Res. Asst. PhD SERKAN ÖZDEMİR

Personal Information

Office Phone: +90 312 210 7724

Email: serkano@metu.edu.tr

Web: https://avesis.metu.edu.tr/serkano

International Researcher IDs

ScholarID: P_10OloAAAAJ

ORCID: 0000-0002-8635-3311

Publons / Web Of Science ResearcherID: AAZ-8199-2020

ScopusID: 57208127727

Yoksis Researcher ID: 306285

Education Information

Doctorate, Middle East Technical University, Graduate School of Informatics, Information Systems, Turkey 2019 - 2023

Postgraduate, Bogazici University, Institute Of Social Sciences, Management Information Systems, Turkey 2017 - 2019

Undergraduate, Middle East Technical University, Faculty of Economic and Administrative Sciences, Department of Business Administration, Turkey 2012 - 2017

Dissertations

Doctorate, Development of a decision-support tool for managing drinking water reservoir by using machine learning and deep learning methods, Middle East Technical University, Graduate School of Informatics, Information Systems, 2023

Postgraduate, Enabling Domestic Digital Transformation:A Methodology for Determining the Country of Origin of IT Products, Bogazici University, Institute Of Social Sciences, Management Information Systems, 2019

Research Areas

Management Information Systems

Academic Titles / Tasks

Research Assistant, Middle East Technical University, Graduate School of Informatics, Information Systems, 2019 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

I.   **Prediction of Water Level in Lakes by RNN-Based Deep Learning Algorithms to Preserve Sustainability in Changing Climate and Relationship to Microcystin**
     Ozdemir S., Ozkan Yildirim S.
     SUSTAINABILITY, vol.15, no.22, 2023 (SCI-Expanded)

II. **A systematic literature review on lake water level prediction models**

ÖZDEMİR S., Yaqub M., ÖZKAN YILDIRIM S.

Environmental Modelling and Software, vol.163, 2023 (SCI-Expanded)

III. **Cybersecurity and Country of Origin: Towards a New Framework for Assessing Digital Product Domesticity**

Ozdemir S., Wynn M., Metin B.

SUSTAINABILITY, vol.15, no.1, 2023 (SCI-Expanded)

IV. **Investigation of poultry slaughterhouse waste stream to produce bio-fuel for internal utilization**

Ozdemir S., Şimşek A., ÖZDEMİR S., Dede C.

Renewable Energy, vol.190, pp.274-282, 2022 (SCI-Expanded)

V. **A techno-sustainable bio-waste management strategy for closing chickpea yield gap**

Ozdemir S., ÖZDEMİR S., Ozer H., YETİLMEZSOY K.

Waste Management, vol.119, pp.356-364, 2021 (SCI-Expanded)

VI. **Agro-economic and ecological assessment of poultry abattoir sludge as bio-nutrient source for walnut plantation in low-fertility soil**

Ozdemir S., Ozdemir S., YETİLMEZSOY K.

ENVIRONMENTAL PROGRESS & SUSTAINABLE ENERGY, vol.38, no.6, 2019 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

I. **News Classification with State-of-the-Art Deep Learning Methods**

Özdemir S.

2024 8th International Artificial Intelligence and Data Processing Symposium (IDAP), Malatya, Turkey, 21 - 22 September 2024, pp.1-5

II. **Is Climate Change a Hoax: Fake News Detection for Sustainability News**

Ozdemir S.

4th International Artificial Intelligence and Data Science Congress, İzmir, Turkey, 14 - 15 March 2024, pp.164-169

III. **Country of Origin Criteria for Digitalization with National IT Products**

Özdemir S., Mutlutürk M. E., Kör B., Metin B.

6th International Management Information Systems Conference, İstanbul, Turkey, 9 - 12 October 2019

Metrics

Publication: 9
Citation (WoS): 36
Citation (Scopus): 49
H-Index (WoS): 3
H-Index (Scopus): 4