

## **Asst. Prof. SELMAN SEVİNDİK**

### **Personal Information**

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### **International Researcher IDs**

ScholarID: 677PrSIAAAAJ

ORCID: 0000-0002-0828-4226

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

ScopusID: 57224413294

Yoksis Researcher ID: 394359

### **Education Information**

Doctorate, University College London, Bartlett School of Environment Energy and Resources, Energy Institute, England  
2018 - 2023

Postgraduate, University College London, Bartlett School of Environment Energy and Resources, Institute for  
Environmental Design and Engineering, England 2016 - 2017

Undergraduate, Anadolu University, Mimarlık Ve Tasarım Fakültesi, Mimarlık Bölümü, Turkey 2009 - 2015

Undergraduate, Università Degli Studi di Roma La Sapienza, Dipartimento di Architettura e Progetto, Architettura, Italy  
2013 - 2013

### **Dissertations**

Doctorate, 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, 2023

Postgraduate, 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,  
2017

### **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**

Research Assistant, University College London, Bartlett School of Environment Energy and Resources, 2019 - 2022

### **Academic and Administrative Experience**

Program Değerlendirme Komisyonu Üyeliği, Erciyes University, Mimarlık Fakültesi, Mimarlık, 2023 - Continues  
Program Accreditation-Self-Assessment Committee Member, Erciyes University, Mimarlık Fakültesi, Mimarlık, 2023 - Continues

## Courses

Architectural Design 3, Undergraduate, 2023 - 2024  
Construction 1, Undergraduate, 2023 - 2024  
Ecological Architecture, Undergraduate, 2023 - 2024  
Fiziksel Çevre Kontrolü 1, Undergraduate, 2023 - 2024  
Construction 3, Undergraduate, 2023 - 2024

## 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†**  
SEVİNDİK 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)

## 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

### **Scientific Research / Working Group Memberships**

Scape (Sustainability, Circularity And Architectural Practices In The Environment), Erciyes University, Türkiye, <https://avesis.erciyes.edu.tr/researchteamsite/scape>, 2023 - Continues

Icr (Islands And Coastal Research) Lab, University College London, İngiltere, <https://www.islandscoastallab.com/>, 2019 - Continues

### **Scholarships**

YLSY, Ministry of Education, 2015 - 2023