

IST – LNEC track

Doctoral program: Civil Engineering

Thesis Topic Proposal Form

TITLE: Change in Hydrological Extremes

Short Description (up to 500 characters)

Studies in hydrological extreme events, such as floods and droughts, are becoming increasingly aware of the evidence of trends in the data series.
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Problems of global warming induced changes in rainfall and its implications in runoff can be approached either by deterministic numerical modeling or statistical downscaling methods.
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Due to the sometimes scarce basic data for the analyses needed in a global change context, the use of proxy data is of paramount importance.
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In this doctoral topic proposal it is expected to tackle the problem of change in the hydrological extremes, both in terms of magnitude and frequency.
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Keywords:

SUPERVISORS

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Planned start date: 2017/03/01

Start institution (IST or LNEC): LNEC
