

KEIHAN HASSANZADEHKERMANSHAHI

Apt 26 C, Duke Street, Newark, Delaware

302-540-0207

keyhan@udel.edu

Education:

Ph.D. student in Energy and Environmental Policy at University of Delaware

FALL 2022

GPA: (3.593/4)

Advisor: Dr. David

M.Sc. in Regional Planning at University of Tehran

FALL 2018- SUMMER 2021

Thesis title: "Explanation of Regional Sustainable Development Upheavals and Suggesting Strategies for Reinforcing Equitable Development, Case Study: Tehran Province".

Supervisor: Dr. Esfandiar Zebardast

Thesis grade:19/20 (4/4)

GPA: 18.26/20 (3.92/4)

B.Sc. in Urbanism Engineering at Art University of Isfahan

FALL 2013 – SUMMER 2018

Thesis title: "The Feasibility Analysis of Converting Modares Street in Kermanshah into Pedestrian Way".

Supervisor: Dr. Mohammad Masoud

GPA: 16.92/20 (3.7/4)

Honors and Awards:

Academic Honors:

- Iranian Science and Research Scholarship for Master of Science (Tuition waiver) 2018-2021
- Rank 12 among 4503 applicants in the National M.Sc. Entrance exam both in theory and practical tests 2019
- Top 3 Class Honor over my master studies 2018-2021

- Iranian Science and Research Scholarship for Bachelor of Science (Tuition waiver) 2013-2018

Research Interest:

- Urban Sprawl
- Energy and Environmental Policy
- Urban Heat Island
- Sustainable Development
- Social Justice
- Regional Inequality
- Community Development
- Transportation Policy

Journal Papers:

3 articles

h-index = 2, citations 23 (<https://scholar.google.com/citations?user=xBkEcHkAAAAJ&hl=en>).

Date: Jan 7th, 2025.

- Hassanzadehkermanshahi, K., & David, N. (2024). Effectiveness of Growth Management Plans in the United States: A Comprehensive Literature Review- In preparation
- Katola, Z., Hassanzadehkermanshahi, K., & David, N. (2024). Analyzing Equity and Justice in Comprehensive Planning: A Case Study of New Castle County and Its Cities (Newark, New Castle, and Wilmington) – In preparation
- Hassanzadehkermanshahi, K., & Shirowzhan, S. (2022). Measuring Urban Sustainability over Time at National and Regional Scale for Addressing United Nations Sustainable Development Goal (SDG) 11: Iran and Tehran as Case Studies. *Sustainability*, 14(12), 7402. <https://doi.org/10.3390/su14127402>
- Khanmohammadidoustani, S., Hassanzadehkermanshahi, K., Mohammadi, A., Kermanshahi, S. (2022). Evaluating the Acceptance of a More Strict Plate Control Policy among Motorcycle Riders in Tehran. *International Journal of Transportation Engineering (IJTE)*. DOI: <https://doi.org/10.22119/ijte.2022.345709.1611>

Conference Papers:

- Katola, Z., Hassanzadehkermanshahi, K., Oluoch, K., & David, N. (2024). Analyzing Equity and Justice in Comprehensive Planning: A Case Study of New Castle County and Its Cities (Paper presented at the 2024 Association of Collegiate Schools of Planning (ACSP) Conference, Seattle, WA). 2024
- Ketola, Z., David, N., Braine, M., Hassanzadehkermanshahi, K. "Bridging" the City: Community Perspectives on Capping I-95 in Wilmington, Delaware. *Urban Affairs Associations*. New York. 2024

- Gholami, m., Hassanzadehkermanshahi, K (2015). Color Psychology in the Urban Environment: The Eastern Sidewall of Charbagh Street in Isfahan. First National Conference of Urban Sustainable Development. 2015

Academic Projects:

- Before the Concrete: Examining Wilmington's Pre-I-95 Era, Neighborhoods, and Heritage Churches 2024
- Analyzing Equity and Justice in Comprehensive Planning: A Case Study of New Castle County and Its Cities (Newark, New Castle, and Wilmington) 2024
- Unveiling Urban Sprawl: Analyzing New Developments in Sussex County's Inland Bay Area 2023
- Income Segregation Between Schools and School Districts 2023
- Heat mapping campaign of Wilmington and surrounding regions 2023
- Comparative Analysis of the Role of Urban Sprawl on Health Inequality (Case Study: Tehran and Sydney Metropolitan Areas) 2022
- The Impact Assessment of Socio-Economic Inequality on Intensifying Urban Sprawl and Housing Affordability in Australian Big Cities 2022
- Operating program for developing an assessment of Tehran province 2020
- Evaluation of economic traits of Zanjan province 2020
- Strategic and structural plan of Arak conurbation 2019
- Evaluation of economic, social and environmental traits of Tehran conurbation 2018
- Locating solar cell in Tehran (GIS) 2018
- Analyze environmental impacts of industrial development in Pardis, Roodehen and Boomehen cities 2017
- 3D design of neighborhood with respect to green space 2016
- 3D design of town center 2016
- Recognizing Effected factors on Urban Regeneration of Emamzadeh Yahya Neighborhood as a Cultural Neighborhood 2016
- Climate assessment of Isfahan 3 district 2016
- Evaluation of environmental facilities and limits of Isfahan conurbation 2015
- Designing transportation network (Azadi street) 2015
- Evaluation of economic, social and environmental traits of Koshk city 2014
- Explanation of the Landscape and Environmental Strategy Koshk city 2014

Teacher Experience

- Teaching Assistant in Public Policy Course at University of Delaware (Dr. Andrea Pierce) (2022)

Working Experience:

- Project Manager, Growth Management Study for Sussex County, Delaware (currently)
- Research Assistant at Biden School of the University of Delaware Dr. Nina David (currently)

- Biden School Student Association Representative for the ENEP PhD Program (currently)
 - Project Manager at Climate Hub of Biden School (Summer 2023)
 - Research Assistant at Biden School of the University of Delaware Dr. Amy Schwartz (2022)
 - Tehran municipality region 4, Housing department (part-time) (2018-2021)
 - Freelancer: translator at Irantypist (<https://irantypist.com>) (part-time) (2018-2021)
 - Currency exchange: Customer service (part-time) (2020-2021)
 - IOEC: Construction Company of Saman Gharb (part-time) (2017-2018)
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Membership:

- Iran's National Elite Foundation (2018-2022)
 - Regional planning scientific association of University of Tehran (2018-2019)
 - Urban planning scientific association of Art University of Isfahan (2015-2017)
 - Student sports association of Art University of Isfahan (2015-2017)
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Presentation:

- Hassanzadehkermanshahi, K. Wilmington Heat Mapping Campaign in the Community Health Advocacy Mobilization Group (formerly the Wilmington COVID 19 Community Mobilization Group) 2023
 - Ketola, Z., David, N., Braine, M., Hassanzadehkermanshahi, K. "Bridging" the City: Community Perspectives on Capping I-95 in Wilmington, Delaware in Urban Affairs Associations Conference 2024
 - Hassanzadehkermanshahi, K. Wilmington and surrounding townships (WiST) Heat Watch campaign in Legislative Hall in Dover 2024
 - David, N., Hassanzadehkermanshahi, K., Ketola, Z. Assessing Delaware's State Strategies: Managing Urban Sprawl and Shaping Development in Sussex County, Coast Day Community Event in Lewes, Delaware. 2024
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Sports Honors:

- First place in Isfahan beach volleyball competition 2016
 - Third place in Art University of Isfahan volleyball competition 2015
 - Third place in the regional futsal competition 2014
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Language skills:

- Persian (Native)

- English (Professional)

Academic **IELTS** Overall Band 7.5(SEP-2021)

-Reading 8 -Listening 8.5 -Speaking 7 -Writing 7

Software skills:

- Spatial analysis: ArcGIS Desktop, CityEngine, Arc gis pro
- CAD software: AutoCAD, Map3D
- Data analysis: Stata, SPSS, Atlas.Ti
- Graphic design: Adobe programs (Photoshop, Illustrator, etc.), SKETCHUP, LUMION
- Office (Word, Excel, Access, PowerPoint)
- Bibliometric databases: Scopus, Web of Science.
- Reference management software: Mendeley, Zotero.

