

# **Water Resources Management**

**Volume 26 · Number 10 · August 2012**

**Comprehensive Evaluation Method of Urban Water Resources Utilization Based on Dynamic Reduct**

L. Deng · S. Chen · B. Karney 2733

**Factors Driving Water Utility Rate Structure Choice: Evidence from Four Southern U.S. States**

C.N. Boyer · D.C. Adams · T. Borisova · C.D. Clark 2747

**Hydro-Climatological Drought Analyses and Projections Using Meteorological and Hydrological Drought Indices: A Case Study in Blue River Basin, Oklahoma**

L. Liu · Y. Hong · C.N. Bednarczyk · B. Yong · M.A. Shafer · R. Riley · J.E. Hocker 2761

**Artificial Neural Network Models of Watershed Nutrient Loading**

R.J. Kim · D.P. Loucks · J.R. Stedinger 2781

**On the Implementation and Performance of Water Rights Buyback Schemes**

C. Marchiori · S.S. Sayre · L.K. Simon 2799

**Statistical Approach for Comprehensive Planning of Watershed Development Through Artificial Recharge**

P. Banerjee · V.S. Singh 2817

**Optimal Short-term Reservoir Operation with Integrated Long-term Goals**

J. Sreekanth · B. Datta · P.K. Mohapatra 2833

**The Importance of Data Acquisition Techniques in Saltwater Intrusion Monitoring**

M. Mastrocicco · B.M.S. Giambastiani · P. Severi · N. Colombani 2851

**An Evaluation of Four Reference Evapotranspiration Models in a Subtropical Climate**

A. Rahimikhoob · M.R. Behbahani · J. Fakheri 2867

**Economic Costs of Sustaining Water Supplies: Findings from the Rio Grande**

F.A. Ward · M. Pulido-Velazquez 2883

**A Nonlinear Interval Model for Water and Waste Load Allocation in River Basins**

M.R. Nikoo · R. Kerachian · A. Karimi 2911

**The Fallibility of Flood Warning Chains: Can Europe's Flood Warnings Be Effective?**

D.J. Parker · S.J. Priest 2927

**The Social Sustainable Aquifer Yield: An Indicator for the Analysis and Assessment of the Integrated Aquifers Management**

J.-L. Molina · S. Martos-Rosillo · C. Martín-Montañés · S. Pierce 2951

**Impact of Deterioration and Negotiation on Sewer System O&M Contracts from the Real Option Perspective**

T. Park · B. Kim · H. Kim 2973

**Water Cognition and Cognitive Affective Mapping: Identifying Priority Clusters  
Within a Canadian Water Efficiency Community**

S.E. Wolfe 2991

**Multi Objective Sustainable Irrigation Planning with Decision Parameters and Decision  
Variables Fuzzy in Nature**

J.B. Gurav · D.G. Regulwar 3005

**Hydrologic and Water Quality Modeling of Lower Nestos River Basin**

I. Boskidis · G.D. Gikas · G.K. Sylaios · V.A. Tsihrintzis 3023