

AMIR SHAKIBAMANESH, PH.D

Associate Professor of Urban Design, Department of Urban Planning and Design, School of Architecture and Urban Studies, Tehran Art University, Tehran, Iran.



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art.ac.ir/en/page/1591/virtual-reality-and-emerging-technologies-lab-in-urban-design-and-architecture



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scholar.google.com/citations?user=58ao6wIAAAJ&hl=en&oi=ao



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OVERVIEW

Dr. Amir Shakibamanesh is an Urban Designer with more than 12 years of professional experience. He currently works as an associate professor of urban design at the University of Art, Tehran, Iran. He is the author or coauthor of more than 25 scholarly articles and monographs, and author of 9 books and book chapters. He is also the director of Virtual Reality And Emerging Technologies Lab (In Urban Design And Architecture). Dr. Shakibamanesh's research interests include smart cities, urban modeling and simulation, virtual & augmented reality, and urban scene analysis.



EDUCATION AND QUALIFICATIONS

PHD IN URBAN DESIGN (2010- 2013)

Iran University of Science and Technology, Tehran, Iran

Thesis Title: The Effects of Spatial Configuration and Physical Structure on Pedestrians' Subjective Experience of Time Perception Using Virtual Reality

MA. IN URBAN DESIGN, SEPTEMBER (2006- 2008)

Iran University of Science and Technology, Tehran, Iran

Dissertation Title: Promoting City Centers Quality by Using Special Urban Design Guidelines

BA. IN URBANISM DEGREE, SEPTEMBER (2002- 2006)

University of Urmia, Urmia, Iran

Dissertation Title: Urban Districts in Iran

PUBLICATIONS

A: BOOKS (AUTHOR)

- **Shakibamanesh, A.**, Ghorbanian, M., & Moghadam, S. N. M. (2019). **Smart Growth** and Sustainable Transport in Cities, *Routledge Press*, London, United Kingdom.
- **Shakibamanesh, A.**, Ghorbanian, M. (2014), "City Center; From Theory to Urban Design Guidelines" (in Persian), Tahan Press, Tehran, Iran.
- **Shakibamanesh, A.** (2011), "Passive Defense Considerations in Urban Design" (in Persian), Boostane Hamid Press, Tehran, Iran.
- **Shakibamanesh, A.**, Khaksari, A and Ghorbanian, M. (2006), "Urban Districts in Iran (in Persian), Second Edition, Institute for Humanities and Cultural Studies Press, Tehran, Iran.
- **Shakibamanesh, A.**, Ghorbanian, M. (2006), "Planning Environmental Conditions; Principles of Urban Climatology" (in Persian), Fifth Edition, Tahan Press, Tehran, Iran.
- **Shakibamanesh, A.**, (2005), "Fundamentals and Principles of Color Design in Architecture and Urban Design" (in Persian), Fifth Edition, Helleh Press, Tehran, Iran.

B: PEER REVIEWED BOOK CHAPTERS

- **Shakibamanesh, A.**, Ebrahimi, B. (2020), "Toward Practical Criteria for Analyzing and Designing Urban Blocks". In "Sustainability in Urban Planning and Design" by Amjad Almusaed. Intechopen Press.
- **Shakibamanesh, A.**, Ghorbanian, M. (2015), "Improving City Resistance In War: Planning Major Transportation Terminals Based On Passive Defense Considerations". In "Cities and Disasters" by Downey, D. C. (pp. 111-132). *Routledge Press*, London, United Kingdom
- **Shakibamanesh, A.**, Ghorbanian, M. (2016), "Using Advanced Approaches in Urban Design Researches: A Mutation from 3D Digital Models to Virtual Reality". In Mobile Computing and Wireless Networks: Concepts, Methodologies, Tools, and Applications (pp. 2281-2308). IGI Global, Pennsylvania, United States

C: BOOK (TRANSLATION FROM ENGLISH INTO PERSIAN)

- NACTO., I. (2013). "Urban Street Design Guide". Island Press/Center for Resource Economics. Translated by: **Shakibamanesh, A.**, Ghorbanian, M. (2017), Tehran Art University Press, Tehran, Iran.
- Talen, E. (2012). "City Rules: How Regulations Affect Urban Form". Island Press. Translated by: **Shakibamanesh, A.**, Mirgholami, M. (2017), Tehran Urban Research & Planning Center, Tehran, Iran.
- Paumier, C. B. (2004). "Creating a Vibrant City Center: Urban Design and Regeneration Principles". Urban Land Inst. Translated by: **Shakibamanesh, A.**, and Behzadfar, M. (2010), Iran Science and Technology University Press, Tehran, Iran.
- Meeda, B., Parkyn, N., & Walton, D. S. (2007). "Graphics for urban design". Thomas Telford. Translated by: **Shakibamanesh, A.**, Ghorbanian, M. (2012). Tahan Press, Tehran, Iran.

D: JOURNAL PUBLICATIONS

- **Shakibamanesh, A;** Kokabi, M (Under Review), "Investigating Mass-Space System to Reach an Optimal Model for Analyzing Visibility Among Buildings and Public Open Spaces Using Three-Dimensional Isovist (Case study: Persian Gulf Lake Area, Tehran, Iran)"
- **Shakibamanesh, A;** Ajidanpoor, M (Under Review), "Investigating the Effect of Physical Structure

and Spatial Configuration on the Quality of Pedestrian Soundscape Experience in Public Spaces Using Virtual Reality (Case study: Valiasr Square to Jihad Square, Tehran)

- **Shakibamanesh, A.**, Kariminiya, F. (2020), "Using Network-Based Analysis to Measure the Physical Resilience of Urban Neighborhoods; (Case Study: Sanglaj Neighborhood in Tehran)", *Journal of Resilient City (JRC)* (Under Publication).
- **Shakibamanesh, A.**, Kokabi, M. (2020), "Investigating the Visibility of Historical Elements in Urban Landscape; Using Two-Dimensional Isovist Analysis (Case study: Tehran Golestan Palace)", *ANDISHNAME; Journal of Urban planning and Design*, Vol 1, No. 1.
- **Shakibamanesh, A.**, Ghorbanian, M. (2018), "Effects of Urban Spatial Configurations and Physical Structures on Pedestrians' Perception of Subjective Duration", *Interaction Design and Architecture(s)*, No.36.
- **Shakibamanesh, A.**, Ghobai, P, Ayashm, M. (2018). "Investigating the Effect of Urban Squares Visibility on the Psychological Security of Pedestrians Using the Three-Dimensional Isovist Technique (Case Study: the Saat Square and Namaz Square of Tabriz)" (in Persian), *Iranian Association of Architecture & Urbanism Journal*, Iran University of Science & Technology.
- **Shakibamanesh, A.**, & Ghorbanian, M. (2017). "Toward time-based design: Creating an applied time evaluation checklist for urban design research". *Frontiers of Architectural Research*, 6(3), 290-307
- Aali, A., Haghparast, F., Maleki, A., **Shakibamanesh, A.** and Ghobadi, P. (2017). "Optimum Form and Placement of Urban Blocks to Maximize the Use of Solar Energy – A Case Study", *International Journal of Optimization in Civil Engineering*, Vol 7, No. 4.
- **Shakibamanesh, A.**, Hakimi, Y. (2017). "The Effect of physical Space Visibility on the Pedestrians Behavior in Urban Squares Using 3D Isovist Analysis (Case Study: Sabze Meydan Square in Tehran)", *Journal of Urban Studies*, Volume 7, Issue 25.
- Mirgholami, M., Medghalchi, L., **Shakibamanesh, A.**, Ghobadi, P. (2016). "Developing Criteria for Urban River Restoration Based on Biophilic and Water Sensitive Approaches", *Manzar Journal*, Vol 36
- **Shakibamanesh, A.** (2015). "Secure Urban Design in Terms of Passive Defense Approach; Analytical Considerations for Improving Form-based Characteristics in Iranian Cities", *Armanshahr Architecture & Urban Development journal*, Vol 7, No. 14.
- **Shakibamanesh, A.** (2015). "Public Shelters Design and Planning Considerations: Towards Secure Urban Design in Terms of Passive Defense", *Geografia - Malaysian Journal of Society and Space*, Vol. 11, No. 3.
- **Shakibamanesh, A.** (2014). "Improving results of urban design research by enhancing advanced semi-experiments in virtual environments". *International Journal of Architecture & Urban Planning*, Iran University of Science & Technology, 24(2), 131-141.
- **Shakibamanesh, A.**, Ghorbanian, M., Nazari, S. (2014), "Railway and Subway Design Considerations: Toward Secure Urban Design in Terms of Passive Defense", *International Journal of Academic Research*, Vol. 6, No. 1.
- **Shakibamanesh, Amir**, Behzadfar, Mostafa. (2014), "Investigation on Philosophy of Place Phenomenology; Analytical Exploration of David Seamon's Viewpoints about Home as a Place", (in Persian), *Hoviate Shahr Journal (Islamic Azad University Scientific – Research Journal)*, Vol.4, No. 3.
- **Shakibamanesh, A.**, Behzadfar, M., Alalhesabi, M. (2014), "Urban Design Based on Deliberate Distortions in Depth and Distance Perception; from Cue Approach to Practical Optical Illusions", (in Persian), *NaghsheJahan Journal (Basic studies and New Technologies of Architecture and Planning (Tarbiat Modares University Scientific – Research Journal))*, Vol 1, No 4.
- **Shakibamanesh, A.** (2011). "Non-Structural Lid Alternative Design Considerations For Urban Circulation Planning, and Design". *International Journal of Academic Research*, 3(1).
- **Shakibamanesh, A.**, Behzadfar, M. (2011), "Promoting City Center Parking Qualities by Using Urban Design Guidelines", *International Journal of Architecture & Urban Planning*, Iran University of

Science & Technology, Vol. 21, No. 1.

- **Shakibamanesh, A.**, Daneshpour, A. (2011), "Compact City; Dose It Create an Obligatory Context for Urban Sustainability?" International Journal of Architecture & Urban Planning, Iran University of Science & Technology, Vol. 21, No. 2.
- **Shakibamanesh, A.**, Shie, E. (2012), "Strategic (Spatial) Planning; an Efficient Approach in Urban Planning System", (in Persian), Iranian Association of Architecture & Urbanism Journal, Iran University of Science & Technology, Vol. 1, No. 2.
- **Shakibamanesh, A.**, Behzadfar, M. (2008), "The Location of Design Guidelines in Urban Design Process and Their Role in Promoting Urban Spaces Quality", Armanshahr Architecture & Urban Development journal, Vol 1, No. 1.
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E: CONFERENCE PRESENTATIONS

- **Shakibamanesh, A.** (2019), "Using Advanced Methods & Techniques in Urban Researches: A Mutation from 3D Digital Models to Interactive Simulations with Emphasis on Virtual Reality", Presentation at the Roundtable: Regional Planning And Design From Theory To Practices, Planning for Transition Conference, 9-13 July, Iuav University, Venice, Italy.
- **Shakibamanesh, A.**, Ajidanpour, N (2019), "Neighborhood Center Design with Emphasis on Improving the Quality of the Audio Landscape (Case Study: Sangalaj Neighborhood in Tehran)" ,6th National Congress on Civil Engineering, Architecture and Urban Development, December 10-12, 2019, Iran University of Science and Technology, Tehran , Iran.
- **Shakibamanesh, A.**, Manzouri, S (2019), "Investigating the Effect of Space Form on Users' Movement Patterns; Using 3D Modeling in the Autodesk Revit", First International Conference on Knowledge-Based Civil Engineering, Architecture And Urbanism, November 11, 2019, Islamic Azad University, Science and Research Branch, Tehran, Iran.
- **Shakibamanesh, A.**, Rezayian, M; Gholizade, Y (2018), "Using Geographic Information System (GIS) in Visual Axis Analysis and Visual Barriers (Case Study: Tabriz Citadel)", 3rd.International Conference on Civil Engineering, Architecture and Urban Design, September 5-7, 2018, Islamic Art University, Tabriz, Iran.
- **Shakibamanesh, A.**, Rezayi, N (2018), "Analysis of Urban Traffic Accidents with SANET Software (Case Study: District 8 of Tabriz)", 3rd.International Conference on Civil Engineering, Architecture and Urban Design, September 5-7, 2018, Islamic Art University, Tabriz, Iran.
- **Shakibamanesh, A.**, Ebrahimi, B (2018), "Analytical Review on the Application of Parametric Modeling in Urban Design", international conference on Civil engineering and urban management in Iran, August 5-7, 2018, Tehran University, Tehran, Iran.
- **Shakibamanesh, A.**, Akhavan, S. (2017), "Implementing Visual Landscape Concept to fit the urban space for the blinds", 5th.International Congress on Civil Engineering, Architecture and Urban Development, December 26-28, 2017, Shahid Beheshti University, Tehran, Iran.
- **Shakibamanesh, A.**, Ebrahimi, B. (2017), "An Investigation into the Concept of Urban Blocks based on Four-Dimensional Approaches; Sustainable Development, Social Block, Gestalt, and Pedestrian-Oriented Development", 7th International Conference on Sustainable development & Urban Construction, December 14, 2017, Isfahan, Iran.
- **Shakibamanesh, A.**, T.Hashemi, S. (2017), "Investigating the Effect of Visibility of Urban Spaces on Their Legibility (Case Study: Tehran Aminolmolk Street)", 3rd International Congress on New Horizons in Architecture and Planning (HIAP, 2017), Tarbiat Modares University, Tehran, Iran.
- **Shakibamanesh, A.**, Ghasemi, N. (2016), "The Effect of Urban Physical Features on the Reliability of Pedestrians Mental Images; Using Quasi-Tests in a Virtual Environment (Case Study: Bahar Avenue, Tehran 7th District)", The Second International Conference On Urbanism, Urban Management And

Development Kharazmi, December 12, 2016, Shiraz, Iran.

- **Shakibamanesh, A.**, Alimardaniyan, P. (2016), "Using Design Guidelines in Order to Achieve a Healthy City Paradigm in Urban Neighborhoods: An Effort to Promote Public Health", 2nd International Congress on New Horizons in Architecture and Planning (HIAP, 2017), Tarbiat Modares University, Tehran, Iran.
- **Shakibamanesh, A.**, Shokoofan, F. (2016), "Investigating the Relationship between Place and Behavior in order to Create a Successful Public Space; Case Study: Aminolmolk Street, Tehran", Second International Conference in New Research on Civil, Architectural & Urban management, Tehran, Iran.
- **Shakibamanesh, Amir.** (2013), "Virtual Reality as a Tool for Urban Design", 2nd Basic and Clinical Neuroscience Congress, Tehran, Iran.
- **Shakibamanesh, Amir.** (2013), "Analyzing Iranian - Islamic Identity of Urban Public Arts", Beautification Conference, Shiraz, Iran.
- **Shakibamanesh, Amir.** (2010), "The Location of Design Guidelines in Urban Design Process and their Role in Promoting Urban Spaces Quality", IACA-8 2010 (8th International Architectural Conference), Egypt.
- **Shakibamanesh, Amir.** (2010), "Climatic Design Guidelines in Tehran, Iran with Emphasis of Wind and Sun Radiation", ICSAUD 2010 (International Conference on Sustainable Architecture & Urban Design), Malaysia.
- **Shakibamanesh, Amir.** (2010), "Sustainable Green Corridor as Breathing Spaces: Ecological Effects on City", ICSAUD 2010 (International Conference on Sustainable Architecture & Urban Design), Malaysia.
- **Shakibamanesh, Amir.** (2009), "Passive Defense, Public Shelters Design and Planning Considerations", 4th International Conference on Disaster Management & Civil Defense for National Resiliency (INDM 2009), Tehran, Iran.
- **Shakibamanesh, Amir.** (2009), "Passive Defense, Railways and Subways Design and Planning Consideration", 4th International Conference on Disaster Management & Civil Defense for National Resiliency (INDM 2009), Tehran, Iran.
- **Shakibamanesh, Amir.** (2009), "Key Urban Design Principles for Promoting City Center Quality", PPGC 2009 (Positioning Planning In Global Crises), Bandung, Indonesia.
- **Shakibamanesh, Amir.** (2009), "Passive Defense, Public Shelters Design and Planning Considerations", PPGC 2009 (Positioning Planning In Global Crises), Bandung, Indonesia.
- **Shakibamanesh, Amir.** (2009), "Urban Texture Design Consideration in Passive Defense Vision", ICCST (2009) International Carnahan Conference on Security Technology, Zurich, Switzerland.
- **Shakibamanesh, A.** (2008), "Investigating on City Centers Problems; Finding Criteria to determine their Effect Range", Zagros Traditional Settlements International Conference, Sanadaj, Iran.
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ACADEMIC EXPERIENCES

SEPTEMBER 2018 – PRESENT: ASSOCIATE PROFESSOR, Department of Urban Design, Faculty of Architecture and Urban Studies, Tehran Art University ,Tehran, Iran.

SEPTEMBER 2013 – 2018: ASSISTANT PROFESSOR, Department of Urban Design, Faculty of Architecture and Urban Studies, Tehran Art University ,Tehran, Iran.

2013- PRESENT: VISITING ASSISTANT PROFESSOR, Department of Urban Design, Faculty of Architecture and Urbanism, Tabriz Islamic Art University, Tabriz, Iran.

2018: VISITING ASSISTANT PROFESSOR, Department of Computer Arts (Computer Games Production), Faculty of Multimedia, Tabriz Islamic Art University, Tabriz, Iran.

2014-2015: VISITING ASSISTANT PROFESSOR, Faculty of Architecture and Urban Studies, Tehran University, Aras International Campus, Jolfa, Iran.

2013- 2014: VISITING ASSISTANT PROFESSOR, Department of Urban Studies, School of Architecture and Environmental Design, Iran Science and Technology University, Tehran, Iran.

2011- 2012: GUEST LECTURER, Department of Urban Design, Faculty of Architecture and Urban Studies, Tehran Art University ,Tehran, Iran.

2010- 2012: GUEST LECTURER, Faculty of Multimedia, Tabriz Islamic Art University, Tabriz, Iran.

2009- 2013: GUEST LECTURER, Faculty of Architecture and Urbanism, Tabriz Islamic Art University, Tabriz, Iran.

2008- 2009: GUEST LECTURER, Department of Urban development, Faculty of Architecture, Urban & Art, Urmia University, Urmia, Iran.

EXECUTIVE - ACADEMIC RESPONSIBILITIES

2016-PRESENT- DIRECTOR OF VIRTUAL REALITY AND MODERN TECHNOLOGIES LAB (with application in Urban Design and Architecture), Faculty of Architecture and Urban Studies, Tehran Art University, Tehran, Iran.

2015- PRESENT- HEAD OF ART UNIVERSITY KARAJ CAMPUS, Tehran Art University, Karaj, Iran.

2015-2018- HEAD OF "FARABI INTERNATIONAL CAMPUS" at Tehran Art University ,Tehran, Iran.

2020- COLLABORATION WITH THE CENTER FOR INTERNATIONAL SCIENTIFIC STUDIES & COOPERATION, IRAN Ministry of Science, Research and Technology, Tehran, Iran.

2019-2020- MEMBER OF URBAN SPACE COMMITTEE OF TEHRAN MUNICIPALITY BEAUTIFICATION ORGANIZATION, Tehran, Iran.

2019- PRESENT - MEMBER OF THE UNIVERSITY'S OFFICE OF TECHNICAL AFFAIRS & CIVIL PLANS COUNCIL, Tehran Art University ,Tehran, Iran.

2017- PRESENT- MEMBER OF ART UNIVERSITY INTERNATIONAL COUNCIL, Tehran Art University ,Tehran, Iran.

2017- PRESENT- MEMBER OF THE PH.D. COUNCIL OF URBAN STUDIES, Tehran Art University, Tehran, Iran.

2016- PRESENT- EXECUTIVE HEAD AND MEMBER OF THE UNIVERSITY'S PLANNING COMMITTEE FOR DEVELOPMENT OF ART AND CULTURAL INDUSTRIES PLARK, Tehran Art University ,Tehran, Iran.

2019- PRESENT- MEMBER OF THE TECHNOLOGY INCUBATORS AND THE DEVELOPMENT CENTER OF THE UNIVERSITY OF ART, Tehran Art University ,Tehran, Iran.

2019- REPRESENTATIVE OF ART UNIVERSITY IN MEMORANDUM OF UNDERSTANDING BETWEEN UNIVERSITY OF ART, TEHRAN AND THE UNIVERSITY OF FLORENCE

2016 AND 2017- MEMBER OF THE JURY OF THE NINTH AND TENTH NATIONAL FESTIVAL OF HARKAT, Ministry of Science, Research and Technology, Iran.

2016- MEMBER OF THE JURY OF THE NATIONAL COMPETITION OF LOCAL FACADES, GLOBAL CITY, Tabriz Municipality, Deputy Mayer for Urban and Architectural Engineering, Tabriz, Iran.

2014- 2016- VICE CHANCELLOR FOR RESEARCH at Faculty of Architecture and Urban Studies, Tehran Art University ,Tehran, Iran.

2015- 2016- MEMBER OF THE WORKING GROUP FOR DEVELOPMENT OF THE DATABASE OF URBAN AND ARCHITECTURAL ENGINEERING IDEAS, Tehran Municipality, Tehran Urban Research, and Planning Center, Tehran, Iran.

2015- 2016- MEMBER OF THE ALBORZ PROVINCE CULTURAL HERITAGE SOCIETY, Karaj, Iran.

2014- 2016- MEMBER OF ART UNIVERSITY RESEARCH AND TECHNOLOGY COUNCIL, Tehran Art University ,Tehran, Iran.

TEACHING EXPERIENCES

PH.D

- **ADVANCED URBAN RESEARCH METHODS AND TECHNIQUES (BASED ON COMPUTER MODELING AND SIMULATION)**, Faculty of Architecture and Urban Studies, Tehran Art University, Tehran, Iran (2018-Present).

MASTER OF URBAN DESIGN & PLANNING

- **METHODS & TECHNIQUES IN URBAN DESIGN**, Tehran Art University ,Tehran, Iran (2016- Present) and Tabriz Islamic Arts University, Tabriz, Iran (2013- Present).
- **URBAN DESIGN STUDIO 1 (DISTRICT SCALE)**, Tehran Art University ,Tehran, Iran (2017- Present) and Tabriz Islamic Arts University, Tabriz, Iran (2013- Present).
- **URBAN STUDIES STUDIO 5 (LAND PREPARATION AND DEVELOPMENT)**, Faculty of Architecture and Urban Studies, Tehran Art University, Tehran, Iran (2013-2014).
- **URBAN PLANNING STUDIO 1 (CITY SCALE)**, Department of Urban Planning, University of Tehran, Aras Campus, Jolfa, Iran (2013-2014).
- **URBAN HISTORY**, Department of Urban Planning and Design, School of Architecture and Urban Studies, Iran University of Science and Technology, Tehran, Iran (2013-2014) and Department of Urban Planning, University of Tehran, Aras Campus, Jolfa, Iran (2013-2014).
- **URBAN SPACE, FORM AND SHAPE ANALYSIS**, Department of Urban Design, University of Tabriz Islamic Arts, Tabriz, Iran (2013-2014).
- **COGNITION AND ANALYZING URBAN OPEN SPACES**, Department of Urban Planning, University of Tehran, Aras Campus, Jolfa, Iran (2013-2014).
- **FUNDAMENTALS OF URBAN DESIGN AND PLANNING**, Department of Urban Planning, University of Tehran, Aras Campus, Jolfa, Iran (2013-2014).

MASTER OF COMPUTER ARTS (COMPUTER GAMES PRODUCTION)

- **DESIGN AND VISUALIZATION (2)**, Department of Computer Arts (Computer Games Production), Faculty of Multimedia, Tabriz Islamic Art University, Tabriz, Iran (2018).

BACHELOR OF URBAN STUDIES AND ARCHITECTURE

- **ENGLISH FOR URBAN DESIGNERS AND PLANNERS**, Department of Urban Planning and Design, School of Architecture and Urban Studies, Tehran Art University, Tehran, Iran (2013-Present).
- **URBAN STUDIES STUDIO 3 (NEIGHBORHOOD DESIGN)**, Department of Urban Planning and Design, School of Architecture and Urban Studies, Tehran Art University, Tehran, Iran (2012-Present) and Department of Urban Studies, School of Art, Urmia University, Urmia, Iran (2010-2011).
- **URBAN STUDIES STUDIO 2 (DATA COLLECTION, DATA ANALYSIS, FORMULATION OF GOALS & OBJECTIVES)**, Department of Urban Planning and Design, School of Architecture and Urban Studies, Tehran Art University, Tehran, Iran (2013-Present) and Department of Urban Studies, School of Art, Urmia University, Urmia, Iran (2010-2011).
- **URBAN UTILITIES AND INFRASTRUCTURES**, Department of Urban Planning and Design, School of Architecture and Urban Studies, Tehran Art University, Tehran, Iran (2013-2014).
- **PERCEPTION AND PRESENTATION OF URBAN ENVIRONMENT**, Department of Architecture, Tabriz Islamic Art University, Tabriz, Iran (2010- 2014).
- **ARCHITECTURAL PRESENTATION**, Department of Architecture, Tabriz Islamic Art University, Tabriz, Iran (2012- 2013).

BACHELOR OF MULTIMEDIA

- **VIRTUAL REALITY STUDIO 1 (CREATING VIRTUAL SPACES IN ACCORDING TO ACHIEVE DIFFERENT HUMAN SENSES)**, Department of Computer Arts (Computer Games Production), Faculty of Multimedia, Tabriz Islamic Art University, Tabriz, Iran (2010-2014).

SUPERVISORSHIPS

DOCTORAL (IN PROGRESS)

- Ahmadpoor, Narges (in progress), "Investigating the Effects of Physical Configuration on Space Readability from Pedestrian Viewpoint; Using EEG in Virtual Environment", Urban Studies Ph.D. Candidate, Faculty of Architecture and Urban Studies, Tehran Art University ,Tehran, Iran.

MASTER (COMPLETED)

- Ajidanpour, N (2020), "Using Virtual Reality to Investigate the Effect of Physical Structure and Urban Configuration on the Quality of Pedestrian's Soundscape Experience in Public Spaces (Case Study: Valiasr street- Tehran)", Master of Urban Design, Department of Urban Design, Tehran Art University ,Tehran, Iran.
- Kokabi, M (2020), " Analyzing the Mass-Space 3D Relationship System to Achieve Optimum Visibility Between Urban Buildings and Public Spaces; Using 3D Isovist Technique (Case Study: Persian Gulf Lake in Tehran)", Master of Urban Design, Department of Urban Design, Tehran Art University, Tehran, Iran.
- Haghighatnejad, K (2020), "Using Augmented Reality to Guide the User in Reducing Energy Consumption in Residential Buildings", Master of Energy in Architecture, Department Architecture, Tehran Art University, Tehran, Iran.
- Karimiyan, B (2020), "Investigating the Relationship Between Spatial Configuration and Walkability

in Urban Neighborhoods (Case Study: Valiasr Neighborhood, Tehran)", Master of Urban Design, Department of Urban Design, Tehran Art University, Tehran, Iran.

- Kariminiya, F (2019), "Designing the Form and Texture of Urban Neighborhoods with the Approach of Physical Resilience Enhancement (Case study: Sanglaj Neighborhood in Tehran)", Master of Urban Design, Department of Urban Design, Tehran Art University, Tehran, Iran.
- Amiri, M (2019), "Designing High-Rise Building with BIM Approach; Using Virtual Reality", Master of Architecture, University of Tehran, Tehran, Iran.
- Sadra, Safoora (2019), "Effect of 3D Configuration on Pedestrian Perception by Using EEG in Virtual Reality Environment", Master of Urban Design, Department of Urban Design, Tehran Art University, Tehran, Iran.
- Moosavi, Seyed Yoosef (2019), "Three-Dimensional Sound Presentation in Urban Space for Placement to Optimize Industrial Land Use with Using of GIS, (Case Study: District 3 of the 12th District of Tehran)", Master of Urban Planning, Department of Urban Planning, Tehran Art University, Tehran, Iran.
- Shayanpoor, Ashkan (2018), "Using Virtual Reality in the Construction and Maintenance of Prefabricated Residential Complexes", Master of Digital Architecture, Department of Architecture, Tehran University, Tehran, Iran.
- Ebrahimi, Bita (2018), "Spatial Organization of Urban Blocks; Using Parametric Design Method (Case Study: Part of the Central Texture of the 12th District in Tehran)", Master of Urban Design, Department of Urban Design, Tehran Art University, Tehran, Iran.
- Hesami, Siyamand (2018), "Survey the Impact of Urban Neighborhoods Form on Climatic Comfort with Emphasize on Wind Flow (Case Study: Central Fabric of Sanandaj City)", Master of Urban Design, Department of Urban Design, Tehran Art University, Tehran, Iran.
- Rabie, Mohamad (2018), "Designing Sustainable Urban Blocks In Warm And Dry Climate; Using Parametric Design Method", Master of Urban Design, Islamic Azad University, Tehran, Iran.
- Davoodi, Alaa (2017), "Taking Advantage of Augmented Reality System to Improve the Scientific and Practical Process of Urban Facades Design", Master of Multimedia, Department of Computer, Razi University, Kermanshah, Iran
- Zanganeh, Sakineh (2017), "Improving Ecological Quality of Urban Spaces with Low Urban Impact Development (LIUDD) Approach (Case Study: Tehran's Sangalaj Neighborhood)", Master of Urban Design, Department of Urban Design, Tehran Art University, Tehran, Iran.
- Seyed Ali, Elahe (2017), "Organizing Urban Pavements Bulkhead with an Emphasis on a Sense of Dynamism and Motion (Case Study: Moalem Pavements, Ghom)", Master of Urban Design, Department of Urban Design, Tehran Art University, Tehran, Iran.
- Akhavan, Setare (2017), "Designing Cities to Improve the Quality of Soundscape; Towards a Better Pedestrian Experience (Case Study: Taatre- e- Shahr, Tehran)", Master of Urban Design, Department of Urban Design, Tehran Art University, Tehran, Iran.
- Talebi, Soheila (2016), "Recreation of Urban Squares Identity; Toward Making the Sense of National Unity (Baharestan Square in Tehran)", Master of Urban Design, Department of Urban Design, Payame Noor University, Tehran, Iran.
- Khalife Gholi, Aleme (2017), "Simulating the Wind Effect in Designing the Forms of Urban Open Spaces in order to Improve Environmental Comfort (Case Study: Sanglaj Neighborhood in Tehran)", Master of Urban Design, Department of Urban Design, Tehran Art University, Tehran, Iran.
- Hakimi, Yasaman (2017), "The Effect of Built Space Visibility on Some Types of Pedestrian Behavior in Urban Squares (Using 3D Isovist Analysis); A Case Study from Tehran, Sabze Meydan square", Master of Urban Design, Department of Urban Design, Tehran Art University, Tehran, Iran.
- Jelvani, Matin (2016), "Analytical Study of the Morphology to Enhance the Physical Identity of Urban District; Using the Space Syntax Method", Master of Urban Planning, Aras International Campus, Tehran University, Tehran, Iran.

- Aghazade, Mohamad (2016), "Distribution Pattern Analysis of Industrial Infrastructures based on Passive Defense Approach (A Case Study: Tabriz Town)", Master of Urban Planning, Aras International Campus, Tehran University, Tehran, Iran.
- ...

MASTER (IN PROGRESS)

- Ashouri, R (in progress), "Investigating the Relationship between Visibility and Perception of Urban Facades; Using Eye Tracking Technique in Virtual Environment (Case Study: Bahonar Street, Tehran)", Master of Urban Design, Department of Urban Design, Tehran Art University, Tehran, Iran.
- Manzouri, S (in progress), "Behavioral Study on Pedestrian Movement Patterns in Urban Spaces According to Their Attention to Build Environment with the Use of Eye Tracking in Virtual Environment", Master of Urban Design, Department of Urban Design, Tehran Art University, Tehran, Iran.
- Mojadami, F (in progress), "Extracting Hidden Form-Based Codes from Traditional Neighborhoods of Tehran; Towards Optimizing Codes in the Parametric Design Process of New Neighborhoods", Master of Urban Design, Department of Urban Design, Tehran Art University, Tehran, Iran.
- Ebadi, H (in progress), "Promoting the Role of Historic-Tourist Places in Urban Structure with Connected Network Approach; Using the UNA Method (Case Study: District 12 of Tehran Municipality)", Master of Urban Design, Department of Urban Design, Tehran Art University, Tehran, Iran.
- Veisi, O (in progress), "Study effect of Morphological Indices of Urban Block Design on Improvement of Passive Solar Energy Absorption Levels (Case Study: Kermanshah City in Iran)", Master of Urban Design, Department of Urban Design, Tehran Art University, Tehran, Iran.
- Niyakan, M (in progress), "The Effects of Outdoor Thermal Comfort on Social Behavior in Hot and Humid Climate Case Study: Ahvaz City", Master of Urban Design, Department of Urban Design, Tehran Art University, Tehran, Iran.
- Kia, H (in progress), "Promoting the Role of Historic-Tourist Places in Urban Structure with Connected Network Approach; Using the UNA Method (Case Study: District 12 of Tehran Municipality)", Master of Urban Design, Department of Urban Design, Tehran Art University, Tehran, Iran.
- ...

BACHELOR (COMPLETED)

- Khaleghinia, A (2019), "Facilitate Public Participation Using the Virtual Reality Tool (Case Study: Central Context of Tehran (Islamic Republic of Iran))", BA in Urban Studies, Department of Urban Studies, Tehran Art University ,Tehran, Iran.
- Sehhat, H (2019), "Designing Pedestrian-friendly Downtown by Analyzing Connectivity Principle; Using Space Syntax Method (Case Study: Central Context of Tehran)", BA in Urban Studies, Department of Urban Studies, Tehran Art University ,Tehran, Iran.
- Farahbod, A (2019), "The Effect of Street Design on Pedestrian Thermal Comfort with Emphasis on Wind (Case Study: Ferdowsi Street in District 12 of Tehran Municipality)", BA in Urban Studies, Department of Urban Studies, Tehran Art University ,Tehran, Iran.
- Paat, A (2018), "Investigating the Effect of Form on Urban Wayfinding", BA in Urban Studies, Department of Urban Studies, Tehran Art University ,Tehran, Iran.
- Ebrahimi, M (2018), "Exploring the Smart City Criteria with an Emphasis on Sustainable Transportation", BA in Urban Studies, Department of Urban Studies, Tehran Art University ,Tehran,

Iran.

- Hadayeghi, Hooman (2018), "Form Effects on Urban Walkability", BA in Urban Studies, Department of Urban Studies, Tehran Art University ,Tehran, Iran.
- Keykhosravi, Farjad (2017), "The Effect of Visibility of Urban Streets on mental Safety of Pedestrians", BA in Urban Studies, Department of Urban Studies, Tehran Art University ,Tehran, Iran.
- Jalali, Mohamad (2016), "City Lighting Design for increasing the security of Streets (Case Study: Nezam Abad Neighborhood in District 7 of Tehran)", BA in Urban Studies, Department of Urban Studies, Tehran Art University ,Tehran, Iran.
- Ghasemiaghdam, N and Jalilzadeh, R (2016), "The Effect of Urban Physical Features on the Reliability of Pedestrians Mental Images; Using Quasi-Tests in a Virtual Environment (Case Study: Bahar Avenue, Tehran 7th District)", BA in Urban Studies, Department of Urban Studies, Tehran Art University ,Tehran, Iran.
- Hoseinpoor, Miad (2016), "Analyzing Urban Spatial Separation; Using Urban Network Analysis Tool (Bahar and Nezamabad Neighborhoods)", BA in Urban Studies, Department of Urban Studies, Tehran Art University ,Tehran, Iran.
- Alimardaniyan, Parto (2015), "Urban Design Based on the Healthy City Approach; Toward Improving the Physical Health of Citizens (Case Study: Emamzadeh Hassan, Tehra)", BA in Urban Studies, Department of Urban Studies, Tehran Art University ,Tehran, Iran.
- Taefehashemi, Sepideh (2015), "Effect of Visibility on Urban Spaces Legibility", BA in Urban Studies, Department of Urban Studies, Tehran Art University ,Tehran, Iran.
- Shokoofan, Farnaz (2015), "Pedestrian Friendly Urban Street Design", BA in Urban Studies, Department of Urban Studies, Tehran Art University ,Tehran, Iran.
- Hakimi, Yasaman (2014), "Improving the Quality of Pedestrian Paths with Emphasis on Behavioral Studies (Case study: Vahdat Eslami Street in Tehran)", BA in Urban Studies, Department of Urban Studies, Tehran Art University ,Tehran, Iran.
- Sadeh, Saman (2014), "Revitalization of Historical Streets in City Centers; Using the Principles and Criteria of Successful Global Experiences. Case Study: Hafez Street in Tehran)", BA in Urban Studies, Department of Urban Studies, Tehran Art University ,Tehran, Iran.
- Dejkhah, Amir (2014), "Improving The Physical Structure of Urban Spaces in order to Crime Prevention", BA in Urban Studies, Department of Urban Studies, Tehran Art University ,Tehran, Iran.
- Mirakhorli, Melika (2014), "Analyzing Elements of Street Facades in order to Improve the Identity of Place (Case study: Hassan Abad square in Tehran)", BA in Urban Studies, Department of Urban Studies, Tehran Art University ,Tehran, Iran.
- Mottaghi, Arman (2014), "Improving the Vitality of Urban Space by Analyzing Pedestrian Flow; Using Space Syntax Method", BA in Urban Studies, Department of Urban Studies, Tehran Art University , Tehran, Iran.
- Jorjani, Salim (2014), "Design Neighborhoods with Low Impact Development Approach (Case Study: Sangalj Neighborhood in Tehran)", BA in Urban Studies, Department of Urban Studies, Tehran Art University ,Tehran, Iran.
- Azimi, Khatereh (2014), "Designing a Computer Game Environment Based on Iranian Architecture", BA in Multimedia, Department of Multimedia, Tabriz Islamic Art University, Tabriz, Iran.
- Mohammadi, S., Fathollahirad, P. (2013), "Investigating the Physical Structure and Software Systems of VR CAVE LABs", BA in Multimedia, Department of Multimedia, Tabriz Islamic Art University, Tabriz, Iran.
- Moslemi, Ali (2013), "Studying the Potentialities of Monumental Buildings for Creating Virtual fantasy Spaces", BA in Multimedia, Department of Multimedia, Tabriz Islamic Art University, Tabriz, Iran.
- Karimi, Kianoosh (2013), "Analyzing the Virtual Spaces Background Effect in Users Sense of Fear", BA in Multimedia, Department of Multimedia, Tabriz Islamic Art University, Tabriz, Iran.

- Esmailpour, Mandana (2011), "Using Citizens Participation in Promoting Urban Management", BA in Urban Studies, Department of Urban Development, Urmia University, Urmia, Iran.
- Nazari, Shiva (2010), "Promoting Neighborhoods Identity (Case Study: Tandirchilar Neighborhood in Urmia City)", BA in Urban Studies, Department of Urban Development, Urmia University, Urmia, Iran.
- Hasanzade, Mojtaba (2010), "Improving Urban Spaces by Using Place Making Approach in Urban Design (Case Study: Ghods City)", BA in Urban Studies, Department of Urban Development, Urmia University, Urmia, Iran.
- Shaddel, Ebad (2010), "Design Guidelines for Children Parks", BA in Urban Studies, Department of Urban Development, Urmia University, Urmia, Iran.

DISSERTATIONS ADVISOR (DOCTORAL)

- Pooyan, A (2019-in progress), "Principles of Wayfinding Process Improvement in Therapeutic Spaces and Facilitating Behavioral Dynamics- Using Neuroscience Approach", Ph.D. candidate of Architecture, Shahid Rajaei Teacher Training University, Tehran, Iran.
- Sedaghat, K (2019-in progress), "Defining the Principles and Components of Efficiency and Success of Small Urban Spaces (Case Study: Small Urban Squares of Historical Fabric of Esfahan)", Ph.D. candidate of Urban Planning, Art University, Tehran, Iran.

DISSERTATIONS ADVISOR (MASTER)

- Aali, Alireza (2017), "Designing a Neighborhood Based On Low-Carbon Approach", Master of Urban Design, Tabriz Islamic Art University, Tabriz, Iran.
- Ghobadi, Parisa (2017), "Urban River Restoration Based on Biophilic and Water Sensitive Approaches", Master of Urban Design, Tabriz Islamic Art University, Tabriz, Iran.
- Amin, Ali (2017), "Urban Design Guidelines for Improving Quality of Small Public Urban Spaces (Case Study: Bagh e Saba Neighborhood, Tehran)", Master of Urban Design, Tarbiyat Modarres University, Tehran, Iran.
- Sotoodeh, Arman (2015), "Creating Vibrant City Centers through Urban Design (Case Study: Designing the City Center of Marivan in Iran)", Master of Urban Design, Tabriz Islamic Art University, Tabriz, Iran.
- Shokrani, Mahsa (2014), "Analyzing the Impact of the Urban Spaces Form on Incidence of Environmental Crime- An Integrated Analysis; Using Space Syntax and Isovist (Case Study: Neighborhoods of Urmia City)", Master of Urban Design, Tabriz Islamic Art University, Tabriz, Iran.
- ...

GRANTS AND FUNDED RESEARCHES

2019. A short-term research fund from the **EUROPEAN URBAN PLANNERS ASSOCIATION (AESOP)**, Aesop Young Investigator Training Program, Attending as a visiting researcher at the School of Architecture and Urban Planning, University of Florence, 4 June to 9 July 2019, Florence, Italy.

HONORS AND AWARDS

2005. THE NATIONAL CANDIDATE OF TOP STUDENT IN THE DISCIPLINE OF ART, Elected by the Ministry of Science, Research and Technology, and received the honorary award from the then Iran President.

PROFESSIONAL AFFILIATIONS AND SERVICES

JOURNAL EDITORIAL BOARD

- Editorial Board of Civil Engineering and Architecture Journal, Cincinnati, USA (2010-2011).
- Editorial Board of Asian Journal of Natural and Applied Sciences (AJSC), Oyama, Japan (2012-Present).

REVIEWER OF JOURNALS AND CONFERENCES

- International Journal of Architectural Engineering & Urban Planning (IJAEUP), Iran University of Science and Technology, Tehran, Iran (2012-Present)
- Urban Studies Journal (in Persian), Kordestan University, Sanandaj, Iran, (2012-Present)
- Armanshahr Architecture & Urban Development journal; ISC degree (Both in English and Persian), (2012- Present)
- Journal of Resilient City (JRC) in Persian, Iran Passive Defense Scientific Society (2019- Present)
- Journal of Sustainable Architecture and Urban Design (JSAUD), Faculty of Architecture and Urban Design (JSAUD)of Shahid Rajaei Teacher Training University, Tehran, Iran, (2019-Present)
- Hoviyatshahr journal (in Persian), Islamic Azad University, Tehran, Iran, (2016-Present)
- Journal of Architecture and Urban Planning (Name Honar) in Persian, Tehran Art University, (2013-2018)
- The Journal of Fine Arts (Tarh-o-Namd) (Both in English and Persian), Iran University of Science and Technology, Tehran, Iran (2015-Present)
- International Symposium on Design and Research in Artificial and Natural Sciences (DRANS 2010), Orlando, Florida, USA, (2010).
- International Conference on Urban Design Theory & Practice in Iran (co-hosted by the University of Kurdistan and Birmingham City University), Sanandaj, Iran, May 2012
- ...

KEYNOTE SPEAKER

- **Shakibamanesh, A.** (2019), "Using Advanced Methods & Techniques in Urban Researches: A Mutation from 3D Digital Models to Interactive Simulations with Emphasis on Virtual Reality", Presentation at the Local Seminar: Regional Planning and Design from Theory to Practices, June 27, Department of Architecture, University of Florence, Florence, Italy.
- **Shakibamanesh, A.** (2019), "The Role of Interactive Simulations and Virtual Reality in the Design and Planning of Smart Cities", Smart City as a Vibrant City Seminar, November 2, 2019, Tehran Beautification Organization, Tehran, Iran.
- **Shakibamanesh, A.** (2018), "Using Interactive Simulations and Virtual Reality in Smart Urban Design and Planning", Future City; Smart City Seminar, April, 2018, Bouilisina University, Hamadan, Iran.
- **Shakibamanesh, A.** (2017), "Subterranean Spaces; Design and Planning with Security Enhancement Approach", 3rd National Conference on Civil Defense, Architecture and Sustainable Development, October 25-26, 2017, Shiraz University, Shiraz, Iran.
- **Shakibamanesh, A.** (2013), "Virtual Reality as a Tool for Urban Design", 2nd Basic and Clinical Neuroscience Congress, 18th to 20th December 2013, Tehran, Iran.
- ...

SCIENTIFIC COMMITTEE MEMBER

- International Conference on Urban and Intercity Roads Landscape (a Vernacular Approach), Iran University of Science and Technology, Tehran, Iran. (2018).
- 3rd International Congress on New Horizons in Architecture and Planning (HIAP), Tarbiat Modares University, Tehran, Iran (2017).
- Future City; Urban Design and Its Governance Seminar and Workshop (Main Lecturer: Professor Matthew Carmona), Iran University of Science and Technology, Tehran, Iran. February 2017
- The Fourth Congress on the History of Architecture and Urbanism in Iran, Cultural Heritage, Handicrafts and Tourism Organization of Iran, Alborz Province, Karaj, Iran January 2017.
- National Urban Design Contest entitled "Local Facades, World City", Tabriz Municipality, Tabriz, Iran, 2017.
- Cooperation with "Tehran Urban Research and Planning Center" as a member of "the Committee for Development of Urban and Architecture Ideas" June 2015- September 2016
- Eco Responsive Urban Design Seminar and Workshop (Main Lecturer: Professor Ian Bentley), Shahid Beheshti University, Tehran, Iran, December 2014.
- 1st National Conference on Urban Planning, Urban Management and Sustainable Development, Tehran, Iran. February 2015.
- Secretary of the National Competition For Innovative Design of the Entrance of Farabi International Campus, University of Art, Tehran, Iran, 2016.
- ...

WORKSHOPS

- Shakibamanesh, A. (2018), "Methods of Validation and Identification of Scientific Journals", for University of Art Ph.D Students, under the supervision of the Academic & Graduate Studies Office, Tehran Art University, December 22, 2018.

- Shakibamanesh, A. (2017), "Using Passive Defense Considerations in Designing Cities", 3rd National Conference on Civil Defense, Architecture and Sustainable Development, October 25-26, 2017, Shiraz University, Shiraz, Iran.
- Shakibamanesh, A. (2017), "How to Find a Correct Peer Reviewed Journals to Publish in; Avoiding Hijacked Journals and Predatory Publishers" for University of Art Staffs, under the supervision of the Academic & Graduate Studies Office, Tehran Art University, August 26, 2017.
- Shakibamanesh, A. (2016), "Identifying valid journals from invalid and fake ones" for graduate students, under the supervision of The Iranian Association of Museums and Conservation, Tehran Art University, June 23, 2016.

OTHER ACTIVITIES (TV PROGRAMS, INTERVIEW WITH MAGAZINES...)

- TV Program. (2017), "Application of virtual reality Labs in urban design and architecture", Live, IRIB TV4 (the channel of Knowledge), Iran National TV, February 27, 2017



<https://youtu.be/SSfVIFjGhM0>

ACCOMPLISHED PROJECTS

A: RESEARCH PROJECTS:

- **2019-2020**, "developing the first Smart City Engineering Syllabus for the master's degree", Funded by: Tehran Art University.
- **2016-2018**, "Creating Sustainable Urban Spaces Based on Smart Growth Approach; an Effort to Promote Urban Environments Giving Priority to Sustainable Human-Based Transportation (Case Study: District 12 of Tehran)"; Funded by: Tehran Art University.
- **2015-2016**, "Creating an Urban Design Framework for Mashhad Metropolis", Collaboration with Scientific and Industrial Cooperation Office, Iran University of Science and Technology.
- **2014-2015**, "Islamic Iranian Pattern of Urbanism in Mashhad Metropolis", Collaboration with Armanshahr Consulting Engineers Co.
- **2013-2014**, "Passive Defense Considerations in Land Preparation and Developments", Collaboration with Armanshahr Consulting Engineers Co.
- **2007-2008**, "Urban Design with Passive Defense Consideration" (in Persian), Collaboration with Iran Passive Defense Organization, Tehran, Iran.

B: PROFESSIONAL PROJECTS

- **2017**, Collaboration with Fajr-e-Tosea Consulting Engineers Co. (Grade 1 in Urban planning & Design), in "Tehran's subsurface building strategic plan", writing & editing the report of "principles and criteria of passive defense in subsurface buildings", (2017)
- **2006- 2007**, Collaboration with Farnahad Consulting Engineers Co. (Grade 1 in Urban planning & Design), in compiling:
 - Master Plan for Development of Shandiz City, Iran.
 - Mashhad Urban Plan, Iran

FAMILIARITY AND MASTERING WITH SOFTWARE

- Arc GIS
- Unity 3D
- AutoCAD
- Depthmap
- Axwman
- ENVI-met
- ER Mapper
- Sketch up
- L^AT_EX
- Photoshop
- In design
- Microsoft office
- ...

RESEARCH INTERESTS

- Computer modeling and simulation in urban design
- Analyzing visual scenes
- Urban space interactive modeling/ simulations based on Virtual & Augmented Reality
- Urban morphology/ spatial structure
- Urban Climate Modeling
- Urban visualization techniques
- Innovative sensing technologies