

Asst. Prof. SELMAN SEVİNDİK

Personal Information

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International Researcher IDs

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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

Assistant Professor, Erciyes University, Mimarlık Fakültesi, Mimarlık, 2023 - Continues

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

Academic and Administrative Experience

Member of Unit Quality Commission, Erciyes University, Mimarlık Fakültesi, 2024 - Continues

Student Communication and Data Management Department, Erciyes University, Mimarlık Fakültesi, 2024 - Continues

Program Değerlendirme Komisyonu Üyesi, Erciyes University, Mimarlık Fakültesi, Mimarlık, 2023 - Continues

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

Courses

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, 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 Refereeing

NATURE COMMUNICATIONS, Journal Indexed in SCI-E, July 2024

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