

Editor in Chief

Orazio Giustolisi

Department of Civil Engineering and Architecture, via Orabona n.4, 70125, Bari, Italy

Associate Editors

Amin Elshorbagy

University of Saskatchewan, 57 Campus Drive, Saskatoon, SK S7N 5A9, Canada. amin.elshorbagy@usask.ca

Pilar Garcia Navarro

Fluid Mechanics, University of Zaragoza, Calle Pedro Cerbuna, 12, 50009 Zagora, Spain. pigar@unizar.es

Philippe Gourbesville

Nice-Sophia Antipolis University / Polytech Nice Sophia, 930 route des Colles, 06903 Sophia Antipolis, France. Philippe.Gourbesville@unice.fr

Gwo-Fong Lin

Department of Civil Engineering, National Taiwan University, Taipei 10617, Taiwan. gflin@ntu.edu.tw

Ole Mark

DHI, Agern Allé 5, DK-2970 Hørsholm, Denmark. omj@dhigroup.com

Dragan Savic

College of Engineering, Mathematics and Physical Sciences, University of Exeter, Harrison Building, North Park Road, Exeter EX4 4QF, UK. D.savic@exeter.ac.uk

Dimitri P. Solomatine

UNESCO-IHE Institute for Water Education, PO Box 3015, 2601 DA Delft, The Netherlands. d.solomatine@unesco-ihe.org

Zoran Vojinovic

UNESCO-IHE Institute for Water Education, P.O. Box 3015, 2601 DA Delft, The Netherlands. z.vojinovic@unesco-ihe.org

Thorsten Wagener

Department of Civil Engineering, University of Bristol, Queen's Building, University Walk, Bristol BS8 1TR, UK. thorsten.wagener@bristol.ac.uk

Founding Editors

Professor Michael B. Abbott

Knowledge Engineering BVBA, Belgium

Professor Roger A. Falconer

Cardiff University, UK

Advisory Board

Professor Michael B. Abbott, Knowledge Engineering BVBA, Belgium
Professor Petros Anagnostopoulos, University of Thessaloniki, Greece
Professor Vladan Babovic, National University Singapore, Singapore
Professor James Ball, University of Technology Sydney, Australia
Professor Ni-bin Chang, University of Central Florida, USA
Dr Yenory Morales Chaves, Deltares, The Netherlands
Professor Qiuwen Chen, Chinese Academy of Sciences, China
Professor Ian Cluckie, Swansea University, UK
Professor Paulin Coulibaly, McMaster University, Canada
Professor Roger A. Falconer, Cardiff University, UK
Mr David Fortune, Micro Drainage Ltd, UK
Professor Peter Goodwin, University of Idaho, USA
Professor Vincent Guinot, University of Montpellier, France
Professor Jim Hall, Oxford University, UK
Dr Hamish Harvey, University of Newcastle upon Tyne, UK
Dr Marko Ivetic, University of Belgrade, Serbia
Professor Norman L. Jones, Brigham Young University, USA
Dr Andreja Jonoski, UNESCO – IHE, The Netherlands
Professor Zoran Kapelan, University of Exeter, UK
Dr Vedrana Kutija, University of Newcastle upon Tyne, UK
Dr Daniele Laucelli, Technical University of Bari, Italy
Dr David Lemon, CSIRO Land and Water – Black Mountain, Australia
Professor Dr Chi Wai Li, The Hong Kong Polytechnic University, Hong Kong
Professor Shie-Yui Liong, Tropical Marine Science Institute, Singapore
Associate Professor Shuming Liu, Tsinghua University, China
Professor Dr D. P. Loucks, Cornell University, USA
Dr Henrik Madsen, DHI Water & Environment, Denmark
Dr Christos K. Makropoulos, National Technical University of Athens, Greece
Dr Anthony Minns, WL | Delft Hydraulics, The Netherlands
Professor Arthur Mynett, WL | Delft Hydraulics, The Netherlands
Professor Philip O'Kane, University College Cork, Republic of Ireland
Dr Michael Piasecki, The City College of New York, USA
Professor Roland Price, UNESCO-IHE, The Netherlands
Dr Patrick Reed, The Pennsylvania State University, USA
Professor Dr Kaoru Takara, Kyoto University, Japan
Professor Ramesh S. Teegavarapu, Florida Atlantic University, USA
Dr Slavco Velickov, Bentley Systems Europe B.V., The Netherlands
Dr Robert Wallace, US Army Corps of Engineers, USA
Professor Larry Weber, University of Iowa, USA
Professor Nigel Wright, University of Leeds, UK

Aims and Scope

Journal of Hydroinformatics is a peer-reviewed journal devoted to the application of information technology in the widest sense to problems of the aquatic environment. It will strive to promote Hydroinformatics as a cross-disciplinary field of study, combining technological, human-sociological and more general environmental interests, including an ethical perspective.

Contributions will be published in the following areas:

Physically based simulation modelling
Numerical methods
Data-driven modelling and management
Artificial neural networks
Evolutionary methods
Cellular automata
Modelling systems
Geographic information systems and virtual imaging
Ecology and water quality modelling
Environmental impact assessment
Knowledge engineering and management
Socio-economic framework
Intelligent decision support, negotiation and management
Education and training
Internet-based applications
Optimisation and control
Risk analysis, fuzzy logic and management of uncertainty
Tools, environments and languages

Submission

All manuscripts should be submitted electronically through our Online Submission and Peer Review System: <https://www.editorialmanager.com/hydro>. Authors should prepare their papers in accordance with the current *Instructions for Authors*, available at <http://iwaponline.com/content/instructions-authors>, or from the Editorial Office at the address given inside the back cover.

Copyright © 2016 IWA Publishing

Except as otherwise permitted under the Copyright, Designs and Patents Act, 1988, this publication may only be reproduced, stored or transmitted, in any form or by any other means, with the prior permission in writing of the publisher, or in the case of xerographic reproduction, in accordance with the terms of a licence issued by the Copyright Licensing Agency. In particular, IWA Publishing permits the making of a single photocopy of an article from this issue (under Sections 29 and 38 of this Act) for an individual for the purposes of research or private study.

US Mail Identification Statement

Journal of Hydroinformatics is published six times a year in January, March, May, July, September and November. The annual subscription price for 2016, including postage, is given on the inside back cover. Full details of subscriptions (including electronic access) can be obtained on request from the distribution agents, Turpin Distribution Ltd, at the address given on the inside back cover. IWA Publishing is a company registered in England, no. 3690822.

US publishing office: *Journal of Hydroinformatics*, c/o Mercury Airfreight International Ltd, 365 Blair Road, Avenel, NJ 07001, USA. Periodicals postage paid at Rahway, NJ, USA.
Postmaster: please send address corrections to *Journal of Hydroinformatics*, c/o Mercury Airfreight International Ltd, 365 Blair Road, Avenel, NJ 07001, USA.