



André B. Fortunato

[André B. Fortunato](#) is a Principal Researcher at the Laboratório Nacional de Engenharia Civil. He holds a B.Sc. in Civil Engineering, a Ph.D. in Environmental Sciences and Engineering and a Habilitation in Maritime Hydraulics. His activity combines advanced consultancy to solve coastal engineering problems, with research to develop tools and understand physical processes.

His domains of activity cover hydrodynamics, sediment dynamics and water quality, with a focus on: 1) the analysis of hydrodynamic processes in coastal zones, such as tides, waves and storm surges, as well as transport processes; 2) the analysis of the morphological evolution of coastal systems, with a major focus on tidal inlets; 3) the development of operational systems; and 4) the development and analysis of numerical models and methods to simulate coastal processes. He has published about 100 peer-reviewed journal papers. He is the former Head of LNEC's Estuaries and Coastal Zones Division.