

Water Resources Management

Volume 26 · Number 13 · October 2012

Predicting Transient Storage Model Parameters of Rivers by Genetic Algorithm

R.R. Sahay 3667

Erratum to: Predicting Transient Storage Model Parameters of Rivers by Genetic Algorithm

R.R. Sahay 3687

Local Markets for Payments for Environmental Services: Can Small Rural Communities Self-Finance Watershed Protection?

M.D. Kaplowitz · F. Lupi · O. Arreola 3689

Stage and Discharge Forecasting by SVM and ANN Techniques

S.K. Aggarwal · A. Goel · V.P. Singh 3705

Mitigating the Water Footprint of Export Cut Flowers from the Lake Naivasha Basin, Kenya

M.M. Mekonnen · A.Y. Hoekstra · R. Becht 3725

Resilience Assessment of Water Resources System

D. Liu · X. Chen · T. Nakato 3743

Urban Rainwater Utilization and its Role in Mitigating Urban Waterlogging Problems—A Case Study in Nanjing, China

X. Zhang · M. Hu · G. Chen · Y. Xu 3757

Performance of a Monthly Streamflow Prediction Model for Ungauged Watersheds in Spain

J. Vicente-Guillén · E. Ayuga-Telléz · D. Otero · J.L. Chávez · F. Ayuga · A.I. García 3767

Integrated Reservoir Management System for Flood Risk Assessment Under Climate Change

H.-I. Eum · A. Vasan · S.P. Simonovic 3785

Do Environmental Stream Classifications Support Flow Assessments in Mediterranean Basins?

O. Belmar · J. Velasco · F. Martínez-Capel · M. Peredo-Parada · T. Snelder 3803

Capacity Building as A Policy Instrument in Water Conservation: A Case Study on Commercial, Industrial, and Institutional Consumers

L.K. Reed 3819

The Contribution of Conservation Practices in Reducing Runoff, Soil Loss, and Transport of Nutrients at the Watershed Level

E.O. Rocha · M.L. Calijuri · A.F. Santiago · L.C. de Assis · L.G.S. Alves 3831

Formulation of the Evolutionary-Based Data Assimilation, and its Implementation in Hydrological Forecasting

G. Dumedah 3853

Sustainable Irrigation Planning with Imprecise Parameters under Fuzzy Environment

D.G. Regulwar · J.B. Gurav 3871

Multi criteria Analysis of Hydraulic Structures for River Training Works

M. Markovic 3893

Determination of Seawater Intrusion via Hydrochemicals and Isotopes in Bafra Plain, Turkey

H. Arslan · B. Cemek · Y. Demir 3907

The Impact of Extreme Low Flows on the Water Quality of the Lower Murray River and Lakes (South Australia)

L.M. Mosley · B. Zammit · E. Leyden · T.M. Heneker · M.R. Hipsey · D. Skinner · K.T. Aldridge 3923

Energy Production in Water Distribution Networks: A PAT Design Strategy

A. Carravetta · G. Del Giudice · O. Fecarotta · H.M. Ramos 3947

Water Resources Allocation Using a Cooperative Game with Fuzzy Payoffs and Fuzzy Coalitions

A. Abed-Elmdoust · R. Kerachian 3961