



## Asst. Prof. SELMAN SEVİNDİK

### Personal Information

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### International Researcher IDs

ScholarID: 677PrSIAAAAJ

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Publons / Web Of Science ResearcherID: IUQ-0546-2023

ScopusID: 57224413294

Yoksis Researcher ID: 394359



### Education Information

2018 - 2023	Doctorate, University College London, Bartlett School of Environment Energy and Resources, Energy Institute, England
2016 - 2017	Postgraduate, University College London, Bartlett School of Environment Energy and Resources, Institute for Environmental Design and Engineering, England
2009 - 2015	Undergraduate, Anadolu University, Mimarlık Ve Tasarım Fakültesi, Mimarlık Bölümü, Turkey
2013 - 2013	Undergraduate, Università Degli Studi di Roma La Sapienza, Dipartimento di Architettura e Progetto, Architettura, Italy

### Dissertations

2023	Modelling Scenarios for Low Carbon Heating Technologies in the Domestic Sector Towards a Circular Economy, University College London, Bartlett School of Environment Energy and Resources, Energy Institute, Doctorate
2017	Circular Economy and Eco-Innovation Solutions for Low-Carbon Buildings in Turkey, University College London, Bartlett School of Environment Energy and Resources, Institute for Environmental Design and Engineering, Postgraduate

### Research Areas

Environmental Technology, Environmental Impact Assessment, Ecology and Pollution, Solid Waste Engineering and Management, Renewable energy, Alternative Energy Resources, Architecture, Architectural Design, Building Information, Physical Urban Protection

### Academic Titles / Tasks

2023 - Continues	Assistant Professor, Erciyes University, Mimarlık Fakültesi, Mimarlık
2019 - 2022	Research Assistant, University College London, Bartlett School of Environment Energy and Resources

## Academic and Administrative Experience

2024 - Continues	Deputy Head of Department, Erciyes University, Mimarlık Fakültesi, Mimarlık
2024 - Continues	Member of Unit Quality Commission, Erciyes University, Mimarlık Fakültesi
2024 - Continues	Student Communication and Data Management Department, Erciyes University, Mimarlık Fakültesi
2023 - Continues	Program Değerlendirme Komisyonu Üyesi, Erciyes University, Mimarlık Fakültesi, Mimarlık
2023 - Continues	Program Accreditation-Self-Assessment Committee Member, Erciyes University, Mimarlık Fakültesi, Mimarlık

## Courses

2023 - 2024	Construction 1, Undergraduate
2023 - 2024	Fiziksel Çevre Kontrolü 2, Undergraduate
2023 - 2024	Construction 3, Undergraduate
2023 - 2024	Energy Safe House Design, Undergraduate
2023 - 2024	Building Science 2, Undergraduate
2023 - 2024	Architectural Design 3, Undergraduate
2023 - 2024	Ecological Architecture, Undergraduate
2023 - 2024	Fiziksel Çevre Kontrolü 1, Undergraduate

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **An Integrated Methodology for Scenarios Analysis of Low Carbon Technologies Uptake towards a Circular Economy: The Case of Orkney**  
SEVİNDİK S., Spataru C.  
Energies, vol.16, no.1, 2023 (SCI-Expanded)
- II. **A comparative environmental assessment of heat pumps and gas boilers towards a circular economy in the UK**  
Sevindik S., Spataru C., Domenech Aparisi T., Bleischwitz R.  
Energies, vol.14, no.11, 2021 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Circular Economy and Eco-Innovation Solutions for Low-Carbon Buildings in Cities: The Case of Kayseri**  
Sevindik S., Spataru C.  
Sustainability in Environment, vol.3, no.3, pp.230-256, 2018 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **The Role of Big Data and Digitalization in Energy Transition and Business Sustainability**  
Sevindik S.  
in: The Elgar Companion to Energy and Sustainability: Interdisciplinary Perspectives on the Sustainable Development Goals (Elgar Companions to the Sustainable Development Goals series) , Catalina Spataru,Xiaoqing Lv,Priscila Carvalho,Manta Devi Nowbuth,Nadia Ameli, Editor, Edward Elgar , Gloucester, pp.90-103, 2024

## Refereed Congress / Symposium Publications in Proceedings

- I. **TOWARDS NET-ZERO: A COMPREHENSIVE DATA-DRIVEN FRAMEWORK OF CIRCULAR ECONOMY PRINCIPLES IN ARCHITECTURAL DESIGN**  
SEVİNDİK S., AKGÜN A., ŞAHİN N., BAYRAM Ö. F., ATARER F.  
8TH INTERNATIONAL TOKYO CONFERENCE ON INNOVATIVE STUDIES OF CONTEMPORARY SCIENCES, Tokyo, Japan, 12 January 2024, pp.12-13
- II. **SUSTAINABLE WORKFORCE IN THE CONSTRUCTION INDUSTRY: A COMPREHENSIVE EXAMINATION OF ARCHITECTS' AND ENGINEERS' PERSPECTIVES**  
AKGÜN A., SEVİNDİK S., BAYRAM Ö. F., ATARER F., ŞAHİN N.  
8TH INTERNATIONAL TOKYO CONFERENCE ON INNOVATIVE STUDIES OF CONTEMPORARY SCIENCES, Tokyo, Japan, 12 January 2024, pp.10-11
- III. **Life Cycle Assessment of Domestic Heat Pumps with Gas Boilers and Hybrid Scenario Analysis in the UK**  
Sevindik S., Spataru C.  
International Conference on Energy, Environment and Storage of Energy (ICEESEN), Kayseri, Turkey, 19 - 21 November 2020, pp.48-56
- IV. **Comparative Environmental Impact Assessment of Heat Pumps with Gas Boilers and Scenario Analysis Towards a Circular Economy in the UK**  
Sevindik S., Spataru C., Aparisi T. D., Bleischwitz R.  
Conference on Sustainable Development of Energy, Water and Environment Systems, Cologne, Germany, 1 - 05 September 2020, no.18477178, pp.251

## Supported Projects

2024 - 2026

From Temporary Shelter to Permanent Solutions: Transformation of Post-Disaster Containers and Reuse Strategies, TUBITAK Project

## Scientific Refereeing

July 2024

NATURE COMMUNICATIONS, Journal Indexed in SCIE

## Scientific Research / Working Group Memberships

2023 - Continues

Scape (Sustainability, Circularity And Architectural Practices In The Environment), <https://avesis.erciyes.edu.tr/researchteamsite/scape>, Erciyes University, Turkey

2019 - Continues

Icr (Islands And Coastal Research) Lab, <https://www.islandscoastallab.com/>, University College London, England

## Metrics

Publication: 8

Citation (WoS): 23

Citation (Scopus): 28

H-Index (WoS): 1

H-Index (Scopus): 1

## Scholarships

2015 - 2023

YLSY, Ministry of Education