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Paper Title : Solar Irradiance Estimation Framework using Transfer Learning and Explainable Artificial Intelligence

Bio :

Sueda Eren received her Bachelor's degree in Computer Engineering from Gazi University, Ankara, Türkiye. Her research interests include artificial intelligence, machine learning, deep learning, and data analytics. She has conducted several projects focusing on healthcare applications, wildfire prediction using satellite data, and multimodal medical AI systems. She has authored and co-authored academic papers published in IEEE conferences and online research platforms, addressing the use of AI in healthcare and renewable energy forecasting. Her recent research involves the application of transfer learning and explainable AI in solar irradiance estimation.