JOSÉ PEDRO MATOS

José Pedro obtained his M.Sc. at Instituto Superior Técnico (IST) in 2008. Following a brief period working as a consultant in water supply, he enrolled in a joint PhD at École Polytechnique de Lausanne (EPFL) and IST. His research, concluded in 2014, centered around machine learning and large-scale hydrology. From 2014 to 2017, José Pedro worked as a post-doc at EPFL, having participated in several projects related to uncertainty, risk, and the operation of complex hydropower systems. From 2017 to 2022, he worked in Gruner-Stucky Ltd., a Swiss company at the forefront of the design of large dams. There, he was deputy head of department (hydropower schemes), leader of the competence center for hydrology, and team leader for hydraulics and hydrology of the Rogun dam (expected to become the highest in the world with 335 m). In 2022, José Pedro returned to IST as Assistant Professor. He focuses on the topics of water resources management, hydrology, operational probabilistic forecasting, machine learning, optimization, and risk.