Environmental Modelling & Software 72 (2015) 272–273

Contents lists available at ScienceDirect

Environmental Modelling & Software

journal homepage: www.elsevier.com/locate/envsoft

Editorial

Top 10 reviewers for Environmental Modelling and Software in 2014

Over the last few years, the journal has strengthened its position at the frontier of environmental modelling, software and decision support, as an indication achieving an Impact factor of 4.420 for 2015 (5-year: 4.359). This successful progress would not be possible without our dedicated reviewers. We are very grateful to every one of the 1093 reviewers who devoted their time, expertise and efforts to the journal in 2014. Their support has ensured the very high quality and scientific validity of our publications, and served to advance the journal's aim of improving our capacity to represent, understand, predict or manage the behaviour of environmental systems at all practical scales, and to communicate those improvements to a wide scientific and professional audience.

Every year, the Editors select ten outstanding reviewers who have provided exceptional contributions to the journal. These 'Outstanding Reviewer Awards' recipients are shortlisted by the Editors based on the rigor, constructiveness and timeliness of their reviews in addition to the number of reviews performed. A special mention is given to Joseph Guillaume, the "Reviewer of the Year."

The awardees for 2014 and their scientific interests are:

Joseph Guillaume, Aalto University, Finland works on improving the critical use of modelling within transdisciplinary and decision support contexts. His research involves synthesizing existing knowledge and exploring new approaches to define and structure analyses, address uncertainties, assess model identifiability, and make effective use of model scenarios. Case studies to date have focused on various problems related to integrated water resource management, from catchment to global scale, including hydrological and hydro-economic modelling, ecological suitability, and food and water security.

Stefano Alvisi, University of Ferrara, Italy is an assistant professor of Hydrology and has a background in data-driven techniques for real time flood forecasting models, paying particular attention to new approaches for uncertainty characterization. His current primary research interests lie in the field of water distribution system modelling, and in water demand forecasting in particular.

Masoud Asadzadeh, University of Manitoba, Canada has a background in the analysis of environmental and water resources systems. He has contributed to the development of efficient and parsimonious optimization algorithms for solving hydrologic model calibration, reservoir operation, and water distribution system problems. Recent work focuses on incorporating detailed information on land operations into hydrologic models to advance understanding and modelling the hydrologic and water quality behaviour of watershed systems.

Jim Ascough, USDA-ARS Agricultural Systems Research Unit, USA, is a Research Hydrologic Engineer. Primary research interests centre around component-based modelling, water quantity/quality issues, and climate change effects on agroecosystem processes. Recent work includes development of a spatially-distributed hydrologic/water quality model for evaluation of agricultural management and conservation system effects.

Marina Erechtchoukova, York University, Canada applies information technology to environmental sustainability. Her research is in the areas of environmental software and model development, data-driven and model driven environmental decision support including application of machine learning techniques to water resources management, hydrodynamic and water quality simulations, and optimization of water quality monitoring.

Kathleen Fowler, Clarkson University, USA is a computational Applied Mathematician specializing in simulation-based derivative-free optimization for engineering design problems, developing hybrid-algorithms for constrained optimization, and mathematical modeling. She has applied her expertise to a broad range of fields including polymer processing, psychology, physiology, water quality, remediation, and agricultural practices.

Serena Hamilton, Edith Cowan University, Australia has a background in water resources management. Her research involves integrated assessment and modelling for improving understanding of system linkages and feedbacks and management of environmental resources and assets. Her recent focus has been on developing and evaluating Bayesian network models particularly in the field of ecohydrology.

Jon Herman, University of California, Davis, USA is an Assistant Professor of Civil & Environmental Engineering with a focus on water resources planning and management. His primary research interests include multi-objective optimization to explore tradeoffs between water uses, and sensitivity analysis as a tool for decision support under uncertainty.

Joseph Kasprzyk, University of Colorado Boulder, USA, holds a PhD in Civil Engineering. His research advances evolutionary algorithms, model diagnostics, and high performance computing for multi-objective tradeoff analysis. Recent work, in collaboration with stakeholders, has focused on water supply management in the front range of Colorado and improving drinking water quality under climate extremes and watershed perturbations.

Val Snow, AgResearch, New Zealand has interests in many types of modelling but concentrates on mechanistic modelling of grazed agricultural systems which present some interesting modelling challenges resulting from the animal-mediated transfers of nutrients within the system. She applies this work within the context

http://dx.doi.org/10.1016/j.envsoft.2015.09.003
1364-8152/

of implementation of new technologies within the farming system and also in support of the development and implementation of national and regional land use policy.

The Editors congratulate these awardees and thank them for their valuable efforts and contributions. We will be presenting their awards at the upcoming 8th iEMSs biennial meeting in Toulouse, France in July 2016.

Anthony J. Jakeman
Daniel Ames
Ioannis N. Athanasiadis
Andrea E. Rizzoli
Alexey A. Voinov