

IST – LNEC Joint doctoral Initiative

Dissertation Proposal

TITLE: Performance assessment of urban stormwater systems
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Short Description (up to 500 characters)

Stormwater systems are vital to public health and safety, population well-being, sustainable development and environmental protection. Their management needs to cope with urban growth and development, climate change, environmental and safety concerns. High related investments justify the need to implement appropriate and viable solutions and to manage them assuring their sustainability. The objective is to develop a performance assessment framework for these systems to quantify effectiveness, efficiency and sustainability, thus supporting managers in decision making on both conventional and non-conventional stormwater solutions implementation and management.
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Keywords: performance metrics, performance assessment, urban drainage management, stormwater systems

Supervisors

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Planned start date: 2016

Doctoral Program: Civil Engineering, IST
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