

### Rapid Communications

- W03201** *Daniel O'Malley, John H. Cushman, and Patrick O'Rear*  
On generating conductivity fields with known fractal dimension and nonstationary increments  
(doi 10.1029/2011WR011681)

### Regular Articles

- W03501** *Andrea Defina and Paolo Peruzzo*  
Diffusion of floating particles in flow through emergent vegetation: Further experimental investigation  
(doi 10.1029/2011WR011147)
- W03502** *Dingbao Wang*  
Evaluating interannual water storage changes at watersheds in Illinois based on long-term soil moisture and groundwater level data (doi 10.1029/2011WR010759)
- W03503** *E. Diamantopoulos, S. C. Iden, and W. Durner*  
Inverse modeling of dynamic nonequilibrium in water flow with an effective approach (doi 10.1029/2011WR010717)
- W03504** *Yoojin Jung and Karsten Pruess*  
A closed-form analytical solution for thermal single-well injection-withdrawal tests (doi 10.1029/2011WR010979)
- W03505** *Haiyan Zhou, J. Jaime Gómez-Hernández, and Liangping Li*  
A pattern-search-based inverse method (doi 10.1029/2011WR011195)
- W03506** *John Yearsley*  
A grid-based approach for simulating stream temperature (doi 10.1029/2011WR011515)
- W03507** *K. S. Schmid and S. Geiger*  
Universal scaling of spontaneous imbibition for water-wet systems (doi 10.1029/2011WR011566)
- W03508** *Rohit B. Warrier, Maria Clara Castro, and Chris M. Hall*  
Recharge and source-water insights from the Galapagos Islands using noble gases and stable isotopes  
(doi 10.1029/2011WR010954)
- W03509** *S. Ragetti and F. Pellicciotti*  
Calibration of a physically based, spatially distributed hydrological model in a glacierized basin: On the use of knowledge from glaciometeorological processes to constrain model parameters (doi 10.1029/2011WR010559)
- W03510** *Jung Il Seo, Futoshi Nakamura, Takumi Akasaka, Hidetaka Ichiyonagi, and Kun Woo Chun*  
Large wood export regulated by the pattern and intensity of precipitation along a latitudinal gradient in the Japanese archipelago (doi 10.1029/2011WR010880)
- W03511** *Gabriel C. Rau, Martin S. Andersen, and R. Ian Acworth*  
Experimental investigation of the thermal dispersivity term and its significance in the heat transport equation for flow in sediments (doi 10.1029/2011WR011038)
- W03512** *Yuko Asano and Taro Uchida*  
Flow path depth is the main controller of mean base flow transit times in a mountainous catchment  
(doi 10.1029/2011WR010906)
- W03513** *Meron Teferi Taye and Patrick Willems*  
Temporal variability of hydroclimatic extremes in the Blue Nile basin (doi 10.1029/2011WR011466)

- W03514** *Mohammad Mortazavi, George Kuczera, and Lijie Cui*  
Multiobjective optimization of urban water resources: Moving toward more practical solutions (doi 10.1029/2011WR010866)
- W03515** *Sujay V. Kumar, Rolf H. Reichle, Kenneth W. Harrison, Christa D. Peters-Lidard, Soni Yatheendradas, and Joseph A. Santanello*  
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- W03516** *F. Pianosi and L. Raso*  
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- W03517** *Quanxi Shao, Anthony Traylen, and Lu Zhang*  
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- W03518** *Robert P. Ewing, Chongxuan Liu, and Qinhong Hu*  
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- W03519** *Mark A. Parrish, Hamid Moradkhani, and Caleb M. DeChant*  
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- W03520** *J. B. Kollat, P. M. Reed, and T. Wagener*  
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- W03521** *Chao Li, Vijay P. Singh, and Ashok K. Mishra*  
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- W03522** *Shai Sela, Tal Svoray, and Shmuel Assouline*  
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- W03524** *F. J. Cornaton*  
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- W03525** *Mohamed Hayek, Georg Kosakowski, Andreas Jakob, and Sergey V. Churakov*  
A class of analytical solutions for multidimensional multispecies diffusive transport coupled with precipitation-dissolution reactions and porosity changes (doi 10.1029/2011WR011663)
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- W03527** *Sergi Molins, David Trebotich, Carl I. Steefel, and Chaopeng Shen*  
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- W03529** *Brian A. Ebel, John A. Moody, and Deborah A. Martin*  
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- W03530** *Gabriel C. Rau, Martin S. Andersen, and R. Ian Acworth*  
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- W03531** *R. Brauchler, J. Doetsch, P. Dietrich, and M. Sauter*  
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- W03535** *Peter Lehmann and Dani Or*  
Hydromechanical triggering of landslides: From progressive local failures to mass release (doi 10.1029/2011WR010947)

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### Technical Notes

- W03601** *Barbara Herbstritt, Benjamin Gralher, and Markus Weiler*  
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- W03602** *John C. Kozuskanich, Kent S. Novakowski, and Bruce C. Anderson*  
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### Commentaries

- W03801** *Jozsef Szilagyi*  
Comment on "Assessing interannual variability of evapotranspiration at the catchment scale using satellite-based evapotranspiration data sets" by Lei Cheng et al. (doi 10.1029/2011WR011538)
- W03802** *Lei Cheng, Zongxue Xu, Dingbao Wang, and Ximing Cai*  
Reply to comment by Jozsef Szilagyi on "Assessing interannual variability of evapotranspiration at the catchment scale using satellite-based evapotranspiration data sets" (doi 10.1029/2011WR011799)

### Corrections

- W03902** *Alex Abdelnour, Marc Stieglitz, Feifei Pan, and Robert McKane*  
Correction to "Catchment hydrological responses to forest harvest amount and spatial pattern" (doi 10.1029/2012WR011990)

### Special Section: A Vision for Hydrology in the 21<sup>st</sup> Century: A Tribute to Steve Burges

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- W00H04** *Mark S. Wigmosta, André M. Coleman, Richard J. Skaggs, Michael H. Huesemann, and Leonard J. Lane*  
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- W00H05** *Praveen Kumar*  
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- W00H06** *Joël Jaffrain, André Studzinski, and Alexis Berne*  
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- W00H07** *Ali Shafqat Akanda, Antarpreet S. Jutla, Munirul Alam, Guillaume Constantin de Magny, A. Kasem Siddique, R. Bradley Sack, Anwar Huq, Rita R. Colwell, and Shafiqul Islam*  
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- W00H12** *Shugong Wang, Xu Liang, and Zhuotong Nan*  
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- W00H13** *Roy C. Sidle, Keewook Kim, Yoshio Tsuboyama, and Ikuhiro Hosoda*  
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- W00H14** *Eric A. Rosenberg, Andrew W. Wood, and Anne C. Steinemann*  
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- W00H15** *Timothy R. Green and Robert H. Erskine*  
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- W03522** *Kustu, M.D., Y. Fan, and M. Rodell*  
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**Special Section in progress.**

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