

Danial Monsefi Parapari

Curriculum Vitae

PERSONAL DETAILS

Birth April 26, 1984
Address Faculty of Architecture and Urbanism, Shahrood University of Technology, Shahrood, Iran
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EDUCATION

Ph.D.; Urban Design and Land-Use Planning 2010-2015
Dortmund University of Technology, Dortmund, Germany
Thesis Title: Adaptation to Climate Change and Thermal Comfort; Supervisors: Prof. Christa Reicher, Prof. Dietwald Gruehn.; Thesis Grade: Very Good.

M.Sc.; Urban Planning and Design 2008-2010
The Royal Institute of Technology - KTH, Stockholm, Sweden
Thesis Title: Automobile Dependency: Improving Urban Resilience Through Urban Planning and Design; Supervisor: Dr. Tigran Haas; Thesis Grade: A.

B.Sc.; Architectural Engineering 2002-2008
Shahid Bahonar University of Kerman, Kerman, Iran
Thesis Title: Kerman Ophthalmology Hospital; Supervisor: Eng. Arch. Mehrdad Moinzadeh.

Diploma; Math and Physics 1998-2002
Allame Helli Highschool
Highschool Diploma in Math and Physics, studied in a school belonging to the National Organization for the Development of Exceptional Talents: NODET

WORK EXPERIENCE

Assistant Professor of Urban Design 2015-Present
Shahrood University of Technology, Full-time
Managing and teaching several undergraduate and graduate courses at the faculty of Architecture and Urbanism, Supervising and examining graduate theses.

Rural Planner 2015-Present
Kerman Housing Foundation, Part-time
Designing rural master and comprehensive plans for several villages in Kerman province. Final designs received the highest assessment results of the last two years.

Guest Lecturer 2015-2017
Islamic Azad University, Rafsanjan and Shahrood Branches, Part-time
Managing and teaching several graduate courses at the faculty of Architecture and Urbanism.

Freelance Urban Designer/Planner

2010-Present

Various Clients, Part-time

Managing complex and sensitive professional planning projects, research and analysis; Monitoring and ensuring compliance with local and national laws; Overseeing specialized planning functions such as large-scale new development proposals and environmental studies, focusing on sustainable urban development.

Architectural Modeller

2006-2008

Hashoor Co., Part-time

Expert in architectural rendering using Autodesk 3D Max. Advanced 3D modelling and animation of architectural and analytical projects. Developing techniques for the export and transfer of complex 3D models into AutoCAD for fabrication and rapid prototyping via 2D laser-cutting systems. Responsible for managing warehouse, placing orders and purchases, following up on orders. Developing a network of contacts with suppliers and possible customers.

COURSES TAUGHT

Graduate

Site Planning
Research Methodology
Residential Planning
Land-use Allocation Theories
Urban Renovation and Restoration
Urban Planning Studio
Application of Databases in Urbanism

Undergraduate

Environmental Design
Introduction to Physical Planning
Rural Design
Research Methodology
Analysis of Urban Spaces

FIELDS OF INTEREST

- Microclimate Modelling and Simulation
- Adaptive Urban Environments
- Urban Resilience, Disaster Mitigation and Recovery, Post-Crisis Urbanism
- Big Data in Urban Planning and Design
- Urban Rehabilitation and Renovation
- Renewable Energy and Energy Optimization
- Computer-Aided Planning and Design
- Comprehensive Urban Planning
- Governance and Collaborative Planning

HONOURS AND AWARDS

- *German Academic Exchange Service (DAAD)*: Research Grant for Doctoral Candidates and Young Academics and Scientists, August 2011 - January 2014
- *German Academic Exchange Service (DAAD)*: Travel Grant for Field Research, July 2012
- *12th Kharazmi International Olympiad*: Honorable Researcher, Tehran, 1999

PAPERS AND POSTERS

- Niloofar Rezaian Tabrizi, **Danial Monsefi Parapari**, Mansooreh Mohseni, *Investigating the Effects of Participation on Design Process*, (In Persian), 3rd International Conference on New Findings of Civil, Architectural and Iran Building Industry, Tehran, 2018.
- Mansooreh Mohseni, **Danial Monsefi Parapari**, Hossein Alipoor, *Analysis of Geometrical Patterns in Goharshah Mosque*, (In Persian), 3rd International Conference on New Findings of Civil, Architectural and Iran Building Industry, Tehran, 2018.
- Sajedeh Moghimi, **Danial Monsefi Parapari**, *The process of securing in historical texture after an earthquake*, (In Persian), International Congress on Avant-garde Contemporary Architecture and Urbanism in Islamic Countries, Mashhad, 2018.
- Elham Sanagar Darbani, **Danial Monsefi Parapari**, Mojtaba Rafiean, Toktam Hanaee, *The Effects Of Urban Heat Islands Mitigation On Human Health Through Changes In Urban Form In Hot And Arid Climate Of Mashhad (Case Study Shahed And Pachenar Neighborhoods)*, (In Persian), International journal of Environmental Science and Technology, 2018.
- Elham Sanagar Darbani, Mojtaba Rafiean, Toktam Hanaee, **Danial Monsefi Parapari**, *Environmental Effects Of Urban Geometry Changes On Air Temperature And Outdoor Thermal Comfort In Arid Climate Of Mashhad (Case Study Of Pachenar And Shahed)*, (In Persian), Journal of Environmental Studies 43(4), 2018.
- Fatemeh Shafeezadeh, **Danial Monsefi Parapari**, *Introduction to the Potentials of Urban Ornaments in Promoting Urban Branding*, (In Persian), 5th National Conference on Applied Research in Civil Engineering, Architecture and Urban Management, Tehran, 2017.
- Fatemeh Shafeezadeh, **Danial Monsefi Parapari**, *Investigating the Effects of Urban Elements on Urban Branding*, (In Persian), 5th International Congress on Civil Engineering, Architecture and Urban Development, Tehran, 2017.
- **Danial Monsefi Parapari**, *Outdoor Thermal Comfort in Informal Settlements*, CUI '17 / V. International Contemporary Urban Issues Conference, Istanbul, 2017.
- **Danial Monsefi Parapari**, Shima Taslim and Arezou Shafaghat, *Feasibility Assessment Of The Implementation Of Solar And Wind Energy Technologies In The Current Context Of Iran; Case Study: Kerman*, Jurnal Teknologi, 2015.
- Shima Taslim, **Danial Monsefi Parapari** and Arezou Shafaghat, *Urban Design Guidelines to Mitigate Urban Heat Island (UHI) Effects in Hot-Dry Cities*, Jurnal Teknologi, 2015.

- **Danial Monsefi Parapari** and Shabnam Baharvand, *Limits and Barriers to Adaptation to Climate Change in Iran*, International Conference on Earth Sciences and Urban Development, April 2015, Tabriz, Iran.
- **Danial Monsefi Parapari** and Tara Jalali, *Investigation of Power and its Practices in Built Environment*, (In Persian), International Conference on Civil Engineering, Architecture and Sustainable Urban Development, November 2013, Tabriz, Iran.
- Tara Jalali and **Danial Monsefi Parapari**, *Cultural Aspects of Reconstruction; Case Study: The Rudbar Region in Gillan 1990 Earthquake.*, (In Persian), International Conference on Civil Engineering, Architecture and Sustainable Urban Development, November 2013, Tabriz, Iran.
- Tara Jalali and **Danial Monsefi Parapari**, *Resilient City in Face of Earthquakes, Scenario Based Planning for a Possible Earthquake in Tehran*, (in Persian), Architecture and Sustainable Urban Spaces Conference, December 2013, Mashhad, Iran.

SKILLS AND LICENCES

Languages	Persian (mother tongue) English (fluent: TOEFL iBT: 109/120, IELTS: 8) German (Intermediate: B1) Dutch (beginner)
Architecture	Licensed Architect by the Construction Engineering Organization of Iran for Architectural Design and Supervision.
Software	AUTOCAD, ARCGIS, MICROSOFT OFFICE, SKETCHUP, 3D STUDIO MAX, PHOTOSHOP, ENVI-MET, RAYMAN, L ^A T _E X, RET-SCREEN.
Programming	Extensive experience in coding in PYTHON and intermediate knowledge of interactive web design by PHP.

PARTICIPATIONS AND PRESENTATIONS

- Inaugural Speech, *National DAAD Scholarship Holders' Symposium*, Bonn, Germany, 2014
- 7th *International Space Syntax Symposium*, Stockholm, Sweden, 2009
- *Rotterdam Global Urban Summit*, Rotterdam, The Netherlands, 2009

PROFESSIONAL MEMBERSHIPS

- Congress for the New Urbanism
- International Association for Urban Climate
- Kerman Board of Architects and Structural Engineers