

<b>Abstracts accepted for oral and poster presentation, per 8 July 2004</b>					
<b>Abstract no.</b>	<b>Authors</b>	<b>Country</b>	<b>Abstract Title</b>	<b>Oral</b>	<b>Poster</b>
1	T.M. Al-Taiee	IQ	Conceptual Model For Groundwater Flow Vectors And Quantities Assessment At AL-Silevani Plain, North Mosul Dam Lake		<b>poster</b>
2	H.R. Vosoughifar, A. Shamsai	IR	Optimization of Various Time Approximation for Discretization of Smeary Flow in Porous Media by Finite Volume Technique		<b>poster</b>
3	A.A. Hasan, T.M. Al-Taiee	IQ	Groundwater elevations path lines and flow vectors at Mosul City		<b>poster</b>
4	A.A. Hasan, A.M.M. Rasheed	IQ	Groundwater Recharge Using Rainwater Harvesting at Bashiqa Region		<b>poster</b>
5	A.Y. Baranov, V.V. Ilyin , Y.S. Shevlyagin , A.I. Yudkevich	RU	Seepage Analysis of Hydraulic Structure and Soil Foundation of Yumaguzino Project by a Method of 3-D Computational Modeling		<b>poster</b>
6	A.A. Hasan	IQ	Groundwater Pathlines and Seepage around the Right Abutment of Mosul Dam		<b>poster</b>
8	C. Vink	NL	Multiple objective calibration of a groundwater model by means of a genetic algorithm	<b>oral</b>	
10	W. W-G. Yeh	US	Parameterization and Model Structure Identification in Groundwater Modeling	<b>oral</b>	
16	E. El Idrysy, F. De Smedt	BE	A groundwater salinity transport model of the Trifa aquifer in Morocco.	<b>oral</b>	
17	R. Karimov, A. Kopylov, A. Rastorguev	RU	Complex hydraulic-groundwater flow numerical model		<b>poster</b>
18	Z. Molnar	HU	Optimisation of hydrogeology exploration using geostatistics		<b>poster</b>
19	Houhongbing , Liuchangli , Yehao, Donghua, Songshuhong, Zhangyun, Yinmiying	CN	Groundwater Numerical modeling and its application in the Down-Yellow River		<b>poster</b>
20	F. Häfner, K. Stüben	DE	Simulation and Parameter Identification of Oswald's Saltpool Experiments with the SAMG Multigrid-Solver in the transport code MODCALIF	<b>oral</b>	
21	P. Pech	CZ	Evaluation of the Well Rehabilitation from the Pumping Test		<b>poster</b>
22	E.O. Frind	CA	A new particle tracking algorithm for finite element grids	<b>oral</b>	

23	A. Rastorguev, A. Kopylov, P. Kouranov	RU	The methods of basing of Sanitary Protection Zones boundaries by numerical modeling		<b>poster</b>
24	G. Mtchedlishvili, H.-D. Voigt, F. Häfner	DE	Model calibration and the most probable parameter estimation with different identification criteria	<b>oral</b>	
25	J. Mikyška	CZ	Development and Validation of a Multiphase Flow Model for Applications in NAPL Behavior in Highly Heterogeneous Aquifer Formations	<b>oral</b>	
26	T. Bonomi, R. Bellini	IT	GFLOW 2000: surface water and groundwater interaction modelling in a plain area		<b>poster</b>
27	P. Pech, D. Kahuda, P. Hosnedl	CZ	Mathematical Modeling of In-situ Chemical Oxidation at MOTOCO Company		<b>poster</b>
28	J. M. Riegger	DE	Hydrogeological Models - A Consistent Framework for the Generation of Groundwater Models	<b>oral</b>	
29	P. N. Kuranov, A. V. Rastorguev	RU	Modeling light hydrocarbon migration taking into account entrapment	<b>oral</b>	
30	M. Beneš, R. Fučík, J. Mikyška, T. Illangasekare	CZ	Generalization of a benchmark solution for the two-phase porous-media flow		<b>poster</b>
31	T. Markovic, S. Kapelj, O. Larva	HR	Simulating one dimensional contaminant transport in the unsaturated zone of a karst polje with VS2DT model-problems, limitations and advantages		<b>poster</b>
32	P.E. Misut, C. I. Voss	US	Simulation of subsea discharge to Jamaica Bay in New York City with a three-dimensional finite-element model with variable density	<b>oral</b>	
33	J. Ariyaratnam, H. Middlemis, D. Storey	AU	Modelling Sustainable Yield and Water Quality Using MODFLOW and SEAWAT in the Goldfields of Western Australia		<b>poster</b>
34	S. Rusi, F. Tatangelo, E. Crestaz	IT	Groundwater flow modeling to support hydrogeological conceptualisation and optimisation of well fields pumping regime in the Vomano valley (Abruzzo, Central Italy)	<b>oral</b>	
37	T. Metschies, R. Kahnt	DE	Hydraulic Modelling of Deep Mine Flooding in a Regional Groundwater Flow Model	<b>oral</b>	
39	G. Steinbrugge, B. Fernández, J.F. Muñoz	CL	Using a simulation/optimization scheme to maximize extraction pumping rates. The case of Maipo-Mapocho aquifer, Chile		<b>poster</b>
41	A. Spalvins, J. Slangens, R. Janbickis, I. Lace	LV	Two helpful ideas for users of MODFLOW		<b>poster</b>

42	M. Larsson, H. Grip	SE	Local Scale Modelling of Movement of a Pesticide through a Sandy Soil by the Finite Element Model Hydrus-1D	oral	
43	J. Severyns, J. Fourneau, O. Batelaan, F. De Smedt	BE	Ecohydrology of a groundwater-dependent Alder carr	oral	
44	P. Eckert, R. Irmischer	DE	Modelling of hydrogeochemical processes during bank filtration	oral	
47	F. Cosme, P. O Sinton, S. Muguet, J. Moreno, W.B. Langley, G. Vermeiren	BE	Enhancement of remediation pilot test data using groundwater modelling: a case study.		poster
49	R. Michek, J. Šíma	CZ	Groundwater flow model for mineral water of Podebrady spa		poster
50	P. Hulme	UK	Good guidance and the flexibility to stumble but not fall	oral	
51	I.A. Rastorguev, E.V. Volkova, E.M. Gorbunova	RU	Evaluation of fractured aquifer bottom position according to groundwater level observation data in the region of underground nuclear explosion execution.		poster
52	M.A. Walvoord, D.A. Stonestrom	US	Enhanced gas-phase transport in the deep unsaturated zone		poster
53	Chiu-Shia Fen, Chen-Chi Gu, Hsien-Chie Cheng	TW	An integrated regression and simulation optimization approach for soil vapor extraction system design	oral	
54	O.Arndt	DE	ISSNEW - A Conception of GIS and Simulation Systems Cooperation for sustain-able groundwater management		poster
55	H.Imai, A. Yonezawa, Y. Wakayama, M. Eguchi	JP	Simple Settlement Evaluation System Developed Based on the Three-dimensional Groundwater Flow Simulation and Applied Results		poster
56	H.-J.G.Diersch, P.J.Martin	DE	Comparison of typical modeling approaches in multiple free surface, perched water table situations	oral	
57	F. Larroque, A. Dupuy	FR	Optimal management of a regional multilayered aquifer using Response Functions Approach	oral	
58	M. Milický, J. Uhlík	CZ	Large-scale modelling in the Czech Cretaceous Basin and South Bohemian Basins	oral	
59	K. Spring, M. Cox, I. Turner	AU	Construction and clibration of steady state model for a Large Sand Island, Queensland, Australia		poster
60	T. Kawatani, M. Saito	JP	Numerical Study on Effect of Pore-air on Infiltration and Drainage	oral	

61	K. Posavec, A. Bačani, P. Miletić, M.H. Miletić, J. Parlov, Z. Nakic	HR	Using mathematical modeling for analysis of groundwater communication between the left and right banks of the Sava River		<b>poster</b>
62	J.Parlov, K.Posavec, A.Bačani, P.Miletić, Z.Nakić, D.Perković	HR	Groundwater table forecast for the Zagreb catchment area (the left Sava bank)		<b>poster</b>
63	B. van der Wal, J. Velstra	NL	A method to determine the feasibility of nature development using a regional groundwater model		<b>poster</b>
65	V. Bortolotti, A. Campagnoli, P. Fantazzini, M. Gombia, C. Masciopinto	IT	Quantitative relaxation tomography (QRT) and field test to estimate porosity-transmissivity relationship in fractured rocks aquifers	<b>oral</b>	
66	T.J.Heimovaara, H. Keijzer, J. Velstra	NL	Using inverse modelling in combination with a regional groundwater model to visualize spreading of multiple plumes	<b>oral</b>	
67	N. Hoad, L. McWilliam	UK	Kennet Groundwater Model, Conceptual and Numerical Development, United Kingdom		<b>poster</b>
68	J. Mužák, J. Novák, M. Stibitz	CZ	MODFLOW Modelling of Unsteady Flow Regime during the August 2002 Floods		<b>poster</b>
69	P. Schätzl	DE	IfmHYDRO_AS - A coupled simulation system for 3-D groundwater / 2-D surface water simulation		<b>poster</b>
70	B. Wiese, J.Ruemmler, E. Holzbecher, G. Nützmann	DE	Effects of Oscillating Pumping Regimes of Bank-Filtration Galleries		<b>poster</b>
71	H.Geistlinger, D. Eisermann, R. Reinstorf	DE	Multi-species-Modeling of aerobic degradation of Monochlorobenzene at the field scale	<b>oral</b>	
72	D. McKnight, A.L. Smalley, S.A. Banwart, M. Mohamed, N.R. Thomson, S.F. Thonrton, R.D. Wilson, D.N. Lerner	UK	Application of MODFLOW and MT3DMS to simulate dipole flow and reactive tracer tests at laboratory and field scales		<b>poster</b>
73	B. Monnkhoff, H.R. Sørensen	DE	Coupling of the finite element groundwater model FEFLOW with the hydrodynamic model MIKE11		<b>poster</b>
74	J. Krivic, M. Bencic	SI	Groundwater modeling for performance assessment and safety analysis of radioactive waste repository in quarternary aquifer of Krsko basin, Slovenia.		<b>poster</b>
75	B. Hanauer, Ch. Möbus	DE	Hydrogeological Modelling in Middle-Franconia, Bavaria, Germany	<b>oral</b>	
76	G.M.C.M. Janssen, J.R. Valstar, S.E.A.T.M. van der Zee	NL	Inverse modeling of flow and transport through confining layers with multimodal hydraulic conductivity distributions	<b>oral</b>	

77	J. Stopa, T. Solecki	PL	Optimization of the pump-and treat system for remediation of an aquifer polluted by mineral oil		<b>poster</b>
78	G. Janssen, K. Hemker	NL	Groundwater models as civil engineering tools		<b>poster</b>
79	L. Foglia, P. Burlando, M.V. Birsan, M.C. Hill, S.W. Mehl	CH	Calibration strategies for a groundwater model in a highly dynamic alpine floodplain	<b>oral</b>	
80	S. Alloisio B. Douglas	UK	Groundwater modelling for large-scale mine dewatering in Chile: MODFLOW or FEFLOW?		<b>poster</b>
81	A. Giuliani, G. Ciancetti, G. Pilla	IT	Groundwater flow inversion caused by a Po River flood in October 2000		<b>poster</b>
82	A. Giuliani, G. Ciancetti, G. Pilla	IT	Regional groundwater flow study using FEMWATER: Preliminary results (Pavia Plain - Italy)		<b>poster</b>
83	V. Clausnitzer, H.-J. Diersch	DE	Keeping 3D visualization user-friendly: A new design for the FEFLOW visualizer		<b>poster</b>
84	H. Madsen	DK	An automatic calibration framework for parameter estimation in integrated hydrological modelling	<b>oral</b>	
85	M. Hokr, J. Maryška, J. Mužák, V. Wasserbauer	CZ	Finite-element groundwater models with 3D triangle-based mesh	<b>oral</b>	
86	C.J. Hemker, M. Bakker	NL	Groundwater whirls in heterogeneous and anisotropic layered aquifers	<b>oral</b>	
87	F.J.C. Smits, C.J. Hemker	NL	A coupling-module is written for DufLOW and MicroFem.		<b>poster</b>
88	S.D. Normani, J.F. Sykes, M.I. Jyrkama	CA	Comparing Steady-State, Transient and Contaminant Transport Capture Zones for a Highly Transient Groundwater Flow System	<b>oral</b>	
89	J.J. Carrera-Hernandez, S. Gaskin	CA	GMT: A Groundwater Modelling Tool for Integrated Water Management		<b>poster</b>
90	D.P.Ahlfeld, A. Vemuri	US	New Algorithms for MODFLOW-Based Groundwater Management Models.	<b>oral</b>	
91	G.Hernández-García, R. Huizar-Alvarez	MX	Subsurface flow systems and erosion in the Tecocomulco sub-basin, Central Mexico		<b>poster</b>
92	R.P.G.Schneiker	US	SEVIEW 6.2 - Transport and Fate Modeling Software		<b>poster</b>
93	E.P. Poeter	US	Multi-model Ranking and Inference	<b>oral</b>	
94	R.P.G. Schneiker, L. Cekan, J. Rumbaugh	US	SESOIL Expands MODFLOW/MT3D Model Capabilities		<b>poster</b>
95	R.P.G. Schneiker, L. Cekan, J. Rumbaugh	US	Case Studies to Determine Site-Specific Risk-Based Cleanup Objectives	<b>oral</b>	

96	F. Mohsen, L. Cecan	US	Differences between Concentrations Measured in a Monitoring Well versus Concentrations Measured in a Pumping Well		<b>poster</b>
97	P. Goblet, S. Rouy	FR	Adapting groundwater simulation codes to integrated modelling : Numerical experimentation on the METIS code		<b>poster</b>
98	T. Iqbal, K. Hiscock	UK	Finite Element Modeling of the Bacterial Consumption of Dissolved Oxygen present in the Central Lincolnshire Limestone Aquifer U.K.		<b>poster</b>
101	M.N.Tijani, S.Onodera	JP	Hydrogeochemical characterization and mobility of trace/heavy metals: A preliminary assessment of prospects cum constraints of modelling.		<b>poster</b>
102	T.N. Blandford, R. Smith, R. Petrossian	US	Application of Groundwater Flow Models for Water Rights Administration and Regional Water Planning in the Semiarid American West		<b>poster</b>
103	C. Schöpfer, M. Probst, R. Kahnt	DE	Phased Approach to Hydrogeological Modelling - Application to a Tailings Facility	<b>oral</b>	
104	P.T.M. Vermeulen, A.W. Heemink, C.B.M. te Stroet	NL	Efficient Simulation and Improved Upscaling of Large-Scale Numerical Models	<b>oral</b>	
105	K.L. Bukharin, I.A. Rastorguev, D.F. Tsurikov, E.V. Volkova, Yu.A. Zverkov	RU	Developing radionuclid waste transport models on the site of Temporary Waste Storage (TWS) of RRC "Kurchatov Institute".		<b>poster</b>
106	E.Durmusoglu, M.Y.Durmusoglu	TR	Finite difference method analysis of fluid flow in deformable unsaturated porous media	<b>oral</b>	
107	S.D.Weaver, M.J. Weaver	US	Simplified Deployment of Groundwater Data Management and Analysis Applications Through New Software Technologies		<b>poster</b>
108	T.P. Wellman, E.P. Poeter	US	Optimizing the Predictive Accuracy of Hydraulic Head Observations to Delineate Continuum Scales in Phreatic Fractured Rock Aquifers	<b>oral</b>	
109	T.H. Illangasekare, Y. Kim, S. Saenton, E. Moreno-Barbero	US	Characterization of pre and post treatment entrapment architecture in DNAPL source zones using mass flux measurements and inverse modeling: experimental validation using intermediate-scale testing	<b>oral</b>	
110	M. Saito, T. Kawatani, G.V. Lugomela	JP	Numerical Study on Rainfall Infiltration and Seepage Processes through Multifractal Permeability Field by Using Two-Phase Flow Analysis		<b>poster</b>

111	K. Riemann, A. Mlisa, E.R. Hay	ZA	GIS based model for aquifer specific recharge estimation as basic for a groundwater management and decision tool on a quaternary catchment scale	oral	
112	G. Darvini, P.Salandin, L. da Deppo	IT	Numerical evaluation of nonhomogeneous flow statistics in random porous media		poster
113	S.T. Woldeamlak, O. Batelaan, F. De Smedt	BE	Effects of climate change on the groundwater systems of the Grote Nete catchment, Belgium		poster
114	K. Fujimura	JP	Measuring of ponding by natural rainfall and its infiltration analysis	oral	
116	H.-J. Shieh	TW	Optimal Groundwater Remediation Design by Hybrid Genetic Algorithm-Simulated Annealing		poster
117	M. Mueller, F. Werner	DE	Groundwater-Lake-Interactions at Lake Baerwalde and its Implications on Predictions of Lake Water Quality	oral	
118	E. Crestaz	IT	Groundwater Geographical Information Systems - Investigation of a Coupled Data Management and Numerical Flow Modelling Strategy for ArcGIS 8		poster
119	N. Blandford, D. Blazer, R. Smith	US	Conceptual Model Evaluation and Refinement Through Numerical Model Development - A Case Study for the Southern High Plains of the United States	oral	
120	A. Spinola, M. Kämpf, H. Gerdes	DE	Analysis of the effects of variable recharge on the processes of natural attenuation by a longterm transient simulation	oral	
121	E.R. Hay, A. Mlisa, K. Riemann	ZA	GIS-based model for estimation of groundwater resource potential in the Western and Eastern Cape provinces, South Africa		poster
122	T. Bonomi, A. Cavallin, F. Oltolini	IT	Data well logs for 3D groundwater flow modeling		poster
123	R.B. Thoms, R.L. Johnson, R.W. Healy	US	UNS - A New 3-D Richards' Equation Based Variably-Saturated Flow Package for MODFLOW		poster
124	R. Peralta	US	Optimization Modeling for Groundwater and Conjunctive Use Water Policy Development	oral	
125	D. N. Graham, L.-G. Gustafsson	DK	Integrated modeling of groundwater and urban hydrology		poster
126	M. Saito, S. Onodera	JP	Nitrate transport process in groundwater of a coastal, agricultural catchment in southern Japan		poster
127	R. Peralta	US	Optimizing Management of Nonlinear Flow and Transport in Groundwater and Surface Water Systems		poster

		Understanding solute transport in extremely heterogeneous media: what have we learned from 20 years of research at the MADE site?		
128	C. Zheng, G. Liu, S.M. Gorelick	US		<b>oral</b>
129	C. Alberich, A. Dodo, W. Kinzelbach, J. Rueedi, R. Kipfer	CH	Use of environmental tracers and remote sensing to study the spatial distribution of recharge in the Iullemeden Basin, southwestern Niger Republic	<b>oral</b>
130	M. A. Sbai	FR	Modelling multicomponent reactive transport processes by Eulerian and Lagrangian mixed hybrid finite element techniques	<b>oral</b>
131	S. Kaden, U. Junghans, F. Thilo, M. Grauer, J. Hillebrandt	DE	Optimized groundwater management LINEG	<b>oral</b>
132	J. Luo	DE	Modeling of horizontal groundwater pumping wells using FEFLOW	<b>poster</b>
133	E. Querner, A. Slesicka, W. Mioduszewski	NL	The water management model SIMGRO applied to the lower basin of the Biebrza wetland, Poland	<b>oral</b>
136	G.Gzyl	PL	Modelling local and sub-regional flow directions in groundwater divide area	<b>poster</b>
138	A.Biesheuvel, S. van Baalen, A. Doornbos	NL	Sustainable use of groundwater as a source of drinking water supply; prediction of waterquality until 2030 at well field Archemerberg, the Netherlands	<b>poster</b>
139	A.Sahuquillo, J.Fu, P.Salamon	ES	Analytical and numerical solutions for river aquifer interaction	<b>poster</b>
140	S.E.Oswald, K.Johannsen, R.Held, W.Kinzelbach	CH	Three-dimensional saltwater-freshwater fingering around a high permeability zone: insights of combining observed with numerical results	<b>oral</b>
141	A. Mueller, G.H. Schmitz, A. Fröhner, J. Edenhofer, J. Weber	DE	TEXAS-2D - a new Tool for the Exact Analytical Solution of two dimensional nonlinear groundwater flow phenomena	<b>poster</b>
142	K.Jabir	DE	TVD-based Finite Volume Box Scheme for The Simulation of Multiphase Multicomponent Flow Through Porous Media	<b>poster</b>
143	J.E.R.Matos	US	Stream-groundwater interaction: Two and three-dimensional models for the hyporheic zone	<b>poster</b>
144	Z. Fafara, S.Rychlicki	PL	Influence of Soil Parameters on Depth of Oil Waste Penetration	<b>poster</b>

145	E.A. Sudicky, T.A. Di Iorio, J.P. Jones, Y.-J. Park, J.-M. Lemieux, A. Brookfield, R.G. McLaren, R. Therrien, S. Panday	CA	Flow and Contaminant Transport in Integrated Surface-subsurface Flow Systems at the Catchment Scale: Numerical Solution Strategy and Application	oral	
146	S. Bauer, M. Xie, O.Kolditz	DE	Process-orientation and object-oriented program development for a multi-component reactive transport model for ground wat	oral	
147	A.Sahuquillo, D.Pulido-Velázquez, J. Andreu, M. Pulido-Velázquez	ES	Development and numerical validation of a semiexplicit solution for unconfined groundwater flow using an eigenvalues technique	oral	
148	O.Kolditz, S.Bauer, M.Beinhorn, C.Chen, T.Kalbacher, W.Wang	DE	Object-oriented methods for THMC coupled processes in porous media	oral	
150	M. Brilly, B.Jamnik, D. Drobne	SI	Groundwater pollution of Ljubljansko Polje aquifer by chromium Cr+6		poster
151	D. Pulido-Velázquez, J. Andreu, A. Sahuquillo, S. Molina	ES	An efficient distributed groundwater flow model of the "Sinlinal de Calasparra" aquifer integrated in a conjunctive use model		poster
152	K. Možiešiková, M. Sopková, J. Gavurník	SK	Projected public railway station reconstruction in Bratislava and its effect on the groundwater level regime		poster
153	A.Vermeulen, G.Frapporti, C.Hesp, J.Landheer	NL	Groundwater systems identification for chemical characterisation of groundwater bodies to support water policy		poster
154	W.Gossel, A.M.Ebraheem, P.Wycisk	DE	A large scale groundwater flow model of the Nubian sandstone aquifer (Eastern Sahara)	oral	
155	A.Vermeulen, G.Eggels, C. Hesp, S.Smit	NL	Mapping gradual degradation of archaeological material using groundwater modelling		poster
156	A. Šoltész, D. Baroková	SK	Analysis and possibilities of influencing surface - groundwater interaction by means of mathematical modelling	oral	
157	O. Jaquet, P. Siegel, R. Namar, G. Klubertanz	CH	Hydrogeological modelling of fractured karstic aquifers: Innovative solutions for complex environmental issues	oral	
158	J. Poppei, R. Schwarz, J. Holoher, G. Mayer	CH	KAFKA - a numerical tool for two-phase flow and contaminant transport in converging underground facilities	oral	
161	R. Fernandes, S. Wang, A. Simic, E.J. Wexler	CA	Coupling a hydrolgical model and MODFLOW to assess impacts of land cover and climate changes on recharge and baseflow at regional scales across Canada	oral	

162	M.B. Butts, D.N. Graham, J.T. Payne	DK	Optimal model structure for integrated groundwater/surface water modelling	oral	
163	S.M. Gorelick	US	Hydroecological constraints on simulation-based groundwater management: The southwest Florida story	oral	
164	R. Mají, E.A. Sudicky	CA	Stochastic modeling of DNAPL sources reconstruction in a highly characterised glaciofluvial aquifer	oral	
165	S. Onodera, M. Saito, T. Takei, M. Tijini, J. Shimada	JP	Effects of channels on nitrate transport of coastal groundwater in Western Japan		poster
166	I. Zacharias, E. Dimitriou, Th. Koussouris	GR	Estimation of Water balance components in a geologically complex lake catchment by using MIKE SHE modeling software		poster
167	W. Kinzelbach, P. Bauer, P. Brunner, T. Siegfried	CH	Modelling for sustainable water resources management	oral	
171	C.B.M. te Stroet, B. Minnema, P. Vermeulen	NL	Database setup and parameterization for national spatially detailed groundwater models	oral	
172	S. Okten, H. Yazicigil	TR	Groundwater management modeling under safe and sustainable yield concepts for a complex aquifer system in western Turkey		poster
175	A.R.G. Radwan	AE	Groundwater quality around the two banks of the Blue Nile River, Sudan		poster
176	C. Cherubini, C.I. Giasi, C. Masciopinto	IT	Stochastic fracture flow modeling and influence of the computational procedures on the pollutants migration in a case study		poster
177	Ch. König, J. Plümacher	DE	Regional density-dependent transport model of a Quaternary aquifer in the area of Magdeburg, Sachsen-Anhalt, Germany	oral	
178	J. Sarup, A. Mathur, V. Khatediya	IN	A GIS and Remote Sensing Based Approach for Evaluating Ground Water Prospects in and around Dalvat, Nasik District, Maharashtra, India		poster
182	N. Rajmohan, L. Elango	IN	Modelling the movement chloride and nitrate in the unsaturated zone during irrigation using a Finite Element Model		poster
183	W.J. Zaadnoordijk, K. Kovar	NL	Reliability of travel time to abstractions: Improvement of predictive capability of Linear Variance Analysis method	oral	
184	W.J. Zaadnoordijk	NL	Quality assurance for groundwater simulation programs: Automated Test procedure for Triwaco		poster

185	P.A. Mazurov, A.V. Elesin, A.A. Gabidullina, A.SH. Kadyirova	RU	Using of the sensitivity storages for residual function minimization		<b>poster</b>
186	P.A. Mazurov, A.V. Tsepaev	RU	A new algorithm of solution of the flow equation with parts of thickening grid		<b>poster</b>
187	B. Aoun Sebaiti, A. Hani	DZ	Modelisation of aquifer system of annaba ( North East of Algeria)		<b>poster</b>
189	M. Gogolev, R. McGregor	CA	A new RT3D reaction module to simulate destruction of chlorinated solvents with permanganate		<b>poster</b>
190	G. de Lange, W. van der Linden, E.J.M. Veling, J. Veldkamp	NL	Modelling time-dependent compaction and oxidation in a stochastically derived top layer system with a modified IBS-3 Package.		<b>poster</b>
191	P. Monadjemi, P. Monadjemi	IR	Liquid analog modeling of groundwater problems		<b>poster</b>
192	Th.N. Olsthoorn, P.T.W.J. Kamps	NL	Automatic calibration: never use that phrase! Examples from calibrations in the Amsterdam Dune Area		<b>oral</b>
194	M.C. Hill, E.P. Poeter, J. Riegger, H. Middlemis, P. Hulme, S.P. Neuman, M. Anderson	US	Guidelines of the world for groundwater modelling		<b>oral</b>
195	A. Zeru, E.P. Poeter	FR	Exp Modflow v1.34 - software for understanding the basics of numerical groundwater modelling with the USGS numerical code MODFLOW		<b>poster</b>
196	Ch.F. Harvey	US	Groundwater Arsenic Contamination in Bangladesh		<b>oral</b>
199	A.W. Herbert, J.W. Rile, H. Streetly	UK	A pragmatic approach to risk based decision making for contaminated land development problems using semi-analytical methods		<b>oral</b>
200	J. Kania, K. Rozanski, S. Witzak, A. Zuber	PL	Groundwater flow and transport model calibration using environmental tracers		<b>oral</b>
201	H. Middlemis, N.P. Merrick	AU	Australian groundwater modelling guidelines -- Lessons learned from the model review/audit process		<b>oral</b>
202	U. Lang, Th. Gudera	DE	Conception of the simulation of regional nitrate transport in the Upper Rhine Graben		<b>poster</b>
204	D.W. Hyndman, D. Long, J. Moss, M. Phanikumar, J. McGuire, E. Smith	US	Simulating the impacts of recharge on contaminant plume geochemistry		<b>oral</b>
205	N. Rapantová, A. Grmela, D. Vojtek	CZ	Groundwater recharge assessment in urban and industrial areas		<b>oral</b>

206	D.J.M. Harvey, D.G. Abbey, J.E. Graham, A.G. Merry, N. Guiguer, E.O.Frind	CA	Experiences in applying MODFLOW and FEFLOW for regional and local-scale groundwater protection modelling studies in Ontario	oral	
210	H. Al-Abdallah, A. Akber, E. Al-Awadi, H. Naseeb, M. Murad	KW	Deterioration of groundwater wells in the farming areas of Kuwait		poster
211	P. Arlai, M. Koch	DE	Numerical simulation of artificial recharge as a possible tool to mitigate saltwater intrusion into the Bangkok coastal aquifers system		poster
212	M. Zeki Çamur, H. Abubakr Hassan	TR	Numerical Modeling of Seawater Intrusion in Selcuk Sub-basin, Izmir-Turkey		poster
2xx	J. Mls	CZ	Simulation of the brines-origin process	oral	
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