

Asst. Prof. Elif Zeynep Serper

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: IZP-6813-2023

ScopusID: 57170903300

Yoksis Researcher ID: 384734

Biography

She received her bachelor's, master's, and doctoral degrees from the Industrial Engineering Department at TOBB University of Economics and Technology. Throughout her graduate studies, she held positions as a research and teaching assistant at TOBB ETU. She joined TED University as an assistant professor in February 2023. Her research endeavors revolve around a range of logistic, transportation, and communication network design applications.

From February 2024 to February 2025, she will be conducting research as a post-doctoral researcher at the University of Waterloo within the scope of "Optimization of Hub Networks for Smart Transportation with Autonomous Vehicles," supported by TUBITAK.

Research Areas

Industrial Engineering

Academic Titles / Tasks

Assistant Professor, TED University, Faculty Of Engineering, Department Of Industrial Engineering, 2023 - Continues

Courses

Summer Practice I, Undergraduate

Network Flows, Postgraduate

Summer Practice II, Undergraduate

Mathematical Modeling and Optimization I, Undergraduate

Published journal articles indexed by SCI, SSCI, and AHCI

I. Coverage and connectivity based lifetime maximization with topology update for WSN in smart grid applications

Serper E. Z., Altin-Kayhan A.

COMPUTER NETWORKS, vol.209, 2022 (SCI-Expanded)

II. The design of capacitated intermodal hub networks with different vehicle types

Serper E. Z., Alumur S. A.

TRANSPORTATION RESEARCH PART B-METHODOLOGICAL, vol.86, pp.51-65, 2016 (SCI-Expanded)