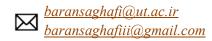
Baran Saghafi

Urban Planning and Management Researcher

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





Phone: (+98)9109117523

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.

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

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.
 - o Coordinated and invigilated examinations, graded exams, and assessed final projects.
 - o Evaluated assignments and provided feedback to enhance student learning.
 - Facilitated classroom discussions and promoted student engagement.
 - o 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.
 - o Field reaserch about the changing in landuse and neighborhood needs
 - o Update landuse and roads GIS data of the neighborhood

BARAN SAGHAFI Page | 2

Managing agenda of undergraduate student (Urbanism students) research program in different subjects

- o 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)

SERVICE ACTIVITY

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

Oct 2022 - Aug 2024

- Assist in the coordinatation 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.

PUBLICATIONS

- "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/
- "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)

COURES WORKS

• Cartography- ESRI

May - June 2024

• R Programming in Urban Planning and Social Sciences-University of Tehran

April 2024

WebGIS- ESRI
 Arc CityEngine- Shahid Beheshti University

April 2024

• Python programming in GIS- University of Tehran

June - Sep 2025

Aug 2025

TECHNICAL SKILLS

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

BARAN SAGHAFI Page | 3

- Microsoft project
- Photoshop
- CityEngine
- Super Decision
- SPSS
- AutoCAD

- Revit
- Fragstats
- ENVI
- InVEST

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 <u>Quantitive</u>
 (AHP-ANP, Spatial Regression, Spatial analysis, R and Python) and <u>Qualitive</u> method
 (Content Analysis, Thematic Analysis, semistructured Interview and Documentary Analysis)

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)

LANGUAGE

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

REFERENCE

⇒ Dr. Neda Moayerian

Assistant Professor of Urban Planning, University of Tehran

mail: nedamoayerian@ut.ac.ir

⇒ Dr. Leila Mosleh

Assistant Professor of Urban Planning, University of Tehran

mail: <u>leilamosleh@gmail.com</u>

⇒ Dr. Mojgan Taheri Tafti

Assistant Professor of Urban Planning, University of Tehran

mail: m.tafti@ut.ac.ir

⇒ Dr. Farshad Nourian

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

mail: fnoorian@ut.ac.ir

⇒ Mahdi Suleimany

Researcher and Mentor of Urban Planning, University of Tehran

mail: mi.suleimany@ut.ac.ir