

Regular Articles

- W10501** *Tracie R. Jackson, Roy Haggerty, Sourabh V. Apte, Anthony Coleman, and Kevin J. Drost*
Defining and measuring the mean residence time of lateral surface transient storage zones in small streams
(doi 10.1029/2012WR012096)
- W10502** *T. Nester, J. Komma, A. Viglione, and G. Blöschl*
Flood forecast errors and ensemble spread—A case study (doi 10.1029/2011WR011649)
- W10503** *Kim C. Green and Younes Alila*
A paradigm shift in understanding and quantifying the effects of forest harvesting on floods in snow environments
(doi 10.1029/2012WR012449)
- W10504** *Mark A. Trigg, Paul D. Bates, Matthew D. Wilson, Guy Schumann, and Calum Baugh*
Floodplain channel morphology and networks of the middle Amazon River (doi 10.1029/2012WR011888)
- W10505** *Christopher Wellen, George B. Arhonditsis, Tanya Labencki, and Duncan Boyd*
A Bayesian methodological framework for accommodating interannual variability of nutrient loading with the SPARROW model (doi 10.1029/2012WR011821)
- W10506** *Mohammadali Tarrahi and Behnam Jafarpour*
Inference of permeability distribution from injection-induced discrete microseismic events with kernel density estimation and ensemble Kalman filter (doi 10.1029/2012WR011920)
- W10507** *Gregoire Mariethoz, Matthew F. McCabe, and Philippe Renard*
Spatiotemporal reconstruction of gaps in multivariate fields using the direct sampling approach
(doi 10.1029/2012WR012115)
- W10508** *Hamid Roshan, Gabriel C. Rau, Martin S. Andersen, and Ian R. Acworth*
Use of heat as tracer to quantify vertical streambed flow in a two-dimensional flow field
(doi 10.1029/2012WR011918)
- W10509** *Keith N. Musselman, Noah P. Molotch, Steven A. Margulis, Michael Lehning, and David Gustafsson*
Improved snowmelt simulations with a canopy model forced with photo-derived direct beam canopy transmissivity
(doi 10.1029/2012WR012285)
- W10510** *Kelly S. Fielding, Sally Russell, Anneliese Spinks, and Aditi Mankad*
Determinants of household water conservation: The role of demographic, infrastructure, behavior, and psychosocial variables (doi 10.1029/2012WR012398)
- W10511** *Nitin Joshi, C. S. P. Ojha, and P. K. Sharma*
A nonequilibrium model for reactive contaminant transport through fractured porous media: Model development and semianalytical solution (doi 10.1029/2011WR011621)
- W10512** *Susannah O. Erwin, John C. Schmidt, Joseph M. Wheaton, and Peter R. Wilcock*
Closing a sediment budget for a reconfigured reach of the Provo River, Utah, United States
(doi 10.1029/2011WR011035)
- W10513** *Susa H. Stonedahl, Judson W. Harvey, Joel Detty, Antoine Aubeneau, and Aaron I. Packman*
Physical controls and predictability of stream hyporheic flow evaluated with a multiscale model
(doi 10.1029/2011WR011582)
- W10514** *Lee M. Gordon, Sean J. Bennett, and Robert R. Wells*
Response of a soil-mantled experimental landscape to exogenic forcing (doi 10.1029/2012WR012283)

- W10515** *Luciana K. Cunha, Pradeep V. Mandapaka, Witold F. Krajewski, Ricardo Mantilla, and Allen A. Bradley*
Impact of radar-rainfall error structure on estimated flood magnitude across scales: An investigation based on a parsimonious distributed hydrological model (doi 10.1029/2012WR012138)
- W10516** *V. Srinivasan, E. F. Lambin, S. M. Gorelick, B. H. Thompson, and S. Rozelle*
The nature and causes of the global water crisis: Syndromes from a meta-analysis of coupled human-water studies (doi 10.1029/2011WR011087)
- W10517** *F. Cadini, I. Bertoli, J. De Sanctis, and E. Zio*
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- W10518** *M. Wu, Y. Chiu, and Y. Demissie*
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- W10521** *Avi Ostfeld*
Optimal reliable design and operation of water distribution systems through decomposition (doi 10.1029/2011WR011651)
- W10522** *Diana M. Cancelli, Nelson L. Dias, and Marcelo Chamecki*
Dimensionless criteria for the production-dissipation equilibrium of scalar fluctuations and their implications for scalar similarity (doi 10.1029/2012WR012127)
- W10523** *Stefano Orlandini, Giovanni Moretti, Mauro A. Corticelli, Paolo E. Santangelo, Alessandro Capra, Riccardo Rivola, and John D. Albertson*
Evaluation of flow direction methods against field observations of overland flow dispersion (doi 10.1029/2012WR012067)
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- W10527** *S. Basso and G. Botter*
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- W10531** *T. J. Peterson, A. W. Western, and R. M. Argent*
Analytical methods for ecosystem resilience: A hydrological investigation (doi 10.1029/2012WR012150)
- W10532** *Rubaiaat Sharmeen, Walter A. Illman, Steven J. Berg, Tian-Chyi J. Yeh, Young-Jin Park, Edward A. Sudicky, and Ken Ando*
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- W10539** *Hsinyi Chou, Laosheng Wu, Lingzao Zeng, and Andrew Chang*
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- W10540** *Jongho Kim, Valeriy Y. Ivanov, and Nikolaos D. Katopodes*
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Corrections

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W10902 *Philip Cheng, Michael Bestehorn, and Abbas Firoozabadi*

Correction to "Effect of permeability anisotropy on buoyancy-driven flow for CO₂ sequestration in saline aquifers" (doi 10.1029/2012WR013094)

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