Special Issue

Catchment Modelling

Message from the Guest Editor

Water management within a catchment remains an important problem, with these problems becoming increasingly complex. The data necessary for water management within a catchment can be obtained from either catchment modelling or catchment modelling. Data inadequacy can occur, for example, from lack of suitable monitored data at the desired location, future events not yet moniitored, and catchment conditions not yet in existence; usage of a catchment model in this manner can be considered as an extrapoltaion process.

Hence, new insights into prediction reliability and uncertainty from catchment models, and the inherent errors in catchment modelling are the focus of many current studies. This Special Issue welcomes contributions that:

- Focus on prediction reliability and uncertainty from use of catchment models;
- Focus on errors in catchment models and management of these errors; and
- Focus on novel calibration and validation approaches for catchment models.

Guest editor

Guest Editor

Prof. James E. Ball

School of Civil and Environmental Engineering, University of Technology Sydney, 15 Broadway, Ultimo, NSW 2007, Australia

Deadline for manuscript submissions

closed (31 October 2018)

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/si/14948

Water
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
water@mdpi.com

mdpi.com/journal/water

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/journal/water

About the Journal

Message from the Editor-in-Chief

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
Centre de Recherche sur la Biodiversité l'Environnement (CRBE) UMR CNRS/UPS/INPT/IRD, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, Toulouse, France

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, GeoRef, PubAg, AGRIS, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank:

JCR - Q2 (Water Resources) / CiteScore - Q1 (Aquatic Science)

MDPI