



Nastaran Esmailpour Zanjani

Nationality: Iranian 📞 (+33) 753762228 **Date of birth:** 09/09/1989

Gender: Female ✉️ **Email address:** esmailpour.nastaran@unipv.it

LinkedIn: <https://www.linkedin.com/in/nastaran-esmailpour-130795196/>

ResearchGate: <https://www.researchgate.net/profile/Nastaran-Esmailpour-Zanjani>

ABOUT ME

Ph.D. Candidate in Urban Planning at Pavia University, MSc, Eng.

I enjoy being in academia and working as a part of a team. I like to research and teach. I am always enthusiastic about discovering and mastering new topics and applications. I work on different subjects such as Disaster management, Urban Energy, Environmental Friendly cities, and Urban Tourism. I am also interested in Computer science, Art, and Travel.

EDUCATION AND TRAINING

Bachelor of Urban Engineering

[23/09/2007 – 15/09/2011]

Address: (Iran)

Thesis Title

Sublime phenomena with an emphasis on urban landscape, case study “international tower of Tehran” Score: Grade A

Master of science in Regional Planning(Subsidiary of urban engineering)

[23/09/2011 – 06/03/2014]

Address: (Iran)

Thesis Title

Planning Optimal Patterns for Temporary Settlements After Possible Earthquake Disaster in the Region of Damavand, Tehran Province, Iran.(economic and social aspects) Score: Grade A

Second Master in European studies in Territory and Urban development

Lille University (Lille1) [09/09/2019 – 07/12/2020]

Address: Lille (France)

Level in EQF: EQF level 1

Research Titles

Knowing the principles of Resilient City to Cope with Pandemics in 2 case studies(Paris and Tehran)

Urban energy plans in European countries.

The principles of Urban Metabolism and Benchmarking.

City Branding and their economic aspects.

FRENCH LANGUAGE (LA LANGUE FRANÇAISE)

Lille university [01/03/2021 – 24/06/2021]

Ph.D Candidate in Urban engineering

Pavia University [01/01/2022 – Current]

Address: Pavia (Italy)

WORK EXPERIENCE

Lecturer, short courses

Pavia University [Current]

City: Pavia

Country: Italy

- Reliable GIS for urban planning modeling. International conference, PAVIADIGIWEEK, Sep 2022.

Researcher

Pavia university [01/07/2021 – 31/12/2021]

City: Pavia

Country: Italy

- Methods and models of evaluating and mapping ecological and hydrological systems in urban settlements.
- Models of Energy Transition.

University Lecturer

Azad university(Tehran North Branch,Pardis Branch,Khomen Branch) [20/09/2015 – 07/07/2019]

Country: Iran

For BA of Urban Engineering and Architecture:

-under graduate courses:

- **Urban Planning principles and Methods**
- **Environmental Impact Assessment**
- **Urban Studio 1 & 2 & 4**
- **Quantitative Models in Urban Studies**
- **Urban Issues Seminar**
- **Professional English language in urban studies**
- **Basics of Physical Planning**
- **Village Studio 1 & 2**
- **Analysis of Urban Spaces**
- **Housing Planning**

Post graduate courses:(TA) Teacher Assistant for MA of Urban Planning and Natural Disaster Management majors

-post graduate courses:

- **Qualitative and Quantitative Methods in Urban Planning**
- **Environmental destruction and vulnerability to natural disasters**
- **Urbanism to deal with natural habitats**
- **Temporary accommodation method,**
- **Estimation of vulnerability**
- **Urban facilities and natural disasters**

Urban engineer(Part Time)

Consultant Group of Mofid [11/11/2012 – 12/07/2019]

Address: Tehran (Iran)

The most important projects:

- 1-Performance evaluation deputy of urban quality housing in a city(Khorasan Shomali) in Iran.
- 2-Performance Evaluation Vice Reconstruction and Rural Affairs (Crisis Management)in two cities (Gilan and Alborz) in Iran.
- 3-Performance Evaluation of Rural Guide plan in a city(Hamedan)in Iran
- 4-Performance Evaluation of a New Town in Mahmood Abad, Mazandaran, Iran.
- 5-Performance Evaluation of Niyavarani Complex Housing, Tehran, Iran.
- 6-Presenting a comprehensive plan for Tehran roof (touristic and sportive site) Tehran,Iran
- 7-Presenting a plan for having better social and economic situation in Ramsar touristic and sportive site, Mazandaran, Iran

Production Manager

International Journal of Urban Management and Energy Sustainability [20/02/2016 – Current]

Address: Tehran (Iran)

<http://www.ijumes.com/>

Researcher

At Azad university [01/10/2013 – 01/07/2019]

Address: (Iran)

The Most Important University Projects

- 1-Planning Optimal Patterns for Temporary Settlements After Possible Earthquake Disaster in the Region of Damavand, Tehran Province, Iran.
- 2-Implementation of Intelligent Transportation System (ITS) via Bluetooth in Hakim Highway in Tehran,Iran.
- 3-Design of tourism town in Silvaneh region of Oroumieh city
- 4-Performance Evaluation of Physical- Disabled people in some cases In Tehran,Iran.

ARTICLE PUBLICATIONS

Papers

Published articles:

- N. Esmaeilpour Zanjani, Y.A. Ziyari, Z.S. (Saeideh) Zarabadi, H.R. Sabaghi, "**Comparative Study of Energy role in Urban Morphology with an Emphasis on the Formation of Spatial Structure.**"Int. J. Urban Manage Energy Sustainability. (Summer 2021):43-56
- R. De Lotto, C. Pietra,E. M. Venco, N. Esmaeilpour Zanjani, "**Healthy City for Organizing Effective and Multifaceted Actions at the Urban Level.**" New Metropolitan Perspectives.January 2022. DOI: 10.1007/978-3-031-06825-6_103
- N. Esmaeilpour, G.Godarzi, S.N. Esmaeilpour Zanjani, "**The model of good sustainable urban governance based on ESG concepts.**"Int. J. Urban Manage Energy Sustainability. (Winter 2021), 3(1): 96 - 107
- M. Moulai , F. Khavari, G. Shahhosseini ,N. Esmailpour Zanjani." **A Study of the Urban Heat Island Mitigation Strategies: The Case of Two Cities**" (summer 2017) 1(3): 1-7
- M. Faramarzi Asli, S.Nazari , N. Esmailpour Zanjani, H. Rostami. "**Evaluation of urban reconstruction management in approach to social sustainability**" Int. J. Urban Manage Energy Sustainability. (Spring 2017)1(2): 51 - 63
- N. Esmailpour Zanjani. "**Strategic Planning for Reducing Physical Vulnerability During Earthquake Crisis Area, Under Study: Damavand County**" JOURNAL OF APPLIED SCIENCES RESEARCH (March 2014), 10(2): 95-103
- M.M. Moulaii , F. Kharvari , G. Shahhosseini , N. Esmailpour Zanjani."**Definition and recognition of required factors for smartening cities in developing countries: A case study for Tehran, Iran.**" Int. J. Urban Manage Energy Sustainability, (Spring 2017) 1(2):42 - 50
- N. Esmailpour Zanjani, A.Fallahi,SH. Motavef. "**LOCATING TEMPORARY SETTLEMENTS IN EARTHQUAKE CRISIS BY USING AHP AND GIS**" Civil Engineering and Urbanism (JCEU) (Nov 2014) 4(6): 581-585

BOOKS

books

- 1-N. EsmailPour Zanjani, S. R. Mosavi,(2017),**Basics of Physical Planning**; Azarakhsh publisher,Tehran, Iran.
- 2-H. Danesh Pajouh, M. Loghman, N. EsmailPour Zanjani,(2018)**New Attitudes in Urban Design**; Scientific and practical university Publisher(Farsiran),Tehran, Iran.
- 3-N. EsmailPour Zanjani, S. Jangjo,(2018)**The nature of urban design from the resilience perspective**; Simaye Danesh publisher,Tehran, Iran.

CONFERENCES AND SEMINARS

Conferences papers (International and National Conferences and Congress)

Paper's Titles(sort by date)

- 1-Approaches to tourism development based on sustainable development and concerning to potentials in Malayer city
- 2-Transportation's environmental strategies in a sustainable city, case study "Ghazvin city"
- 3-Tourism and environmental protection in line with sustainable development
- 4-Strategic programming to reduce damage of structural effects of earthquake in Tehran Province
- 5-Sustainable tourism, case study "roof of Malayer city"
- 6-Planning tool and optimal management of land use in line with urban environmental sustainability
- 7-The necessity of planning for protecting basic agriculture resources to achieve sustainable agriculture
- 8-Assessing the Sustainability of Dolat Abad in Malayer city
- 9-Reviews of Urban Distressed Areas on reconstruction, improvement & modernization in Hadad Adel in Kermanshah province
- 10-Improving the of Urban Distressed Areas with an emphasis on reconstruction, improvement, modernization
- 11-Tower effects on the urban landscape of Tehran tower case
- 12-Strategies for the achievement of intelligent transport systems in Freeway Tehran - Qazvin
- 13-Evaluation for alternative ways of transportation in Earthquake Disaster Management
- 14-Locating temporary settlements along the Disaster using GIS in Damavand
- 15-Strategic planning in order to reduce damage Vulnerability transport network in Earthquake Crisis City of Damavand
- 16-Strategic planning to minimize harm Spatial Vulnerability in earthquake disaster) area Study: Damavand
- 17-Locating temporary housing camps Damavand earthquake survivors to manage Crisis
- 18-Locating temporary housing for disaster management after earthquake by Using models(AHP and GIS) Case Study: Damavand
- 19-Strategic planning for reducing the damage Social Vulnerability in earthquake disaster(area Study: Damavand)- The role of the Red Crescent in educating the residents of Damavand before the crisis,
- 20-Recovery Strategies for Urban green spaces with the aim of promoting environmental quality (Case study: District 3 of 11 Tehran metropolis),

DIGITAL SKILLS

My Digital Skills

Decision making

ELECTRE / Strategic analysis / MCDM Multiple criteria decision making AHP, ANP, TOPSIS / Analytical skills making decisions based on multiple factors and options available / Visual PROMETHEE / Expert choice / Super decision

Spatial Analysis and design

GIS software: ArcGIS, QGIS / Skechup / City Engine / 3D Design Software / Adobe (Adobe Photoshop Adobe InDesign Adobe Illustrator Adobe AfterEffects) /  High ability to use AutoCAD

Statistic Analysis

Statistical software (SPSS, Tosmana) / Factor Analysis / Grounded Theory

Others

Strategic Thinking / ICDL / Emergency Management / Red Cross course / First aid / End Note

LANGUAGE SKILLS

Mother tongue(s): **Persian**

Other language(s):

English

LISTENING C1 READING C1 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

French

LISTENING B1 READING B1 WRITING B1

SPOKEN PRODUCTION B1 SPOKEN INTERACTION B1

Italian

LISTENING A1 READING A1 WRITING A1

SPOKEN PRODUCTION A1 SPOKEN INTERACTION A1

HONOURS AND AWARDS

Academic awards

- Ranked 7 th out of over participants in universities PhD entrance exam of Iran and interview in 2015
- Ranked 3rd in Master of Regional Planning amog other classmates at Qavin university of Iran(QIAU)
- Ranked 3 rd out of over 20,000 participants in universities entrance exam for M.Sc. degree (summer 2012)

VOLUNTEERING

Working with Red Crescent of Iran

Helping to distribute foods and anlysis the situation of students in 2 charities in Iran