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Maryam Singery, PhD

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## EDUCATION

**I. Azad University, Science and Research Branch (IAU), Tehran** 2006-2010  
Ph.D. in Urban Studies

**I. Azad University, Tabriz Branch (IAUT)** 1995-2002  
M.Sc. in Architecture (Continuous Master's Degree/Integrated Master's Degree)

## FACULTY ASSIGNMENTS

**South Texas College, McAllen (STC)** 2019- Present  
Lecturer

- Participated in College, Division, and Program Functions
- Attended Teaching and Learning Academy (TLA) and on-campus and online workshops
- Began the formation of students' research groups on sustainability
- Held daily office hours for students and related administrative tasks
- Attended faculty meetings on sustainable development
- Performed other duties as assigned

**I. Azad University, Tabriz Branch (IAUT)** 2003- 2018

**Architecture Department Chair** 2007-2008

- Recruited, hired, supervised, and evaluated faculty
- Coordinated all strategic planning activities in architecture
- Led the development, reviewed, and assessment of all course learning and program learning outcomes
- Conducted annual Academic Program Review(s)
- Led bi-monthly faculty meeting
- Planned, initiated, revised, and assessed strategic directions and procedures for curriculum development

## Assistant Professor

- Served on Curriculum and Program Review Committee (2006- 2012)
- Served as a member of the Council's Advisory Committee in the Research Department (2008-2012)
- Held debates and discussion panels for students
- Participated in university, division, and group activities
- Attended Teaching and Learning Academy workshops
- Conducted seminars and scientific evaluations of presented papers
- Evaluated national and regional architectural competitions
- Held daily office hours for students and related administrative tasks
- Performed other duties as assigned

## TEACHING EXPERIENCE

<b>Department of Architectural &amp; Engineering Design Technology, STC</b>	2019- 2020
<u>Teach:</u> ARCH 1301 Architectural History I (NAAB) ARCH 1302 Architectural History II (NAAB) Online ARCH 1311 Introduction to Architecture (NAAB) ARCE 1421 Architectural Illustration	
<b>Department of Architecture and Art, IAUT</b>	2003- 2018
<u>Taught:</u> Design Studio (introduction, intermediate, advanced) Introduction to Sustainable Architecture Environmental Buildings Control systems I Introduction to Architecture Introduction to Sustainable Urban Design Architecture History I & II	
<b>East Azerbaijan Science &amp; Research Campus, I. Azad University</b>	2010-2013
<u>Taught:</u> Design Studio (Advanced) Sustainable architecture principle theories	
<b>Tabriz University</b>	2008-2009
<u>Taught:</u> Environmental Buildings Control Systems I Design Studio (Introduction)	
<b>Sama Technical &amp; Vocational College, I. Azad University</b>	2002-2003
<u>Taught:</u> Design Studio (Introduction) Environmental Buildings Control systems	
<b>COMMUNITY SERVICES</b>	
<b>City of Mission</b>	2020
- Attended urban development meeting	
<b>City of Houston</b>	2015
- Assisted attendees with completing surveys during the 40th Annual Conference on Neighborhood Concern	
<b>City of Tabriz</b>	2009-2012
- Served as a consultant on architectural projects - Reviewed historical urban texture projects - Evaluated architectural competitions	
<b>East Azerbaijan Art Province Organization</b>	2010-2011
- Assisted in the formation of intellectual youth clubs - Coordinated with organizations on projects tied to the province	

## FUNDED RESEARCH

**Governmental Research Project for the Ministry of Education, Tehran** 2013  
Effective Patterns of Architectural Design for Tehran Schools Energy Use Control Toward Sustainable Development.

**I. Azad University (IATU)** 2006  
Factors in Sustainable Architecture and their Functional methods in Tabriz.

**Contract with the City of Tabriz** 2002  
.Feasibility Studies and Providing a Schematic Design to Building a Tabriz Central Information Center and Tourism Camp on the Sento Road in Tabriz.

## PUBLICATION

### Book

[1] **M. Singery**, H. Danesh Pajoh (2016). Urban, Sustainable, Environment, (262 pages) Published by Azarakhsh, Tehran.

### Selected Book Chapters

[2] **M. Singery**, The Role of Wood in the Architectural History of Mosques in the Middle East, Ali Sayigh (Eds.) (Ongoing)

[3] N. Nahi, **M. Singery** (2015). Describing Native Architectural Features of Kandovan, a Sustainable Village with Rock Architecture, Renewable Energy in the Service of Mankind Vol I: Springer, pp.687-700.

[4] N. Nahi, **M. Singery** (2015). Investigating the Effect of Climatic Factors on the Spatial Structure of Old Yazd City Texture: An Example of a Stable Urban Texture: Renewable Energy in the Service of Mankind Vol I: Springer, pp. 701-709.

[5] R. Azari, **M. Singery** (2013). Sustainable Building and Relationship with Humans and Nature. In: Ali Sayigh (Eds.), Sustainability, Energy and Architecture: Elsevier Science Ltd. pp. 387-397.

### Selected Journal Articles

[6] **M. Singery**, S. Abdoli (2012) A Comparative Comparison of Exterior Shells of Residential Buildings in Traditional and Modern Tabriz Textures with Sustainability Approach; Journal of Studies on Iranian I. City. No.7. pp.53-57.

[7] **M. Singery**, S. M. Mofidi (2011). Investigating the Approaches of Sustainable Concepts and Primary Paradigms Influencing the Contemporary Community Design: Urban Identity. ISSN:1735-9562, No.8. pp.73-83.

[8] M. Nouri, S. Khorshidian, **M. Singery** (2011). The Study of the Effect of High-Albedo Coating on Roofs, Facades, and Pavements in Energy Consumption: a Case Study of Ekbatan Community in Tehran: ISESCO Science and Technology Vision. Vol.7, No.11. pp.20-25

[9] **M. Singery**, S. M. Mofidi (2009). Impact Assessment of Community Elements on Sustainable Design Process: Scientific Works, ISSN:2222-5013, No.11, Azerbaijan University of Architecture.

### Selected Conference Papers

[10] **M. Singery**. Challenges and Opportunities for Achieving a Sustainable Community in McAllen, Texas. World Renewable Energy Congress, Lisbon, Portugal (September 2020)

[11] N. P. Kalantari, **M. Singery**, S. R. Jourshari. Investigation of the Relationship Between the Climatic Role of Veranda and Rate of Energy Consumption in Traditional Houses in Tabriz. International Conference on Sustainable Design, Engineering and Construction, Elsevier, United States (2015)

[12] **M. Singery**, F. Paknia. The Role of Renewable Energies in Sustainable Community Design. World Renewable Energy Congress XI, Abu Dhabi, United Arab Emirates (2010)

- [13] **M. Singery**, S. M. Mofidi. Climatic Responsive Architecture of Tabriz. The 2nd PALENC Conference and 28th AIVC Conference, Crete Island, Greece (2007)
- [14] **M. Singery**. Practical Principle to Build Permanent Building in Tabriz. World Renewable Energy Congress IX, Florence, Italy (2006)

## **PROFESSIONAL ARCHITECTURE AND DESIGN CONSULTANCY**

<b>GA Engineering Inc. Tarzana, CA</b>	2012- 2013
Observed the remodeling of residential buildings	
<b>D. N. Aria Consulting Engineers, Tabriz</b>	2006-present
Designer/Consultant/Inspector of Residential and Commercial Buildings	
<b>Private Architectural Design and Consultant Office</b>	2000-2011
- The remodeled interior design of Samari's Store in the Historical Bazaar, Tabriz	2000
- Remodeled and built three-story houses for the Samari's	2001
- Remodeled and renovate the Singery's home 2010	
<b>Ministry of Housing and Urban Development, Tabriz</b>	2008-present
Occupational License in Architectural Engineering (First Grade)	
Supervisor and Designer	

## **ADDITIONAL INFORMATION**

Ph.D. Advisor and Supervisor (unpaid voluntary online service), IAUT	2013-Present
AIA certifications, Rio Grande Valley, Texas	2019
- Envelope Design for High-Performance Net Zero Building	
- Historic Buildings: A Conceptual Framework for Sustainable Design	
- The New Age of Architectural Rendering,	
- Historic Properties and Navigating Adopted Building Codes	
- The Standards: What Designers Need to Know to Work on Historic Tax Credit Rehab Project	
Home Inspection-Standards of Practice, Moore Norman Technology Center, Oklahoma	2018
OSHA 10 for Construction, Oklahoma Department of Transportation, Oklahoma	2016
Human Ecology and Eco-Cycles Workshop, Ekocentrum, Environmental Diploma, Ecological Center, Sweden	2010

## **SKILLS**

### **SOFTWARE**

Architecture/Construction: AutoCAD

Graphics: Adobe Photoshop, Adobe Illustrator

Microsoft Office: Word, Excel, and PowerPoint

### **ACTIVITIES**

Sketching, modeling, rendering, photography, free-hand drawing, design and designing innovative exhibition booths,

Painting: watercolor, plaster, pencil, ink, and oil painting

## LANGUAGES

English, Farsi, Turkish Azari, and Arabic (Basic)

## TRAVEL PHOTO GALLERY

United States, Turkey, Syria, United Arab Emirates, Saudi Arabia, Italy, Greece, Malaysia, Azerbaijan, Nakhichevan

## JOURNAL PEER REVIEWER

Scientific and Research Journal Urban Identity, IAU	2011-2018
Journal of Studies on Iranian Islamic Cities	2012-2016
Scientific and Research Journal on Women and Family Studies, IAUT	2011-2016

## FELLOWSHIPS, GRANTS & AWARDS

- SBSE Travel Scholarship, Society of Building Science Educators, USA (2014)
- Recognized in the International Championship on Sustainable Women Cultural and Communication Center Building in Dubai, World Renewable Energy Congress XI, Abu Dhabi, United Arab Emirates (2010)
- Active Researcher Award, IAUT (2003)
- Recognized by Jury of Kharazmi Youth Festival, Solar building design, Tehran (2002)
- First Place Award in the National Championship, the First Solar Building Design in Yazd Solar Powerhouse, Ministry of Power, Tehran (2001)