

Incluimos en este apartado la relación de artículos publicados en las revistas de mayor impacto en el campo de la Ingeniería Hidráulica, con fecha posterior a la impresión del ejemplar anterior de nuestra revista. No se reseñan aquellos artículos cuyo contenido cae fuera de nuestras áreas de interés o bien aquéllos que presentan una extrema especificidad.

Agricultural Water Management

<http://www.elsevier.nl/locate/agwat>

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- Irrigation application efficiency and deep drainage potential under surface irrigated cotton. R.J. Smith, S.R. Raine y J. Minkevich, pp. 117-130
- Water quality assessment of different reservoir types in relation to nutrient solution use in hydroponics. Dietmar Schwarz, Rita Grosch, Wolfgang Gross y Sabine Hoffmann-Hergarten, pp. 145-166
- Cotton yield and water use efficiency at various levels of water and N through drip irrigation under two methods of planting. M.S. Aujla, H.S. Thind y G.S. Buttar, pp. 167-179



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- Water requirement of drip irrigated tomatoes grown in greenhouse in tropical environment. Harmanto, V.M. Salokhe, M.S. Babel y H.J. Tantau, pp. 225-242
- Effect of drip irrigation management on yield and quality of field grown green beans. S. Metin Sezen, Attila Yazar, Muzaffer Canbolat, Salim Eker y Gulendam Çelikel, pp. 243-255

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- Recycled water valuation as a corollary of the 2000/60/EC water framework directive. K.P. Tsagarakis, pp. 1-14
- A statistical approach to estimating runoff in center pivot irrigation with crust conditions. P.B. Luz y D. Heermann, pp. 33-46
- Determination of ponding time and number of on-off cycles for sprinkler irrigation applications. Cafer Gencoglan, Serpil Gencoglan, Hasan Merdun y Kenan Ucan, pp. 47-58

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- Evapotranspiration of horticultural crops in an unheated plastic greenhouse. F. Orgaz, M.D. Fernández, S. Bonachela, M. Gallardo y E. Fereres, pp. 81-96
- Peach tree response to single and combined deficit irrigation regimes in deep soils. J. Girona, M. Gelly, M. Mata, A. Arbonès, J. Rufat y J. Marsal, pp. 97-108
- Evaluation of transpiration in adult apricot trees from sap flow measurements. E. Nicolas, A. Torrecillas, M.F. Ortuño, R. Domingo y J.J. Alarcón, pp. 131-145

Volumen 72, Número 3, Abril 2005

- Salt tolerance analysis of chickpea, faba bean and durum wheat varieties: I. Chickpea and faba bean. N. Katerji, J.W. van Hoorn, A. Hamdy, M. Mastrorilli y T. Oweis, pp. 177-194
- Salt tolerance analysis of chickpea, faba bean and durum wheat varieties: II. Durum wheat. N. Katerji, J.W. van Hoorn, A. Hamdy, M. Mastrorilli, M.M. Nachit y T. Oweis, pp. 195-207
- Assessing temporal stability and spatial variability of soil water patterns with implications for precision water management. G.C. Starr, pp. 223-243

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- Effect of drip irrigation on squash (Cucurbita pepo) yield and water-use efficiency in sandy calcareous soils amended with clay deposits. A.M. Al-Omran, A.S. Sheta, A.M. Falatah y A.R. Al-Harbi, pp. 43-55

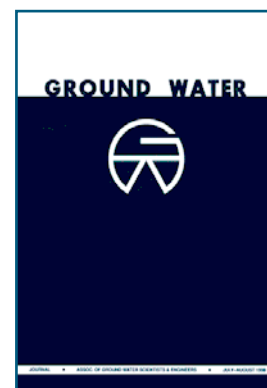
- Faba bean productivity under rainfed and supplemental irrigation in northern Syria Theib Oweis, Ahmed Hachum y Mustafa Pala, pp. 57-72
- Different irrigation methods and water stress effects on potato yield and yield components. Sermet Onder, Mehmet Emin Caliskan, Derya Onder y Sevgi Caliskan, pp. 73-86

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- Upscaling of Hydraulic Conductivity and Telescopic Mesh Refinement. D.D. Walker, B. Gylling y J.-O. Selroos, p. 40
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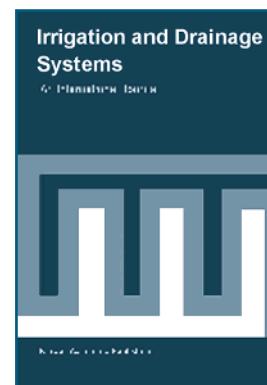
- Educating the compassionate water engineer—a remedy to avoid future water management failures? Ronny Berndtsson, Malin Falkenmark, Gunnar Lindh, Akiça Bahri & Kenji Jinno, p. 7
- Assessing uncertainties in a conceptual water balance model using Bayesian methodology. Kolbjørn Engeland, Chong-Yu Xu & Lars Gottschalk, p. 45
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- Sensitivity analysis of optimal operation of irrigation supply systems with water quality considerations. Dani Cohen, Uri Shamir, Gideon Sinai, pp. 227-253
- Farm salinity appraisal with water reuse. K.C. Tarboton, W.W. Wallender, N.S. Raghuwanshi, pp. 255 - 273

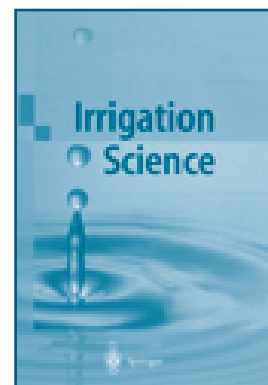


Irrigation Science

<http://link.springer.de/link/service/journals/00271/>

Volumen 23, Número 3, Diciembre 2004

- Analysis of water application cost with permanent set sprinkler irrigation systems. J. Montero Martínez, R. S. Martínez, J. M. Tarjuelo Martín-Benito, pp. 103-110
- Using a subsurface drip irrigation system to measure crop water use. W. R. De-Tar, pp. 111-122
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- Potato evapotranspiration and yield under different drip irrigation regimes. Yao-hu Kang, Feng-Xin Wang, Hai-Jun Liu, et al., pp. 133-143

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Volumen 96, Número 12, Diciembre 2004

- Modeling membrane performance over time. Yu Zhao y James S. Taylor
- Riverbank filtration: induced infiltration and groundwater quality. William D. Gollnitz, Bruce L. Whiteberry y Jeffrey A. Vogt
- Trace contaminants in water treatment chemicals: Sources and fate. Richard A. Brown, David A. Cornwell y Michael J. MacPhee
- Accuracy and interferences for enzyme-linked immunoassay tests for atrazine. Craig Adams, Hua Jiang, Michael McGuire, Nicole Graziano, Alan Roberson y Michelle Frey

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- Creating a strategic communication plan that gathers no dust. Patricia A. Tennyson y Kristina Ray
- Early warning surveillance of drinking water by photoionization/mass spectrometry. Jennifer Calles, Randy Gottler, Matthew Evans y Jack Syage
- Pipe section reactor to evaluate chlorine-wall reaction. Francis A. DiGiano y Weidong Zhang
- A simple model for quantifying Cryptosporidium transport, dilution, and potential risk in reservoirs. Jason P. Antenucci, Justin D. Brookes y Matthew R. Hipsey
- Lignite versus bituminous GAC for biofiltration—a case study. Issam Najm, Michael Kennedy y William Naylor

Journal of Environmental Engineering (ASCE)

<http://www.pubs.asce.org/journals/ee.html>

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- Fecal Coliform Removal within a Marshland Upwelling System Consisting of Scatlake Soils. Stephen D. Richardson y Kelly A. Rusch, pp. 60-70
- On-line Monitoring of Wastewater True Color Using Digital Image Analysis and Artificial Neural Network. Ruey-Fang Yu, Wen-Po Cheng y Mei-Ling Chu, pp. 71-79
- Protocol to Measure Network Strength of Sludges and Its Implications for Dewatering. Banu Örmeci y Mohammad M. Abu-Orf, pp. 80-85
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- Distributions of velocity, turbulence, and suspended sediment over low-relief antidunes. D.G. Wren, S.J. Bennett, B.D. Barkdoll y R.A. Kuhnle
- Prediction of total bed material discharge. Shu -Quing Yang
- Dynamic behaviour of bed material around bridge pier under water pressure variation. M.D. Faruque Mia y Hiroshi Nag
- An experimental investigation of jet flow on a stepped chute. M.K. El-Kamash, M.R. Loewen y N. Rajaratnam
- Two-dimensional depth-averaged modeling of flow in curved open channels. Haitham K. Ghamry y Peter M. Steffler
- The dynamic effect of pipe-wall viscoelasticity in hydraulic transients. Part II— model development, calibration and verification. Dídía Covas, Ivan Stoianov, João F. Mano, Helena Ramos, Nigel Graham y Cedo Maksimovic
- On the structure of a laminar buoyant jet released horizontally. G. Querzoli y A. Cenedes
- Modeling of droplet formation in stratified immiscible liquid–liquid flows. Celik, A. Badeau, S. Kandil, W. Wilson y P. Chang
- Boundary shear stress distributions in trapezoidal channels. Shu-Qing Yang y Siow-Yong Lim



Journal of Hydrologic Engineering (ASCE)

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- Regional Flood Frequency Analysis Using L-Moments for North Brahmaputra Region of India. Rakesh Kumar y Chandranath Chatterjee, pp. 1-7
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- A conceptual model of volume-change controls on the hydrology of cutover peats. G.W. Kennedy y J.S. Price, pp. 13-27
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- Prediction Accuracy for Projectwide Evapotranspiration Using Crop Coefficients and Reference Evapotranspiration. Richard G. Allen, Albert J. Clemmens, Charles M. Burt, Ken Solomon y Tim O'Halloran, pp. 24-36
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- Satellite-Based Energy Balance to Assess Within-Population Variance of Crop Coefficient Curves. Masahiro Tasumi, Richard G. Allen, Ricardo Trezza y James L. Wright, pp. 94-109



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- A probabilistic adaptation of meteorological model outputs to hydrological forecasting. Charles Obled, Guillaume Bontron
- From flood forecasting to the safety control of EDF hydraulic power plant: application to the basin of the durance. Pierre Bernard, Christopher Smith
- Flash floods forecasting strategies and operative tools. Roland Claudet, Christophe Bouvier
- Forecast and management of urban flooding risk. D. Laplace, C. Philibert, J. Coconi
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- The French national scale of flood magnitude and an example on the Hérault catchment. Michel Lang, Roland Claudet
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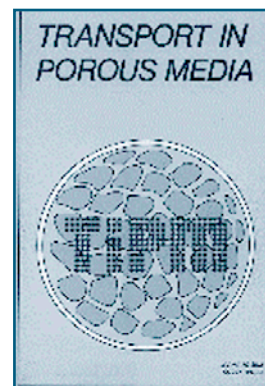


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