

# Mahnoush Mostafavi

Curriculum Vitae, October-2024

Pronouns: She/Her/Hers

Department of Geography, The Ohio State University

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## Research Interests

Sustainable Transportation

Urban and Regional Planning

Social equity

Environmental studies

## Education

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|----------------|---|
| 2023 - Present | Ph.D. Student in Geography<br>The Ohio State University, Department of Geography<br>Advisor: Harvey J. Miller   |
| 2015 - 2018    | M.Sc., Regional Planning<br>University of Guilan – Rasht, Iran<br>Thesis: “Comparison of the environmental impact of the operation phase of road vs. rail transit with sustainable transportation approach. Case study: Qazvin-Rasht freeway and railway line”<br>Advisor: Saber Mohammadpour |
| 2011 – 2015    | B.Sc., Urban Planning Engineering<br>University of Guilan – Rasht, Iran<br>Thesis: “A survey on environmental factors that affect the level of citizens' sense of security in urban neighborhoods. Case study: Golsar and Sagharisazan neighborhoods”<br>Advisor: Nooreddin Azimi             |

## Presentations at Professional Conferences

### Papers/Posters

- Mostafavi, M., Tokey, A., Alam, M., Lin, Y., Xiao, N. and Miller, H.J. “**3D Urban Modeling of Historic Black Neighborhoods Using GIS and Machine Learning: Poindexter Village, Columbus, in 1940**”, CAGIS and UCGIS Symposium, June 3-6, Columbus, OH (poster)

- Mostafavi, M., Tokey, A., Alam, M. Xiao, N. and Miller, H.J. **“Reconstructing History: 3D urban modeling of a historical public housing project in 1940”** American Association of Geographers, April 16-20, Honolulu, HI (poster)
- **“Comparison of the environmental impact of the operation phase of road vs. rail transit with sustainable transport approach”**, The 17th International Conference on Traffic and Transportation Engineering, 18th February 2018, Tehran, Iran (paper)

## Funding and Awards

2022 – Present	Offer of funding package as a Graduate Research Associate from the Department of Geography at Ohio State University.
2018 – 2019	Letter of recognition for working on the socio-economic data collection project for fishers in Iran “a collaboration of Iran Fisheries Organization and Food and Agriculture Organization of the United Nations (FAO)”- Bushehr, Iran.
2017	Letter of Appreciation for responsible services in the stability of the environment, Guilan Women and Youths Environmentalist Society - Rasht, Iran.
2016	Letter of Appreciation for collaboration and presence in The Twelfth National Conference of "Business and Entrepreneurship of Women in the Field of Environment" - Rasht, Iran.
2015	Letter of Appreciation for ranking second highest among the graduates of B.Sc. degree in Urban Engineering at the University of Guilan, Rasht, Iran.

## Workshops and Certificates

- Attending the CAGIS and UCGIS Symposium, June 2024, Columbus, OH.
- Attending the Association of American Geographers (AAG) Conference, April 2024, Honolulu, HI.
- Attending the East Lakes Division American Association of Geographers (ELDAAG) Conference, November 2023, Ohio.
- Online course of "Task-oriented Course in Fundamentals of Python programming and Algorithmic Thinking", May - Aug 2021, at "Quera" College.
- Workshop on "The role of green management in environmental conservation", October 2020, organized and held by the Environmental Protection Organization of Iran.
- Online course of "The Age of Sustainable Development", Columbia University, April-July 2020, at "Coursera" an online learning platform.
- Attending the 17th International Management Conference on “Traffic and Transportation Engineering”, Feb. 2018, Tehran, Iran.
- Presenting the Article “Comparison of the environmental impact of the operation phase of road vs. rail transit with sustainable transport approach (Case study: Qazvin-Rasht freeway

and railway line)” at the 17th International Conference on Traffic and Transportation Engineering, Feb. 2018, Tehran, Iran.

- The course “Essentials of Sustainable Transport Development”, for 6 Hours, mutually organized and held by Vienna Technical University and Tarbiat Modares University, Feb. 2018, Tehran, Iran.
- The International Workshop on “Sense of Place and Identity in Urban Planning” for 6 Hours, mutually organized and held by the University of South Australia and University of Guilan, Sept. 2017, Rasht, Iran.
- Online course of “Convention of the Rights of Persons with Disabilities” at “Parto Tarvij School”, Jul. 2017, Iran.
- Educator in “Rural Waste Management of Zarjoub Border Villages” Project, Guilan Affairs and Provincial Councils and Guilan Women and Youths Environmentalist Society, Apr. 2017, Guilan, Iran.
- Participant in “The Twelfth National Conference of ‘Business and Entrepreneurship of Women in the field of Environment’”, Dec. 2016, Rasht, Iran.

## Research Project Experience

Center for Urban and Regional Analysis (CURA), The Ohio State University 2023

## Work Experience

Present	<u>Graduate Teaching Assistant</u> GEOG 2200 _ Mapping Our World _ The Ohio State University GEOG5210 – Fundamental of GIS _ The Ohio State University
2023 _ 2024	<u>Graduate Research Associate</u> Center for Urban and Regional Analysis _ The Ohio State University
2019 – 2022	<u>Expert and Designer</u> "Arg Sargon" Urban and Architecture Consulting Engineers Compony _ Yasuj, Iran
2018 – 2019	<u>Data collector and interrogator</u> FAO and Iran Fisheries Organization Collaboration _ Bushehr, Iran
2015 – 2017	<u>Committee chair and newsletter editor (Volunteer Member)</u> Guilan Women and Youths Environmentalist Society _ Rasht, Iran
2016 – 2017	<u>Author of the Magazine (Volunteer Member)</u> Guilan Women and Youths Environmentalist Society _ Rasht, Iran

## Professional Membership

Association of American Geographers (AAG)