



Doutora Ana Margarida Ricardo,  
Investigadora do CERIS, membro do Conselho Geral da ULisboa e  
dirigente do SPGL/FENPROF

The scientific interest of Ana M. Ricardo in water resources related subjects has been growing since 2007 when she started her master thesis project on hydrodynamics of flows within vegetated. Since then, she has developed a strong autonomy in laboratory experiments employing laser-based instrumentation (PIV and LDA) and in fundamental research on environmental fluid mechanics. Ana M. Ricardo has the understanding that her research interests are well aligned with the growing environmental concerns relatively to ecology and water quality of freshwater systems. She feels that her skills in conducting fundamental and applied research have sufficiently matured to be useful and consequent in tackling problems whose genesis is the physical-chemical strata but whose impacts are at the ecological and societal strata in a broad range of environment and water resources applications. Completed the Doutoramento in IST-EPFL Joint Doctoral Initiative/Focus Area "Environmental Hydraulics" in 2014/01/24 by École Polytechnique Fédérale de Lausanne and Universidade de Lisboa-Instituto Superior Técnico, Mestrado in 2nd cycle of the course of Integrated Master (MSc) in Civil Engineering in 2008 by Universidade de Lisboa Instituto Superior Técnico and Licenciatura in 1st cycle of the course of Integrated Master (MSc) in Civil Engineering in 2006 by Universidade de Lisboa Instituto Superior Técnico. Is Contracted Researcher in Associação do Instituto Superior Técnico para a Investigação e Desenvolvimento. Published 14 articles in journals. Co-supervised 10 MSc dissertation(s). Has received 2 awards and/or honors. Participates and/or participated as Principal investigator in 1 project(s) and Researcher in 6 project(s). Works in the area(s) of Engineering and Technology with emphasis on Civil Engineering. In his curriculum *Ciência Vitae* the most frequent terms in the context of scientific, technological and artistic-cultural output are: Thermally driven density currents; Wind stress; Lake-wetland interface; Mathematical modelling; Water resources; Data assimilation; Data curation; Civil and Mining

Engineering - Hydraulics; turbulent characterization; interaction flow/vegetation elements; dissipation rate of turbulent kinetic energy; drag coefficient; anisotropy in turbulent flows; Fluvial Hydraulics; Environmental fluid mechanics; River morphology; River hazards; River habitats; Open channel flow turbulence; Field and laboratory studies.