



Academic Biography

Hatice ÖZMÜŞ serves as a Research Assistant in the Department of Electrical and Electronic Engineering at Mersin University. She completed her bachelor's and master's degrees in Electrical and Electronic Engineering and is currently pursuing her PhD.

Her academic research interests include renewable energy systems, solar energy systems, energy production forecasting, machine learning, energy storage systems, lithium-ion batteries, and Battery Management Systems. Her research focuses particularly on forecasting solar energy production using machine learning methods, state estimation in battery systems, and the digitalization of energy storage systems.

Özmüş, who has presented papers at national and international scientific conferences, continues her academic work on the integration of energy systems and digital technologies.

Paper ID : 90- Comparative Assessment of Tree-Based Regression Models for Solar Energy Forecasting