

ModelCare 2011 Poster Session Monday, 19 September 2011

No	Authors	Titel
1.	Abesser, Corinna; Wang, Lei; Jackson, Chris R.	Deriving spatially (horizontally)-distributed transmissivity values in the Chalk aquifer, England
2.	Arlai, Phatcharasak; Koch, Manfred	Numerical Investigation of the first Underground Groundwater Dam on Samui Island, southern Thailand
3.	Atchley, Adam L; Siirila, Erica R.; Maxwell, Reed M.; Navarre-Sitchler, Alexis; McCray, John E.	Using streamlines for highly-resolved, reactive transport for CO ₂ risk assessment simulations.
4.	Beck, Peter; Mann, Barry	Fate and transport modelling for monitored natural attenuation projects, does it help or hinder?
5.	Benisch, Katharina; Graupner, Bastian J.; Li, Dedong; Bauer, Sebastian	Development of the coupled ECLIPSE – OpenGeoSys model for simulation of CO ₂ storage and its geomechanical effects
6.	Björn Zehner, Lars Bilke, Thomas Kalbacher, Edda Kalbus, Karsten Rink	Mixed 2D/3D Visualization of a Time Dependent Regional Groundwater Study in a Visualization Centre
7.	Chmakov, Serguei; Sychev, Petr; Hesch, Wayne; Tu, Collin; Garcia, Lilia; Evsikov, Igor	Workflow-Centric Approach to Groundwater Modeling: Toward a Unified Modeler's Workbench
8.	Daniel Erdal, Insa Neuweiler	Estimation of effective parameters for unsaturated flow in heterogeneous porous media
9.	Fotovat, Masood	Research about time & place variation of the concentration of hydrocarbon contaminant through groundwater modeling caused from leakage waste in Bisotoun hydrochemical factory in kermanshah plain of Iran
10.	Genty, A.; Diaconu, D.; Bucur, D.; Constantin, A.	Flow and transport parameters calibration of the Saligny aquifer (Romania) using the Alliances platform
11.	Händel, Falk; Zschornack, Ludwig; Dietrich, Peter	Sensitivity analysis about relevance of deterministic features for transport prediction in the Lauswiesen aquifer
12.	Jacques, D.; Šimůnek, J.; Mallants, D.; van Genuchten, M.Th.	Simulating water flow, heat and solute transport and biogeochemistry in variably-saturated porous media using HP1
13.	Jiménez, Mireia; Ruiz, Eduardo; Jordana, Salvador; Jiménez, Santos; Bayer, Martí; Pérez-Paricio, Alfredo	A thermal injection experiment: field data and numerical interpretation in the design of groundwater heat pumps
14.	Jukić, D.; Kadić, A.; Denić-Jukić, V.	Identification of hydrological relations between adjacent karst springs by partial correlation effect matrix
15.	Kishii, Tokuo	Estimation of runoff components by runoff model
16.	Knabe, T.; Datcheva, M.; Lahmer, T.; Schanz, T.	Identification of constitutive parameters using an optimization strategy and statistical analysis
17.	Masjedi, Alireza; Zeraat, Behzad; Heidarnajad, M.; Foroushani, Eiaheh Peymani	Experimental study on effect of bridge pier of ogival in a 180 degree flume bend on scour hole depth
18.	Masumoto, Kiyoshi	Assessment of simplification level in heterogeneous aquifer modeling
19.	Mohrlök, Ulf	Estimation of flow and transport parameters by tracer tests in vertical circulation flow fields
20.	Molinari, A.; Guadagnini, L.; Marcaccio, M.; Guadagnini, A.	Estimate of natural background level of Arsenic, Boron and Ammonium for three groundwater bodies in Emilia-Romagna, Italy

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21.	Nakarai, Kenichiro; Kosakowski, Georg; Berner, Urs; Owada, Hitoshi	Evolution of cement-bentonite interfaces: Experiments and models
22.	Nesrine, Nasri; Rachida, B.	Hydrochemical characteristics and brine evolution paths of Oum Lekhialet, South East Tunisia
23.	Palm, Joachim; Schneider, Wilfried; Stöfen, Heinke	What are the key parameters for soil hydrological models in climate impact studies under different settings?
24.	Radu, Florin A.; Kolditz, Olaf	Efficient simulations by MFEM of water flow in variably saturated porous media
25.	Rink, Karsten; Fischer, Thomas; Gräbe, Agnes Kolditz, Olaf	Visual Preparation of Hydrological Models (formerly: Data Validation for the Generation of Hydrogeological Models)
26.	Rohmer, Jérémy	Meta-modelling approach for contour estimate of the critical set of inputs leading to the worst-case scenario of computationally demanding models: application to CO2 leakage from a geological storage
27.	Saito M., Nishimura, Y.; Hoshino, D.; Nakagawa, K.	Quantitative Evaluation of Macroscopic Longitudinal Disparsivity for 1-Dimensional Flow
28.	Sarioglu, Murat Savas; Kucuker, Mehmet Ali; Coptu, Nadim K.	Multispecies Hydrodynamic Dispersion under High Concentration Gradients
29.	Siirila, Erica R.; Maxwell, Reed M.	Effective reaction rates of kinetically driven solutes in large-scale, heterogeneous domains: human health risk implications
30.	Söhl, Dennis; Pavlik, Dirk; Bernhofer, Christian	Sensitivity of a regional climate model to land use changes in Eastern Europe compared to model sensitivity to initial conditions
31.	Suribhatla, Raghu; Bennett, Peter; Einarson, Murray; Luttinger, John	Integration of Surface Electrical Resistivity Data and Direct-Push Soil Conductivity Data for High Resolution Imaging of the Subsurface
32.	Thum, Peter; Diersch, Hans-Jörg G.; Gründler, Rainer	SAMG – The Linear Solver for Groundwater Simulation
33.	Vandenbohede, Alexander; Louwyck, Andy	Parameter estimation using slug tests: application to a heat injection and storage experiment
34.	Wang, Quanrong; Tang, Zhonghua	A solution of transient groundwater flow response to tidal fluctuation in an aquifer-aquitard system
35.	Wildemeersch, S.; Goderniaux, P.; Orban, Ph.; Brouyère, S.; Dassargues, A.	Assessing the impacts of technical uncertainty on coupled surface/subsurface flow model predictions using a complex synthetic case
36.	Xiulan, He, Jensen, Karsten H.; Sonnenborg, Torben O.; Joergensen, Flemming; Hoyer Christensen, Anne-Sophie	ANALYSING THE EFFECTS OF GEOLOGICAL UNCERTAINTY ON GROUNDWATER MODEL PREDICTIONS BY APPLYING MULTIPLE-POINTS GEOSTATISTICAL SIMULATIONS
37.	Yuanyuan Sun, Chan-Hee Park, Wenqing Wang, Olaf Kolditz	Modeling contaminant transport in aquifer with random walk particle tracking method
38.	Zedek, Lukáš; Šembera, Jan	Comparison of Effectivity of Two Different Approaches to Reactive Transport Simulation