Urban flood resilience

Theme issue compiled and edited by Richard Fenner

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About this issue

Providing flood resistant urban infrastructure which is resilient to both future climate uncertainties and increasing urbanisation is a pressing challenge globally. This issue brings together current UK and international developments in: understanding the changing drivers of flooding; advances in flood modelling; pathways to multifunctional infrastructure that can provide multiple benefits; social, community and economic interaction with flood management interventions, and the effectiveness of flood recovery responses. An international perspective is also captured on how countries are reacting to the need for achieving urban flood resilience. A paradigm shift is needed which moves from the risks of draining water “away” to creating the opportunities from capturing stormwater locally and utilising it as a component of urban regeneration and urban greening.

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