



Hadi Soltanifard,

Associate professor in Landscape and Urban Planning

Faculty of Geography and Environmental Sciences

Hakim Sabzevari University

Sabzevar, Iran,

Date of birth: 21-09-1980

Nationality: Iran

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PERSONAL PROFILE

- Proactive and creative researcher
- Experienced in team work and working independently
- Experienced in several national and international projects professionally
- Ability to meet deadlines and accurate recording and analysis
- Teaching experience with students and some MSc. formal supervision

RESEARCH INTERESTS

- Urban Landscape Planning and Design
- Urban Planning
- Urban Green Space(UGS)Planning and Design
- Landscape Ecology
- LST, Urban Heat Island and Thermal comfort
- Urban Spatial Configuration and Transformation
- Landscape and Climate change
- Urban Ecological Design and Ecological Urbanism
- Space Syntax, Urban Movement and Accessibility
- Built environment, Walkability and Health

SUMMARY OF QUALIFICATIONS

- Over 12 years of curriculum development and delivery in urban landscape, environmental design, and master planning regarding topics of sustainability and ecological systems.

- 8 years of teaching experience teaching in multidisciplinary and encompassing a range of landscape and urban planning.
- Holding specialized short courses and workshops for postgraduate students in order to update their theoretical knowledge concerning real-world cases, advanced modeling, and skills regarding the subject of the proposal.
- Research and course development topics: urban green space, urban landscape, landscape ecology, urban spatial structure, space syntax and spatial cognition(e.g. urban form and metamorphosis, accessibility of urban parks); urban planning and design.

EDUCATION

Doctor of Philosophy in Geography and Urban Planning

Winter 2009 – Fall 2013

The University of Tehran-Iran

Human Geography Department, Faculty of Geography

Thesis: The Role of Spatial Structure Metamorphosis on Contemporary City Development

Major area of emphasis: Urban spatial structure, spatial configuration, space syntax, spatial analysis and modeling.

Master of Environmental Design

Fall 2002 – Summer 2005

The University of Tehran-Iran

Environmental Design Department, Graduate Faculty of Environment

Thesis: Context and Landscape Patterns: Developing an Interactive Language for Ecological Design and Planning

Major area of emphasis: Spatial analysis and ecological design.

Bachelor in Landscape Architecture

Fall 1998 – Summer 2002

The university of Tabriz-Iran

Faculty of Agriculture

HONORS & AWARDS

2020

2016

2009

2005

- Hakim Sabzevari Award for excellence in Teaching
- Hakim Sabzevari Award for Excellence in Research
- Iran's ministry of Science, research and technology scholarship for pursuing Ph.D. It's a national scholarship are made by government annually. The Award is given to the top academic and research M.Sc. students who are chosen by a specialized committee.
- Distinguished Graduate, University of Tehran

PUBLICATIONS

Book/ Book chapter

- **Soltanifard, H.** (2023), *Cooling effect of urban green space: a nature-based solution for mitigation of urban heat*. Edited by Prof. Baoji He, Springer [In Progress].

• **Soltanifard, H.** Farhadi, R. Mansourian, H. (2023), *City Information Modelling and Sustainable Development: The Role of CIM in achieving sustainable urbanization*, In “City Information Modelling(CIM)”. Edited by Prof. Ali Cheshmehzangi, China, Springer.

• **Soltanifard, H.** (2021), *Reproduction of Urban Landscape: An experiment of Restoration and Renovation of Urban Fabrics in Tehran*. Institute of Humanities and Social Studies(IHSS), Tehran, Iran.

• **Soltanifard, H.** Mehrfroz, O, LeBrasseur, R. (2023), *A configurational approach to studying relationship between urban form and green space spatial patterns. Case study: Sabzevar City, Iran*. Environment, Development and Sustainability (ENVI). [Under review].

• **Soltanifard, H.** Kashki, A. Karami, M. (2022), *Analysis of spatially varying relationships between urban environment factors and land surface temperature in Mashhad city, Iran*. The Egyptian Journal of Remote Sensing and Space Science. 25(4), Pp.987-999.
<https://doi.org/10.1016/j.ejrs.2022.10.003>

• **Soltanifard, H.**, Roshandel, T. & Ghodrati, S. *Assessment and ranking of influencing factors in the relationship between spatial patterns of urban green spaces and socioeconomic indices in Mashhad urban districts, Iran*. Modeling Earth Systems and Environment. 6, 1589–1605 (2020). <https://doi: 10.1007/s40808-020-00776-z>

**Selected Articles
(Published in Refereed
Journals)**

• **Soltanifard, H.** and Aliabadi, K., (2019), *Impact of urban spatial configuration on land surface temperature and urban heat islands: a case study of Mashhad, Iran*. Theoretical and Applied Climatology, pp.1-15. <https://doi.org/10.1007/s00704-018-2738-4>

• **Soltanifard, H.** & Jafari, E., (2018), *A conceptual framework to assess ecological quality of urban green space: a case study in Mashhad city, Iran*. Environment, Development and Sustainability. pp 1–28.
<https://doi.org/10.1007/s10668-018-0103-5>

• Jafari, E., **Soltanifard, H.**, Aliabadi, K. and Karachi, H. (2017), *Assessment of the Effect of Neyshabur Green Spatial Configuration on the Temperature of Land Surface and Heat Islands*. Open Journal of Ecology, 7, 554-567. <https://doi:10.4236/oje.2017.79037>

• **Soltanifard, H.** Ranayi, M. Ghodrati, sh. (2018), *Assessment of campus landscape quality experience in higher education institutions from aspect of students. Case study: campus of Ferdowsi University of Mashhad, Iran*. Journal of Environmental Studies, 44(3). [In Persian]
<https://doi.org/10.22059/JES.2019.232394.1007431>

- Khodabandelo, H. **Soltanifard, H.** Zanganeh, Y.,(2018), *Feasibility Study of the Pedestrian Movement in the Central Part of Qom City using VIKOR Model and Space Syntax Theory*. Journal of Geographical Urban Planning Research, 6 (20), 427-449. [In Persian]. <https://doi.org/10.22059/JURBANGEO.2018.258920.917>
- **Soltanifard,H.** Ghasemi, I.(2018), *The effects of the transformation of the structure on landscape perception in the historical fabrics of the 12th region of Tehran*. Journal of Studies on Iranian Islamic City, 9 (33), 27-38. [In Persian]. <https://www.sid.ir/En/Journal/ViewPaper.aspx?ID=651097>
- Ostadi, M. **Soltanifard, H.** H ADAB, Ghelichpuor, Z., Pahlavani. A. (2017), *Assessment and Ranking of Mashhad urban district to refer ecological quality of urban green spaces using Topsis method*. Journal of Environmental Studies 43 (2), 329-347 [In Persian]. <https://doi.org/10.22059/JES.2017.63082>
- **Soltanifard, H.** Zanganeh, A. Nodeh, M. Hossini, F. (2016), *Spatial Analysis of the Street Network Impacts On Urban Neighborhoods Earthquake Vulnerability. Case Study: Amirieh Neighborhood, Sabzevar*. Journal of Spatial Analysis Environmental Hazards 3 (1), 31-49[In Persian]. <https://www.sid.ir/en/journal/ViewPaper.aspx?id=582402>
- **Soltanifard, H.** Hataminejad, H. Abbaszadegan, M. Pourahmad, A.(2014), *An Analysis of Physical-Spatial Structure Transformation of the Iranian-Islamic City (A Case study: SABZEVAR)*. Journal of Studies on Iranian Islamic City, 9 (33), 27-38. [In Persian]. <https://www.sid.ir/En/Journal/ViewPaper.aspx?ID=486300>
- Masnavi, MR. **Soltanifard, H.** Poursaberi, A. Tamashaei, A.(2007), *The Pattern Recognition Of Environmental Elements Change Through Image Processing Method For Understanding Landscape Sustainability, The Case Of Daarabad Valley-Tehran*. Journal of Environmental Studies 33 (43), 121-130. [In Persian]. <https://www.sid.ir/en/journal/ViewPaper.aspx?ID=99025>
- Masnavi, MR. **Soltanifard, H.**(2007), *Complex Landscape and Landscape Complexity, the Role of Complexity in Sustainability of Ecological Systems*. Environmental Sciences 4 (2), 85-99 [In Persian]. <https://www.sid.ir/En/Journal/ViewPaper.aspx?ID=120574>

**Selected Articles
(Published in Refereed
Journals)**

RESEARCH PROJECTS

2022-2023

- Landscape Planning and Design for Mentally-Disabled Children, BARAN Charity House, Sabzevar, Iran

2021-2022

- Landscape Regeneration in Torshizi Historic Garden, Sabzevar, Iran

- Feasibility study, Planning and Design of Kuohestan Urban park, Soltanabad Municipality, Sabzevar, Iran
- Planning and Design of Botanical Garden of University of Tehran, Tehran, Iran

CONFERENCE ATTENDANCE

- **Soltanifard, H.** (2023), *Spatial logic of Iranian Gardens*. The International Conference Beyond the Art of Paradise Gardens. School of Arts, University of Gloucestershire(UK); and University of Birjand (Iran), Monday 5th June 2023.
- Farhadi, R. **Soltanifard H.**, Sabouri, R. (2023), *Resilient future cities through landscape urbanism in Tehran, Iran*. IFLA World Congress 2023. Stockholm and Nairobi, 28-30 September [Accepted].
- **Soltanifard, H.** (2018). *Introduction to Eco-Syntax: An Integrated Concept to Investigate Urban Landscape Sustainability Using Landscape Ecology Approach and Space Syntax Theory. A study in the Mashhad Urban area, Iran*. The IFLA Middle East Conference (MELAC 2018): Landscape in Transition, 7 & 8 May,
- Kowkabi, L. **Soltanifard, H.** (2010), *Planning for Metropolitan Sustainable Development Basis on Sub-Urban Landscape*". The 2nd international geography Symposium-Mediterranean Environment. GEOMED2010. June 2-5, 2010 Kemer-Antalya, Turkey.
- **Soltanifard, H.** Masnavi, MR. (2006), *The Application of Non-Linear System and Chaos Theory in Predicting of Frequency of Earthquake in Iran*" 2006.1st ECEES. Geneva, Switzerland.

WORKSHOP and Course

- *Short course: Green Cities for Eco-Efficiency (Green Cities):* The Institute for Housing and Urban Development Studies (IHS). 13 Mrch-5 April. Erasmus University Rotterdam, Netherland.
- *Summer School of Landscape Architecture; Design principles.* Lecturer, Iranian Landscape Science Association, Iran, 20- 25 August.
- *Planning for Metropolitan Sustainable Development Basis on Sub-Urban Landscape*". The 2nd international geography Symposium-Mediterranean Environment. GEOMED2010. June 2-5, 2010 Kemer-Antalya, Turkey.

- *The Application of Non-Linear System and Chaos Theory in Predicting of Frequency of Earthquake in Iran* 2006.1st ECEES. Geneva, Switzerland.

WORK EXPERIENCE

- **VARIA TARH PARS** : Landscape and Urban Planner, Industrial Landscape planning
- **MAAB Consulting Engineering**: Member of the Urban Design and Planning Department
- **RAHSHAHR International Group**: Member of the Landscape Architecture Department

For more information, please see my LinkedIn page: <https://www.linkedin.com/in/hadi-soltanifard-a7485738/>

PROFESSIONAL MEMBERSHIP

- Member of the International Federation of Landscape Architecture (IFLA)
- Member of the Iranian society for landscape architecture professional (ISLAP)
- Iranian Scientific Association for Landscape (ISAL)

SKILLS

ESRI's ArcGIS Desktop, UCL Depthmap10, Fragstate, Spatial Analyst, Adobe Photoshop, AutoCAD, SPSS, Microsoft Office, Sketch UP.

REFERENCE

Mohammad Reza Masnavi

- Professor of Architecture and Environmental Design at the University of Tehran.
 - University of Tehran, Graduate Faculty of Environment, Faculty Member
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Professor Masnavi Received PhD. in Architecture from University of Glasgow, The Mackintosh School of Architecture -Glasgow School of Arts (1998), and Masters of Architecture from University of Tehran-Faculty of Fine Arts (1990). He has been working at the University of Tehran as a Professor of Architecture and environmental design since 1999.

Professor Masnavi has published many books and research papers in the international journals and conferences on the issue of sustainable urban form, compact city, environmental sustainability and landscape complexity. He has practiced projects on the architecture, urban planning and landscape design. For the C.V and comprehensive list of his projects, research and publications, please see the URLs: <https://rtis2.ut.ac.ir/cv/masnavim/?lang=en-gb> and

<https://scholar.google.com/citations?user=63mY4hAAAAAJ&hl=en>

Keramatollah Ziari

- Professor of Geography and Urban Planning at the University of Tehran.
 - University of Tehran, Faculty of Geography, Faculty Member
- | 📞 (+98)9121260602 | ✉ zayyari@ut.ac.ir

Professor Ziari Received PhD. in Urban Planning from Tarbiat modarres University in 1995, and post-doctoral specialization in urban and regional planning from Heriot-Watt University College of Architecture, England (2000).

He has been working at the University of Tehran as a Professor of Geography and Urban Planning and published a wide variety of scholarly papers and books on the land use and regional planning. please see the URLs: <https://geography.ut.ac.ir/en/~zayyari>