

Ehsan Rostami

CONTACT INFORMATION

- **E-Mail:** ehsan.rostami@outlook.com
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 - **Personal Website:** <https://ehsan-rostami.github.io>
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EDUCATION

- ❖ **Master of Science in Architecture and Energy** 2019-2022
University of Ilam Ilam, Iran
 - **Thesis:** The effects of heterogeneity in the layout and density of urban blocks on the daylight availability and energy efficiency of buildings
 - **GPA:** 18.69/20 (3.92/4)
 - **Advisor:** Dr. Nazanin Nasrollahi
 - ❖ **Bachelor of Science in Architecture engineering** 2012-2016
University of Ilam Ilam, Iran
 - **GPA:** 16.94/20 (3.62/4)
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PUBLICATIONS

- ❖ **Research Papers**
 - **Rostami, E., & Nasrollahi, N.** (2025). The impact of urban morphology on sunlight availability at urban and neighborhood scales: A systematic review. *Sustainable Cities and Society*, 121, 106194. <https://doi.org/10.1016/j.scs.2025.106194>
 - **Rostami, E., Nasrollahi, N., & Khodakarami, J.** (2024). A comprehensive study of how urban morphological parameters impact the solar potential, energy consumption and daylight autonomy in canyons and buildings. *Energy and Buildings*, 305, 113904. <https://doi.org/10.1016/j.enbuild.2024.113904>
 - **Nasrollahi, N., & Rostami, E.** (2023). The impacts of urban canyons morphology on daylight availability and energy consumption of buildings in a hot-summer Mediterranean climate. *Solar Energy*, 266, 112181. <https://doi.org/10.1016/j.solener.2023.112181>
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ACADEMIC PROJECTS

- ❖ **Peer review**
 - Served as a peer reviewer for high-impact journals in energy and architectural research, including *Energy and Buildings*, *Building and Environment*, and *Frontiers of Architectural Research*.
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RELATED COURSES

- ❖ **Graduate**
 - Energy and Architectural Design
 - Energy and Urban Design
 - Passive and Active Systems
 - Heat Transfer
 - Energy Analysis
 - Energy Management in Architecture and Urban Design
 - Measurement Systems and Optimizing of Existing Buildings

❖ Undergraduate

- Architectural Design
- Urban Space Planning
- Urban Space Design
- Acquaintance with restoration of monuments
- Building Technical Design
- Rural Research & Design
- History of World Architecture
- History of Islamic Architecture
- History of Contemporary Architecture
- Building Construction
- Surveying
- Environmental Control of Building
- Electrical – Acoustics
- Building Mechanical Services
- Strength of Materials and Steel Structures
- Reinforced Concrete Building Design
- Construction Project Management

❖ Online Courses

- The Impact of Art on the Humanities (Oct 2024)
- Sustainable Cities (Jun 2023)
- Contemporary arts and communication (Jun 2022)
- Solar Energy for Engineers, Architects and Code Inspectors (May 2022)
- Global Energy and Climate Policy (Dec 2021)
- Autodesk Certified Professional: AutoCAD for Design and Drafting Exam Prep (Nov 2021)
- BIM Application for Engineers (Nov 2021)
- Autodesk Certified Professional: Revit for Architectural Design Exam Prep (Oct 2021)
- Design Computing: 3D Modeling in Rhinoceros with Python/Rhinoscript (Oct 2021)
- Renewable Energy and Green Building Entrepreneurship (Oct 2021)

HONORS & AWARDS

- Best Graduate Student Issued by Ilam University (Nov 2022)

SKILLS

❖ Programming Skills

- Python, R, PHP, HTML, CSS

❖ Engineering Software Skills

- Rhino, Grasshopper, Ladybug Tools, Envi-Met, Rayman, Designbuilder, EnergyPlus, OpenStudio, UMI, ClimateStudio, DIALux, Autodesk AutoCAD, Autodesk Revit, Autodesk 3ds Max, SketchUp

❖ Non-Engineering Software Skills

- Microsoft Office, Visio, Microsoft Project, IBM SPSS Statistics, Adobe Photoshop, Camtasia, WordPress, Joomla, LATEX

❖ Language

- Kurdish: Native
- Persian: Native
- English: Fluent (B2 Level)

REFERENCES

- Dr. Nazanin Nasrollahi (Associate Professor at Ilam University)
E-mail: n.nasrollahi@ilam.ac.ir
- Dr. Jamal Khodakarami (Associate Professor at Ilam University)
E-mail: j.khodakarami@ilam.ac.ir