

Maria Teresa Viseu

National Laboratory of Civil Engineering

Maria Teresa Viseu is a Research Officer of the National Laboratory of Civil Engineering (LNEC) and the Head of Water Resources and Hydraulic Structures Division of the Water and Environmental Department; She has a PhD on Civil Engineering and works in the expertise areas of hydraulic structures, fluvial hydraulics, hydrology and water resources; She carries research on the development and application of numerical models of floods and dam-break floods, on laboratory experiments of embankments failures as well as on numerical CFD & physical models of flow in hydraulic structures; She coordinates studies and research projects on hydraulic structures behavior, floods & dam risk management, dam-break flood assessment as well as emergency planning; She has been involved dam safety evaluation and risk analysis of most Large Portuguese dams and in several hydraulic model studies of dams in Portugal and Spain; She participated in projects for the UNDP United Nation Development Program, World Bank, North Atlantic Treaty Organization (NATO), 5th, 6th, 7th & Horizon 2020 European Commission Programs, US National Science Program (NSF) as well as for Portuguese Foundation for Science and Technology (FCT).