

## ModelCare 2011 Poster Session Wednesday, 21 September 2011

No	Authors	Titel
39.	Abdeh-Kolahchi, A. ;Karimi, Heydarizadeh, Porhemat	Interaction of groundwater and surface water in Mahi_Dasht Aquifer
40.	Balatka, Michal; Havlíček, Jiří	Stochastical approach to spread modeling of the leaked contaminant spill
41.	Black, Alastair; Whiteman, Mark; Farrell, Rolf	The Groundwater Resource Modelling Programme of England and Wales: Collation of Hydrogeological Knowledge and Understanding within a Nationally Implemented Framework of Groundwater Models
42.	Christelis, V.; Kopsiaftis, G.; Mantoglou, A.	Coastal aquifer management under drought scenarios considering aquifer spatial variability
43.	Ferguson, Ian; Maxwell, Reed	How Much Do Initial Conditions Really Matter? Effects of Model Spin-Up on Watershed Simulations with an Integrated Hydrologic Model
44.	Firoz, A.B.M.; Roehrig, Jackson; Hasan, Md. Rashidul	Modeling the impact of irrigation activity and climatic variability on groundwater at the south-west coastal aquifer in Bangladesh
45.	Gedeon, M.; Mallants, D.	Effects of transient groundwater flow on contaminant mixing in a shallow aquifer
46.	Gossel, Wolfgang; Sefelnasr, Ahmed; Wycisk, Peter	Impacts of climatic change in the late Pleistocene and Holocene on the saltwater intrusion in the Northern Nubian Aquifer System (Eastern Sahara)
47.	Gottschalk, Thomas; Sommer, Thomas	Potential impact of Climate Change to the Urban Groundwater System in Dresden
48.	Hassan, Nagy A A.; Kotb, Ahmed; Hassan, Ahmed. A.A.; Hagra, Mona A.	De-Watering Using Groundwater Modeling in Egypt, Old Cairo, Fustat Areal
49.	Helmholz, Kathrin; Schöniger, Matthias; Nienstedt, Daniel; Greis, Tillman	Numerical stochastic simulation for risk assessment of an urban aquifer system
50.	Hokr, M.; Balvín, A.; Škarydová, I.	Flow and transport modelling based on tunnel water inflow observations
51.	Indriksons, A.; Zalitis, P.	The impact of confined aquifer water on the soil groundwater quality in peatland forests in Latvia
52.	Kalbacher, Thomas; Delfs, Jens-Olaf; Shao, Haibing; Wang, Wenqing; Walther, Marc; Kolditz, Olaf	Software Coupling for an Integrated Water Resources Management
53.	Karadimitriou, N.K. ; Hassanizadeh, S.M.; Kleingeld, P.J.	Experimental setup for two-phase flow studies with the use of glass-etched micro-models
54.	Klein, Elisa; De Lucia, Marco; Kühn, Michael	Geochemical modeling for CO <sub>2</sub> storage site Ketzin: Evaluation of long-term mineral trapping
55.	Kolahchi, A.A.; Shafiei, S.; Afkhami, M.; Kalantari, N.	Groundwater Quality Assessment of Mianab Plain by Using DRASTIC AND GIS
56.	Lähne, Ronny; Gossel, Wolfgang; Wycisk, Peter	Interfaces between geological and catchment hydrology modelling
57.	Lautenbach, Sven; Volk, Martin; Strauch, Michael; Whittaker, G.	Quantifying trade-offs between bioenergy production, food production, water quality and water quantity aspects in a German case study
58.	Louwyck Andy; Heuvelmans, Griet; Lermytte, Johan; D'hont, Didier; Thomas, Paul	Recharge estimation for transient groundwater modelling
59.	Mauser, Wolfram; Hennicker, Rolf	DANUBIA – a framework to fully couple hydrological simulation models from natural and social sciences
60.	Meyerhoff, Steven B.; Maxwell, Reed M.; Graham, Wendy	Assessing the roles of Karst conduit versus matrix groundwater flow in a semi-confined aquifer

## ModelCare 2011 Poster Session Wednesday, 21 September 2011

No	Authors	Titel
61.	Montenegro, Héctor	Surface-Subsurface Interactions Following a Large Scale Embankment Opening for the Enhancement of Stream-Floodplain Connectivity
62.	Munz, Matthias; Schmidt, Christian; Fleckenstein, Jan; Oswald, Sascha	Local quantification of streambed properties and vertical hyporheic exchange flux by calibration of a coupled water flux and thermal transport model - Wrapping PEST around HydroGeoSphere
63.	Pechstein, W. Armin; Coptý, Nadim K.; Schneider, Christoph L.; Strauch, Gerhard; Attinger, Sabine; Oswald, Sascha	Characterising the Spatial Distribution of Flow Parameters from Pumping Tests in a Confined Coastal Aquifer
64.	Ratej, Jože	Determination of PDFs in probabilistic analysis of groundwater contamination with landfill leachate
65.	Sayadi, Rim; Bouhlila, Rachida	Recharge study in (semi)-arid area: The case of Kairouan aquifer, Tunisia
66.	Schneider, Birgit	Image Politics. Picturing Uncertainty. The Role of Images in Climate Modeling
67.	Schneidewind, U.; Verbeiren, B.; De Becker, P.; De Bie, E.; Batelaan, O.	Hydrological modeling as a tool for the management and regeneration of an open heath-land ecosystem
68.	Tesch, Sabine; Dunger, Volkmar; Matschullat; Jörg	Climate Change Effects on Groundwater Recharge of an Urban Area
69.	Tumusiime, Abel; Twebaze, Paul	Hydrogeological parameters and sustainability of ground water in Uganda. A case of Ankole-Masaka corridor, South Western Uganda
70.	Walther, Marc; Grundmann, Jens; Kolditz, Olaf; Liedl, Rudolf	An Application of the Scientific Simulation Software OpenGeoSys: Three-Dimensional Density-Dependent Groundwater Modeling in Coastal Arid Regions
71.	Weetjens, E.; Govaerts, J.; Marivoet, J.; Aertsen, M.; Maes, N.	Model validation based on in situ radionuclide migration experiments in Boom Clay
72.	Wernberg, Thomas	Climatic effect on waste deposit percolates at Eskelund, Denmark
73.	Wiese, Bernd; Well, Markus; Hübner, Andreas	Demonstration two phase flow fundamentals – an experimental approach
74.	Williams, III, John L.; Maxwell, Reed M.	Wind energy forecast ensembles using a fully-coupled groundwater to atmosphere model
75.	Zehner, Björn; Kempka, Thomas; Norden, Ben; Görke, Uwe-Jens	Simulation of CO <sub>2</sub> Storage at the Ketzin Site Germany