

# **José Melo**

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José Melo is a Ph.D., research officer and project manager of the National Laboratory of Civil Engineering, the main areas of activity cover many fields, with particular emphasis given to hydraulic structures, river hydraulics, hydrology and water resources; he has been carrying out applied research on spillways and other dam appurtenances, with special focus given to issues related with energy dissipation issues and dam safety. He participated in projects for the World Bank as well as for Portuguese Foundation for Science and Technology (FCT); he coordinates studies and research projects on hydraulic structures behavior, floods and dam-break flood assessment; he has been involved dam safety evaluation and risk analysis of Portuguese dams and in several hydraulic model studies in for projects in Portugal, Morocco, Algeria, Mozambique, Angola, France, Spain and Colombia; he is author or co-author of more than 100 publications.