Contents

Hydrochemical changes in a reservoir that receives water contaminated by acid mine drainage
M. L. de la Torre, J. A. Grande, T. Valente, M. Santisteban and J. C. Cerón

Modelling impacts of seasonal wastewater treatment plant effluent permits and biosolid substitution for phosphorus management in catchments and river systems
P. G. Whitehead, M. N. Futter, S. Gomber, D. Butterfield, L. Pope, R. Williams and C. Burgess

Relations between groundwater flow in an unconfined aquifer and seepage patterns in a closed-basin lake in glacial terrain
Marko Vainu, Jaanus Terasmaa and Marko Haeim

Spatial rainfall prediction using optimal features selection approaches
Keyvan Asghari and Mohsen Naseri

Uncertainty in calibrating generalised Pareto distribution to rainfall extremes in Lake Victoria basin
Charles Onyutha and Patrick Willems

Water quality assessment using multivariate statistical techniques in Rio Tercero Reservoir, Argentina
Matias Bonansea, Claudia Ledesma, Claudia Rodriguez and Lucio Pinotti

The extrapolation of the leaf area-based transpiration of two xerophytic shrubs in a revegetated desert area in the Tengger Desert, China
L. Huang, Z. Zhang and X. Li

Probabilistic nature of storage delay parameter of the hydrologic model RORB: a case study for the Cooper’s Creek catchment in Australia
Hitesh Patel and Ataur Rahman

Characterisation of dissolved organic matter in the Lower Kinabatangan River, Sabah, Malaysia
Sahana Harun, Andy Baker, Chris Bradley, Gilles Pinay, Ian Boomer and R. Liz Hamilton

Water quality in two Icelandic rivers: the influence of impoundment, agriculture, glaciation and permafrost
Nicholas Jones and Chris Parker

A reflection on the long-term water balance of the Upper Indus Basin
P. Reggiani and T. H. M. Rientjes

Assessing droughts using meteorological drought indices in Victoria, Australia
Siti Nazahiyah Rahmat, Niranjali Jayasuriya and Muhammed Bhuayan