

## SERHAN KIRLANGIC

Lecturer in the Department of Engineering at Teesside University, UK. He holds a PhD in Civil Engineering from the University of Waterloo, Canada, and has held academic roles across the UK, Turkey, and Canada. His research focuses on non-destructive testing, condition monitoring, and seismic risk assessment of civil infrastructure, with extensive experience in instrumentation and advanced signal processing for feature extraction using ultrasonic and vibration-based testing methods. Serhan's experimental research includes developing techniques for in-situ material characterisation, corrosion assessment of reinforced concrete, crack depth estimation, integrity testing of precast concrete piles, and asphalt pavement quality assessment. He has led research projects supported by EPSRC, TUBITAK, and the ProVention Consortium, and contributed to international projects funded by the EU FP7 programme. As an active member of the academic community, Serhan serves on the EPSRC Peer Review College, the British Council ISPF College of Reviewers, and the TUBITAK review panel. He is also on the Editorial Board of Scientific Reports, a member of the BINDT Civil Engineering Group, and a Fellow of Advance HE.