

Dr Suzana Ilic is a Senior Lecturer in the Lancaster Environment Centre and member of two interdisciplinary centres, Energy Lancaster and the Data Science Institute at Lancaster University. She was an Academic Leader at the Centre for Global Eco-Innovation at Lancaster University. She graduated from the Faculty of Civil Engineering, University of Rijeka, Croatia. Her MSc in Computational Hydraulic at the Institute for Hydraulic and Environment Engineering, Delft, the Netherlands was funded through the Netherlands' Nuffic scholarship. She gained her PhD in Coastal Engineering from the University of Plymouth, UK. She has more than 20 years' experience in the field of coastal hydrodynamics and sediment processes around structures and their interactions. Her work contributes to the design, implementation and operation of marine structures, coastal management, and to the validation and development of numerical models of coastal hydrodynamics and sediment transport. For her research, she uses numerical modelling, field and laboratory experiments. She has also conducted laboratory studies in some of the largest facilities in Europe. She has a successful track record of working with governmental organisations and SMEs.

Her team of post-doctoral researchers and PhD students has implemented innovative and cost-effective field and laboratory monitoring techniques (e.g. video, Particle Image Velocimetry, Structure-from-Motion technique); developed finite-volume nearshore circulation numerical models that predict complex flows in shallow waters and validated commercially available numerical models. In recent years she has become involved in renewable energy projects, including offshore wind farms, tidal and wave devices and small-scale hydro schemes (<https://www.youtube.com/watch?v=70HWI15I8nw>). She initiated an Erasmus exchange scheme between the Lancaster Environment Centre and the Faculty of Science, University of Zagreb. She has a long-standing collaboration with the Faculty of Civil Engineering in Rijeka through coastal research (<https://www.youtube.com/watch?v=OKih8Sjvo0s>), delivery of optional modules on the doctorate studies and through other teaching quality related projects. She is running a field course in 'Environmental and Water Management in Mediterranean Context' for students from Lancaster Environment Centre in collaboration with the Faculty of Civil Engineering in Rijeka since 2003. For delivery of this course, she was awarded the Lancaster University, Pilkington Teaching Award for excellence in teaching.