



Hydrology of Urban Catchments

Guest Editors:

Prof. Dr. Luis Cea

GEAMA (Environmental and Water Engineering Group),
Department of Civil Engineering,
University of A Coruña, Campus
de Elviña s/n, 15008 A Coruña,
Spain

Prof. Dr. Jorge Leandro

Hydromechanik and Hydraulic
Engineering, University of Siegen,
Siegen, Germany

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closed (30 November 2018)

Message from the Guest Editors

The aim of this Special Issue is to publish recent advances and developments in the numerical simulation of floods, data acquisition, flood forecasting and characterization of hydrological processes in urban catchments.

We encourage the submission of original research, synthetic reviews or case study papers using both, numerical modelling or experimental techniques in order to study any of the following topics:

- Rainfall runoff simulation in urban catchments
- Sustainable drainage design and management in urban catchments
- Flood forecasting in urban catchments
- Characterisation of urban drainage structures as gullies, manholes, grates, storm water tanks, among others
- Urban resilience
- Rainfall variability in urbanized environments
- Characterisation of sediment and pollutant wash-off loads in urban drainage systems
- Calibration, validation and uncertainty characterisation in urban drainage models





Editor-in-Chief

Prof. Dr. Jesus Martinez-Frias

Instituto de Geociencias, IGEO
(CSIC-UCM), C/ Del Doctor Severo
Ochoa 7, Edificio
Entrepabellones 7 y 8, 28040
Madrid, Spain

Message from the Editor-in-Chief

Understanding the Earth's origin and its bio-geological evolution, the multiple implications of the geosciences (as a coherent set of interconnected disciplines), and the sociocultural and ethical interdisciplinary approaches, will be crucial for a better understanding of Nature, and also for undertaking scientifically based political decisions.

We are committed to drive *Geosciences* to a position in which it is recognized for its high-quality, cutting-edge research and scientific influence, and strongly encourage and invite your participation and manuscripts.

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Geosciences Editorial Office
MDPI, St. Alban-Anlage 66
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