


# Baran Saghafi

Urban Planning and Management Researcher

Department of Urban Planning | College of Fine Arts |  
University of Tehran | Iran

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## SUMMARY

Urban development management graduate with research interests in **environmental justice, sustainability, climate change, smart cities, resilience, and data analysis**. Experienced in both academic research and professional practice, with strong technical skills in GIS, R, Python, and urban management tools.

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## EDUCATION

**Master's** Sep 2022 - Feb 2025

**University of Tehran, Iran**

*Urban Development Management*

**GPA: 18.85/20 (4 of 4) - Thesis grade: Very Good**

Thesis: Exploring the decision-making process in Iran's urban management and its long-term consequences according to the principles of environmental justice. Case study: Miankale Petrochemical Project

Adviser: Neda Moayerian

**Bachelor's** Sep 2018 - Aug 2022

**Pars University of Architecture and Art, Iran**

*Urban planning*

**GPA: 18.60/20 (3.89 of 4), Thesis grade: 19/20**

Thesis: Crisis management and resilience of the city during the epidemic, the studied disease: Covid-19

Adviser: Alireza Ghahari

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## WORK EXPERIENCE

**Teaching Assistant– University of Tehran** Sep 2024- Present

- During the current academic year, I have served as a teaching assistant to Dr. Mosleh for both graduate and undergraduate urbanism students.
  - Coordinated and invigilated examinations, graded exams, and assessed final projects.
  - Evaluated assignments and provided feedback to enhance student learning.
  - Facilitated classroom discussions and promoted student engagement.
  - Developed supplementary materials to support diverse learning styles.
  - Offered one-on-one academic support to students.
  - Organized and supervised field trips to complement classroom learning.

**Facilitator- Consulting Engineers Co.Sabz andish payesh (SAP)** Mar 2024 – May 2024

- Community-Led engagement initiatives for local development projects.
- Collaborated with government and organizations on development efforts.
- Analyzed zoning regulations and demographic data for planning.
  - Field reaserch about the changing in landuse and neighborhood needs
  - Update landuse and roads GIS data of the neighborhood

**Teaching Assistant- Pars University of Architecture and Art** Dec 2019 – Aug 2022

- Managing agenda of undergraduate student (Urbanism students) research program in different subjects
  - Such as: all workshops, urban planning, urban designed, regional planning, Research Methodology and etc.
- Grading Class assignments
- Led 1 class in different courses (42 students)

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## SERVICE ACTIVITY

### Member of students' scientific association of urban management – *University of Tehran*

Oct 2022 – Aug 2024

- Assist in the coordination of community outreach programs aimed at raising awareness of urban issues and the importance of sustainable future.
- Collaboration with faculty members about the recent problems of urbanism and urban management.
- Participating in organizing and promoting academic events and workshops.

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## PUBLICATIONS

1. "Review of Urban HSE and Crisis Management: Creating Resilient Green Cities in the Age of Pandemics", **B. Saghafi**, F. Abbasi, First national conference of urban environment, University of Tehran. Poster. <https://civilica.com/doc/2129324/>
2. "Analysis of permeable surfaces and impermeable surfaces(Case study: District 7 of Tehran)", F. Abbasi, **B. Saghafi**, Sh. Faryadi, First national conference of urban environment, University of Tehran., Oral. <https://civilica.com/doc/2192147/>
3. "Crisis management and resilience of the city during the epidemic, the studied disease: Covid-19," **B. Saghafi**, (in preparation)
4. "Exploring the decision-making process in Iran's urban management and its long-term consequences according to the principles of environmental justice. Case study: Miankale Petrochemical Project," **B. Saghafi**, N. Moayerian, (in preparation)
5. "Feasibility Study of Utilizing Solar Energy Production Systems in Urban Public Spaces to Generate Sustainable Revenue for Municipalities (Case Study: District 6 of Tehran) " **B. Saghafi**, P. Sahraee, (in preparation)
6. "Designing Agrivoltaic Solar Energy Networks in Synergy with Urban Infrastructure; Case Study: Underutilized Spaces in the South of Karaj" P. Sahraee, **B. Saghafi**, (in preparation)

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## COURS WORKS

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| • <b>Cartography- ESRI</b>  | <b>May – June 2024</b> |
| • <b>R Programming in Urban Planning and Social Sciences-University of Tehran</b> | <b>April 2024</b>      |
| • <b>WebGIS- ESRI</b>   | <b>April 2024</b>      |
| • <b>Arc CityEngine- Shahid Beheshti University</b>                               | <b>June - Sep 2025</b> |
| • <b>Python programming in GIS- University of Tehran</b>                          | <b>Aug 2025</b>        |

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## TECHNICAL SKILLS

- |   |                    |
|---|--------------------|
| • ArcGIS/ArcGIS pro/ QGIS/ WebGIS                           | • MaxQDA           |
| • R   | • VOS viewer       |
| • Python-vsCode (libraries such as Arcby, Numpy, Geopandas) | • MGWR             |
|   | • Microsoft Office |

- Microsoft project
- Photoshop
- CityEngine
- Super Decision
- SPSS
- AutoCAD
- Revit
- Fragstats
- ENVI
- InVEST

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### PERSONAL SKILLS

- Fast- learner
- Organization and Time Management under pressure
- Communication and Interpersonal skills
- System Thinking
- Strong Team Working skills
- Commonly understood Writing skills
- Have experience in both Quantitative (AHP-ANP, Spatial Regression, Spatial analysis, R and Python) and Qualitative method (Content Analysis, Thematic Analysis, semi-structured Interview and Documentary Analysis)

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### ACTIVITIES AND HONOR

- Worked as a representative for undergraduate urbanism students, helping to organize events and activities (PU) (2019-2022)
- Ranked as The Top 5 student in B.Sc. degree at Pars University of Architecture and Art (2022)
- Worked as a member of scientific association of urban management at University of Tehran (UT) (2022-2024)
- Worked as TA for graduate and undergraduate students at University of Tehran (UT) (2024)

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### LANGUAGE

- **English** (Full Professional Proficiency, IELTS 6.5)
- **Persian** (Native Language)
- **Japanese** (Basic Level)

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### REFERENCE

⇒ **Dr. Neda Moayerian**

Assistant Professor of Urban Planning, University of Tehran

mail: [nedamoayerian@ut.ac.ir](mailto:nedamoayerian@ut.ac.ir)

⇒ **Dr. Leila Mosleh**

Assistant Professor of Urban Planning, University of Tehran

mail: [leilamosleh@gmail.com](mailto:leilamosleh@gmail.com)

⇒ **Dr. Mojgan Taheri Tafti**

Assistant Professor of Urban Planning, University of Tehran

mail: [m.tafti@ut.ac.ir](mailto:m.tafti@ut.ac.ir)

⇒ **Dr. Farshad Nourian**

Associate Professor (Dean) of Urban Planning, University of Tehran

mail: [fnoorian@ut.ac.ir](mailto:fnoorian@ut.ac.ir)

⇒ **Mahdi Suleimany**

Researcher and Mentor of Urban Planning, University of Tehran

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