



Outstanding reviewers for Environmental Modelling and Software in 2009

Reviewers are key to the quality of Environmental Modelling and Software. They provide their advice, expertise and professional opinion on papers submitted to the journal to help ensure scientific rigour and validity in the works published. In 2009, 646 reviewers graciously provided their time and effort to the journal, and of these ten have been shortlisted to receive 'Outstanding Reviewer Awards'. These awards are presented annually to recognize the dedication of those reviewers and to encourage high standards of constructive assessment in the journal. The selection of awardees was based on the constructiveness and depths of reviews, the number of reviews performed and the timeliness of the reviewers. We thank these awardees and all reviewers for contributing to the success of the journal and serving to advance EMS'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 2009 and their scientific interests are:

Mike Bithell, University of Cambridge, UK is interested in understanding the interaction of environmental processes with human systems, and the adaptation of social dynamics to environmental change, using agent-based modelling to simulate social processes, individual-based models to simulate ecologies and discrete-element models to represent physical flows. *Mark E. Borsuk, Dartmouth College, USA* is an expert on environmental applications of Bayesian networks and teaches graduate-level courses in statistics and decision-analysis. His research centres on the development and application of integrative models for environmental decision support. A current area of interest is the development of decision theoretic models of global climate change.

Bastiaan Geelhoed, Delft University of Technology, The Netherlands has a PhD in the theory of material sampling. His current work will lead to practical and theoretical innovations in a wide range of applications, including: environmental sampling, food/feed sampling, sampling in the pharmaceutical industry and sampling in the field of mining and minerals. *Natasha Herron, Australian National University* has interests in all aspects of water resource

management, particularly hydrologic processes and modelling. She is currently working on the development of groundwater-surface water interactions models, a spatially-distributed hydrologic model for land cover change and a water resources risk assessment model, which she hopes will contribute to better water resource management in Australia.

Sven Lautenbach, UFZ – Helmholtz Centre for Environmental Research, Germany has a PhD in applied system science. He works on model integration, decision support systems, water quality and quantity issues, land use change, land use change optimization approaches as well as on ecosystem services. *Gary Polhill, Macaulay Land Use Research Institute, UK* has a background in artificial intelligence and neural networks. His research has focused on agent-based modelling of coupled human-natural systems, and on semantic tools for facilitating, describing and integrating social and environmental simulations.

Nigel W.T. Quinn, Berkeley National Laboratory, USA holds research positions at several California campuses in addition to having a long term association with the US Bureau of Reclamation. His primary research interests lie in the field of environmental decision support, salinity management, remote sensing and managed wetland hydrology. Recent work has included water and land resource management related to algae biofuel production.

Alex Smajgl, CSIRO Sustainable Ecosystems, Australia is an Environmental Economist and Systems Modeller. He is very interested in designing and conducting participatory research and what role modelling can play to enhance (social) learning. He worked with various modelling techniques in Southeast Asia, Australia, and Europe.

Craig Stow, NOAA Great Lakes Environmental Research Laboratory, USA has a background in statistical modelling and limnology, with interests in the use of modern quantitative methods such as Bayesian inference to better understand cause and effect relationships in aquatic ecosystems and the processes that contribute to ecological resilience. *Peter Verburg, VU University Amsterdam, The Netherlands* is professor of Environmental Spatial Analysis and has an interest in simulating the dynamics of human-environment systems in order to explore the role of feedbacks between different spatial and temporal scales within land use change. He has a special interest in translating modelling results to information to support decision making processes.

The Editors congratulate these awardees and thank them for their efforts and contributions.

Anthony J Jakeman

Andrea E Rizzoli

Alexey A Voinov

Ioannis N Athanasiadis