate GPA: 17.92 / 20

Academic Appointments

- **Associate Professor of Architecture** - University of Mohaghegh Ardabili, Ardabil, Iran
- **Faculty Member**- University of Mohaghegh Ardabili, prior to promotion to Associate Professor
- **Lecturer** — Iran University of Science and Technology (2003–2008)
- **Lecturer** — Islamic Azad University (Ardabil, Khalkhal.)
- **Lecturer** — Tabriz Islamic Art University
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Teaching Experience

Selected undergraduate teaching

- Architectural Design I, II, III, IV, and V
- Introduction to Architectural Design
- Building Construction 1
- Building Materials
- Architectural Expression
- Urban Space Analysis
- Final Design Project
- Internship supervision
- Selected graduate teaching
- Research Methods in Architecture
- Advanced Research Methods
- Energy and Architecture
- Climate-responsive Architecture
- Master Architecture Design Studio I and II
- AI-supported architectural design topics
- Architecture and Climate

Academic Leadership & Professional Service

- **scientific Advisor, Architecture Student Academic Association**
2012 - present
Supervised and supported student-led academic activities and initiatives
- **Head**, Research Core on Iranian Indigenous Architecture Studies, Ardabil, Iran
July 2020 – Present
Directed research initiatives in Iranian vernacular architecture and sustainability. Managed academic collaborations, supervised graduate research, and contributed to scholarly outputs

Conference Organization & Academic Service

Executive Secretary, International Conference on Contemporary Adaptation of Iranian Vernacular Architecture, Ardabil, Iran
May 2016
Played a key role in organizing and managing an international academic conference. Oversaw coordination of scientific sessions, participant engagement, and overall event execution

unded Research & Industry Projects

- **Design and Development of Ardabil Cultural Center and Museum (Model Study)**
Client: Ministry of Culture and Islamic Guidance (Ardabil)
2019 – 2021

- **Study of Ardabil Historic Bazaar**
Client: Cultural Heritage, Handicrafts and Tourism Organization (Ardabil)
2019 – 2022
- **Design of 500-Bed Imam Hospital Development Plan, Ardabil**
Client: Ardabil University of Medical Sciences
2022 – 2024
- **Restoration and Revitalization Plan of Zanjirlu Caravanserai, Ardabil**
Client: Cultural Heritage Organization
2020 – 2021
- **Tourism and Recreational Development Plan for Health Village (Hir, Ardabil)**
Client: Cultural Heritage Organization
2022 – 2024

Funded applied research projects in architecture, urban design, and heritage conservation in collaboration with governmental organizations.

books & Monographs

- **Vaziri, V.**, *Historical Baths of Ardabil*, Jahad Daneshgahi Press (Ardabil), 2018.
Lead author; developed with supervised M.Sc. student (M. Taghizadeh Hir)
- **Vaziri, V.**, *Rural Areas and Second Home Tourism*, Jahad Daneshgahi Press (Ardabil), 2018.
Lead author; developed with supervised M.Sc. student (M. Taghizadeh Hir)
- **Vaziri, V.**, *Urban Hangouts: An Approach Toward Designing Happy Cities*, University of Mohaghegh Ardabili Press, 2017.
Lead author; developed with supervised M.Sc. student (S. Karamati)
- **Vaziri, V.**, *Common Features of Carpet and Architecture*, Jahad Daneshgahi Press (Ardabil), 2025.
Lead author; developed with supervised M.Sc. student (P. Kaffashi Abdollahi)

Publications & Research Impact

- According to my Google Scholar profile:
49 citations | h-index: 4 | i10-index: 1
- Research focuses on daylighting, sustainable architecture, social design, urban identity, and environmental performance.

Selected article Publications

- ♦ Shemirani, S. M. M., Memarian, G. H., Naseri, S. P., Nejad, H. H., & **Vaziri, V.** (2011). Investigating the behaviors of elementary school students in relation to daylight factors. *Asian Social Science*, 7(3). **(Cited by 14)**
- ♦ Seyyedpour Esmaeilzadeh, M., Nejad Ebrahimi, A., & **Vaziri, V.** (2022). Prioritizing infill structure indicators in historic contexts (Tabriz Bazaar). *Smart and Sustainable Built Environment*, 11(3), 500–515. **(Cited by 7)**
- ♦ Shemirani, S. M. M., Memarian, G. H., Naseri, S. P., & **Vaziri, V.** (2011). Daylighting design strategies in schools. *Journal of American Science*, 7(5), 751–758. **(Cited by 5)**
- ♦ Hatami Khanghahi, T., **Vaziri, V.**, Salmanian, B., & Tajaddini, N. (2020). Sense of place in old vs. new neighborhoods (Ardabil). *Motaleate Shahri*, 9(34), 17–28. **(Cited by 4)**
- ♦ Alem, S., **Vaziri, V.**, & Sharif, A. R. (2014). Designing ritual spaces with social bonding considerations. *Journal of Social Issues & Humanities*, 2(5), 12–19. **(Cited by 3)**
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Research Supervision & Conference Publications (Selected)

These publications, comprising over 40 conference papers, were produced through graduate research projects conducted under my academic supervision.

- ◆ Vaziri, V. (Supervisor), Karimi, M., Pournaseri, S. — The Role of Collective Spaces in Enhancing Social Interaction and Health of Elderly Residents. Hamadan, Iran, 2015.
- ◆ Vaziri, V. (Supervisor), Mehrdadi, M. — Zero Energy Strategies in Residential Complexes. Tabriz, Iran, 2015.
- ◆ Vaziri, V. (Supervisor), Zare, M., Ghasemi, Z. — Renewable Energy Approaches in Near-Zero Energy Building Design: Case Study of Sarein. Tabriz, Iran, 2015.
- ◆ Vaziri, V. (Supervisor), Moradi, R. — Formation of Informal Settlements in Ardabil. Tabriz, Iran, 2015.
- ◆ Vaziri, V. (Supervisor), Moeinzadeh, G. — Vernacular Architecture and Sustainable Urban Development. Tehran, Iran, 2015.
- ◆ Vaziri, V. (Supervisor), Shahalnia, E. — Pedestrian Path Quality and Behavioral Patterns for Urban Sustainability. Ardabil, Iran, 2015.
- ◆ Vaziri, V. (Supervisor), Ebrahimzadeh, L. — Optimization in Achieving Sustainable Housing Architecture. Ardabil, Iran, 2015.
- ◆ Vaziri, V. (Supervisor), ZafarMandi, N. — Sustainable Cultural Space Design with Social Interaction Focus. Ardabil, Iran, 2015.
- ◆ Vaziri, V. (Supervisor), Beheshti, S. — Role of Neighborhoods in Urban Sustainable Development. Ardabil, Iran, 2015.

Full list of conference publications available upon request.

Graduate Supervision and Research Advising

- Supervision of postdoctoral fellows (2 completed)
- Supervision of 5+ PHD theses
- Supervision of 20+ Master's theses
- Supervision of numerous final design projects

Selected Research Themes

<i>Theme</i>	<i>Evidence in CV</i>
<i>Daylighting and educational environments</i>	<i>School-space behavior studies and daylight design publications</i>
<i>Sustainability and energy performance</i>	<i>Energy simulation tools, passive systems research, sustainable infill</i>
<i>Urban design and social behavior</i>	<i>Sense of place, neighborhood centers, ritual/social spaces</i>
<i>AI in architecture</i>	<i>Teaching, supervision topics, and applied workflow familiarity</i>

Technical and Research Skills

Area	Tools / Capabilities
Architectural design	AutoCAD, Revit, conceptual and technical design development
Simulation	DesignBuilder, EnergyPlus, building energy and performance analysis
Visualization	Adobe Photoshop, presentation graphics, design communication
Data and research	SPSS, qualitative and quantitative analysis, research methodology, academic writing
AI tools	Midjourney and broad familiarity with AI applications in architectural workflows

Professional Development and Academic Service

- Participation in faculty development, academic ethics, and research evaluation workshops
- Continuous engagement with academic quality enhancement and scholarly databases
- University-level teaching, mentoring, and review responsibilities within architecture education

Patents & Innovations

- **Smart Lighting System with Adjustable Height**, Iran, 2017 — **Granted**
Lead Inventor; developed with supervised students (R. Haghighi, A. Lotfi Aghlim)
- **Solar Air Heater for Indoor Spaces Based on Thermosiphon Effect**, Iran, 2022 — **Granted**
Lead Inventor; developed with supervised student (A. Abedian)
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Honors and Distinctions

- First Rank Graduate - Integrated M.Sc. in Architectural Engineering (Architecture)
- Second Rank Graduate - Ph.D. in Architecture
- Associate Professor appointment reflecting sustained academic performance and research record

Professional Experience

- Designer and Supervisor of major residential projects (1000+ units)
- Consultant to Sarein Municipality (2009–2015)
- Head of Architecture & Urban Studies — Ardabil Municipality Research Center
- Member — Technical Committee, Cultural Heritage Organization (2018-2021)
- hair, Urban Planning, Architecture, Infrastructure & Transportation Committee, Ardabil Municipality Research Center (2018 – 2021)
- Member, Technical, Infrastructure & Traffic Studies Working Group, Ardabil Municipality (2018 – 2020)
- Member, Academic Evaluation Committee (Architecture Program), University of Mohaghegh Ardabili (2012 – 2016)
- Member, Urban Design & Landscape Quality Enhancement Committee, Ministry of Roads and Urban Development (Ardabil) (2017 – Present)
- Member, Provincial Technical Council, Cultural Heritage, Handicrafts & Tourism Organization (Ardabil) (2017 – Present)
- Member, Specialized Committee on Architecture, Urban Design & Building, Ministry of Roads and Urban Development (2020 – Present)
- Core Member, Education Committee, Construction Engineering Organization (2015 – Present)
- Chair, Education Committee, Construction Engineering Organization (2021 – Present)
- Member, Research Council, Ardabil Municipality (2022 – Present)
- Member, Technical Committee for Housing Project Evaluation and Approval, Ministry of Roads and Urban Development (2021 – Present)

Managerial Experience

- Chairman of the Board — Naghshine Bana Sazan Rad Co.
- Board Member — Proma Construction Co.
- Vice Chairman — Haft Cheshmeh Architecture Co.
- Board Member — Haft Cheshmeh Sabalan Co.

Professional Memberships

- Iranian Construction Engineering Organization (Senior Member)
- Licensed Architect — Grade 1 (Design & Supervision)
- Association of Consulting Engineers
- Instructor — Professional training courses

Professional Development Workshops

• No.	• Workshop Title	• Date	• Duration (Hours)	• Organizer
•	• Cultural and Student Affairs Seminar	• Sep 20, 2017	• 12	• University of Mohaghegh Ardabili
•	• University Culture with Emphasis on Professional Ethics	• May 26, 2018	• 2	• University of Mohaghegh Ardabili
•	• Evaluation of Educational and Research Activities	• Mar 13–17, 2013	• 16	• University of Mohaghegh Ardabili
•	• Professional Ethics	• Mar 12, 2017	• 2	• University of Mohaghegh Ardabili
•	• Scientific and Professional Ethics Workshop	• May 1, 2013	• 4	• University of Mohaghegh Ardabili
•	• Enhancing University Quality and International Ranking	• Jul 23, 2018	• 2	• University of Mohaghegh Ardabili
•	• Business Plan Development & Entrepreneurship Training	• Jan 11, 2016	• 4	• University of Mohaghegh Ardabili
•	• National Standard Development (Structure & Writing)	• Jan 6, 2016	• 4	• University of Mohaghegh Ardabili
•	• Introduction to Scopus Database	• Feb 14, 2017	• 3	• University of Mohaghegh Ardabili
•	• Knowledge and Creativity	• Jan 10, 2016	• 2	• University of Mohaghegh Ardabili

Languages

- Persian (Farsi): Native
- English: Professional working proficiency

References

Available upon request.