

Special Issue

Modelling of Floods in Urban Areas

Message from the Guest Editors

The aim of this Special Issue is thus to publish the latest advances and developments concerning the modelling of flooding in urban areas and contribute to our scientific understanding of the flooding processes and the appropriate evaluation of flood risk. It is anticipated that this issue will contain contributions of novel methodologies including (but not limited to) flood forecasting methods, data acquisition techniques, experimental research in urban drainage systems and/or sustainable drainage systems and new numerical approaches. We further encourage the submission of original research, synthetic reviews or case study papers applying numerical or experimental modelling techniques in order to study the following topics: Shallow overland flows over urban terrains Flood forecasting Evaluation of urban flood risk Drainage system/surface flow interactions Calibration and validation Uncertainty quantification The accepted papers will be published as open access ensuring widespread availability.

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2020)



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In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

Editor-in-Chief

Dr. Jean-Luc PROBST

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