

Ehsan Rostami

CONTACT INFORMATION

- **E-Mail:** ehsan.rostami@outlook.com
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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**
 - 7 reviews for 3 publications
 - **Building and Environment** (1)
 - **Energy and Buildings** (5)
 - **Frontiers of Architectural Research** (1)
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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

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

❖ 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