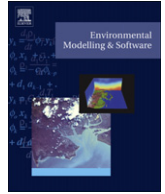




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Editorial

Outstanding reviewers for environmental modelling and software in 2007

In recognition of our reviewers and to encourage high standards of constructive assessment in the journal, the Editors of EMS have instituted 'Outstanding Reviewer Awards.' These awards will be made annually through consultation among the Editors. The criteria for awards are based on constructiveness and depths of reviews, with some weight being given also to the number of reviews undertaken, as well as the turnaround time for the reviews. In any 1 year, a minimum of two reviews is required. In 2007, some 597 reviewers served to give the editors sound advice regarding the scientific merit of these works. Out of these reviewers we selected 10 awardees. We thank these individuals for their service and dedication to advancing the journal's aims which are:

- to improve 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
- to focus on problem-driven integrated approaches to addressing multiple issues; generic methods that relate to a wide range of modelling and software sectors; and credible well-evaluated applications that provide new insights and lessons for scientists and managers
- to provide high quality and in-depth information about the latest advances in the science and decision support in a timely fashion.

The awardees for 2007 and their scientific interests are:

Veronique Adriaenssens, Environment Agency, UK has a background in ecology and environmental sciences. Her interests are in the development of decision support techniques for river basin management. She currently manages projects developing biological classification tools, understanding natural variability in biological communities in rivers and providing advice on how to deal with uncertainty.

Ioannis N Athanasiadis, IDSIA, Switzerland has interests in intelligent information systems, software engineering in environmental informatics, ontologies and semantic modelling, intelligent software agents, agent-based modelling and simulation, decision support systems, machine learning, data and knowledge engineering.

Allen Bateman, Hydraulic Universitat Politècnica de Catalunya, Spain has interests focused on environmental problems related to river morphodynamics, local scour, floods under GIS, debris flows, density currents, drought, contaminant dispersion and diffusion in rivers, and entrainment in lakes and reservoirs.

Rebecca Buchanan, University of Washington, USA has a doctorate in Quantitative Ecology and Resource Management. Her interests are in population dynamics, with a focus on release-recapture models of the migratory life stages of various species. She is currently

developing statistical models for the juvenile and adult migrations of Pacific salmonids in the Columbia River Basin in the USA.

Neil Crout, University of Nottingham, UK has worked on the prediction of radionuclide and heavy metal transfer in the environment, principally from soil to plant to animal. He also has interests in crop and ecosystem models. Some of his current work is related to reducing the complexity of models and assessing over-parameterisation.

Suzana Dragicevic, Simon Fraser University, Canada has a background in geographic information systems (GIS) and science. This includes research interests in spatial analysis and modelling, cellular automata and agent based modelling, fuzzy sets and artificial intelligence, spatial decision support systems, collaborative and Web GIS, and applications in land use/land cover changes, forestry and ecology.

Ari Jolma, Helsinki University of Technology, Finland is a civil engineer with a particular interest in water and geospatial information technology. He has a continuing interest in how to support environmental planning and management with data and models in interaction with computers.

Lachlan T H Newham, Australian National University has a background in environmental science and GIS. His interests are in integrated water quality management and decision support. He works in coastal and inland catchments, presently prioritizing management actions for control of diffuse pollutant sources by integrating biophysical source tracing, observational data and models with socioeconomic information on management costs and asset values.

Marcel van Oijen, Centre for Ecology and Hydrology, UK develops models for the biogeochemistry of managed forests and grasslands. He uses Bayesian methods for quantifying and analysing uncertainties associated with process-based ecosystem models.

Andre Zenger, CSIRO Sustainable Ecosystems, Australia develops geospatial technologies and decision support tools for addressing natural resource management challenges, with a particular emphasis on biodiversity research. He is constructing methods for mapping native vegetation condition at regional scales through an integration of remote sensing and spatial statistical modeling.

The Editors congratulate the awardees and thank them for their efforts.

Anthony J Jakeman*
Andrea E Rizzoli
Alexey A Voinov
Editors

* Corresponding author.

E-mail address: tony.jakeman@anu.edu.au (A.J. Jakeman)

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