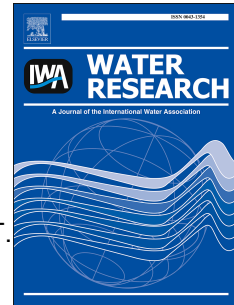


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Modelling transitions in urban water systems

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18

Abstract

19 Long term planning of urban water infrastructure requires acknowledgement that

20 transitions in the water system are driven by changes in the urban environment, as

21 well as societal dynamics. Inherent to the complexity of these underlying processes is

22 that the dynamics of a system's evolution cannot be explained by linear cause-effect

23 relationships and cannot be predicted under narrow sets of assumptions. Planning

24 therefore needs to consider the functional behaviour and performance of integrated

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