

# João Marcelino

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João Marcelino is a Ph.D, Senior Research Officer Engineer at the Geotechnical Department of the National Laboratory (LNEC) working in the expertise areas of embankment dams, dam safety analysis, mathematical and numerical modelling of dams and other geotechnical structures. Its areas of research are related to dams, material behaviour, with special focus on rockfill, artificial intelligence and its application to dam safety, finite element modelling of dams. He is author or co-author of more than 200 publications including papers in proceedings in national and International symposiums and Reports and Technical Notes from the National Laboratory of Civil Engineering (LNEC). He is responsible for the monitoring and safety evaluation of about 30 large dams in Portugal.