

**Liste des thèses du Centre d'hydrogéologie et géothermie,
Université de Neuchâtel, 2000-2013**

Nom	Titre	Année	Lien doc. numérique
Wu, Yuexia	Laboratory and numerical study of hyporheic flow in karst conduits and its effect on sediment-entrapped DNAPLs	2013	http://doc.rero.ch/record/208886
Falco, Pierik	Sondages géoélectriques « null-arrays » pour la caractérisation des structures de subsurface	2013	http://doc.rero.ch/record/205535
Diem, Samuel	Riverbank filtration within the context of river restoration and climate change	2013	http://doc.rero.ch/record/211443
Glenz, Damian	Inverse modeling of groundwater flow in the Rhône alluvial aquifer impact of the third Rhône correction	2013	http://doc.rero.ch/record/32933
Borghi, Andrea	3D stochastic modeling of karst aquifers using a pseudo-genetic methodology	2013	http://doc.rero.ch/record/31792
Jeannotat, Simon	Isotope fractionation of volatile organic compounds in porous media under variably saturated conditions	2013	http://doc.rero.ch/record/31444
Breider, Florian	Investigating the origin of chloroform in soils and groundwater using carbon and chlorine stable isotopes analysis	2013	http://doc.rero.ch/record/31443
Preisig, Giona	Regional simulation of coupled hydromechanical processes in fractured and granular porous aquifer using effective stress-dependent parameters	2013	http://doc.rero.ch/record/31433
Baillieux, Paul	Multidisciplinary approach to understand the localization of geothermal anomalies in the Upper Rhine Graben from regional to local scale	2012	http://doc.rero.ch/record/31646
Boutsiadou, Xanthippe	Development of a system for in situ determination of chlorinated hydrocarbons in groundwater	2012	http://doc.rero.ch/record/30936
Baillieux, Antoine	Prediction of groundwater quality using transfer functions – An approach to link historical data to future concentrations	2012	http://doc.rero.ch/record/30425
Guglielmetti, Luca	Multidisciplinary Approach of Geothermal Prospection in the Argentera Massif (South-Western Alps)	2012	http://doc.rero.ch/record/29467
Comunian Alessandro	Probability aggregation methods and multiple-point statistics for 3D modeling of aquifer heterogeneity from 2D training images	2011	http://doc.rero.ch/record/21700
Gremaud Vivian	Relations between retreating alpine glaciers and karst aquifer dynamics. Tsanfleuron-Sanetsch experimental test site, Swiss Alps	2011	http://doc.rero.ch/record/21699

Slama Fairouz	Field experimentation and modelling of salt transfer in Korba coastal plain : Impact of seawater intrusion and irrigation practices	2010	http://doc.rero.ch/record/23205
Leschik, Sebastian	Groundwater contamination from urban line sources: monitoring and evaluation approach with integral pumping tests	2010	http://doc.rero.ch/record/20553
Ducommun, Romain	Estimation et cartographie de la vulnérabilité des eaux souterraines en milieu urbain	2010	http://doc.rero.ch/record/20356
Sonney, Romain	Groundwater flow, heat and mass transport in geothermal systems of a Central Alpine Massif. The cases of Lavey-les-Bains, Saint-Gervais-les-Bains and Val d'Illeiez	2010	http://doc.rero.ch/record/18256
Mariethoz, Grégoire	Geological stochastic imaging for aquifer characterization	2009	http://doc.rero.ch/record/12607
Pronk, Michiel	Origin and behaviour of microorganisms and particles in selected karst aquifer systems	2009	http://doc.rero.ch/record/12554
Kerrou, Jaouher	Deterministic and probabilistic numerical modelling towards sustainable groundwater management : application to seawater intrusion in the Korba aquifer (Tunisia)	2008	http://doc.rero.ch/record/10848
Gainon, François	Les isotopes radioactifs de la série de l'uranium-238 (222Rn, 226Ra, 234U et 238U) dans les eaux thermales de Suisse : sites d'Yverdon-les-Bains, Moiry, Loèche-les-Bains, Saxon, Val d'Illeiez, Bad Ragaz, Delémont, Lavey-les-Bains, Brigerbad et Combioula	2008	http://doc.rero.ch/record/10597
Rooij, Rob de	Towards improved numerical modeling of karst aquifers : coupling turbulent conduit flow and laminar matrix flow under variably saturated conditions	2008	http://doc.rero.ch/record/8817
Savoy, Ludovic	Use of natural and artificial reactive tracers to investigate the transfer of solutes in karst systems	2007	http://doc.rero.ch/record/8819
Badoux, Vincent	Analyse des processus advectifs-dispersifs en milieux poreux sous contraintes hydrologiques périodiques : implications pour la protection des captages d'eaux souterraines	2007	http://doc.rero.ch/record/8638
Abe, Yumiko	Use of stable isotopes analyses to assess natural attenuation of chlorinated ethenes in groundwater	2007	http://doc.rero.ch/record/8520
Bouchard, Daniel	Use of stable isotope analysis to assess biodegradation of volatile organic compounds in the unsaturated subsurface	2007	http://doc.rero.ch/record/6470
Milnes, Ellen	Modelling groundwater salinisation in irrigated coastal areas: from solute recycling concepts to quantitative risk assessment	2005	http://doc.rero.ch/record/5116
Deflorin, Otmar	Natürliche Radionuklide in Grundwässern des Kantons Graubünden	2004	http://doc.rero.ch/record/507

Cornaton, Fabien	Deterministic models of groundwater age, life expectancy and transit time distributions in advective-dispersive systems	2004	http://doc.rero.ch/record/2601
Kovács, Attila	Geometry and hydraulic parameters of karst aquifers: a hydrodynamic modeling approach	2003	http://doc.rero.ch/record/2603
Flynn, Raymond M.	Virus transport and attenuation in Perialpine Gravel Aquifers	2003	http://doc.rero.ch/record/2602
Perrin, Jérôme	A conceptual model of flow and transport in a karst aquifer based on spatial and temporal variations of natural tracers	2003	http://doc.rero.ch/record/2604
Bosch, Frank P.	Shallow depth karst structure imaging with the Very Low Frequency-Electromagnetics Gradient (VLF-EM GRAD) method: A new geophysical contribution to aquifer protection strategies compared with other near surface mapping geophysics	2002	
Kennedy, Keith G.	Bacteriophage response characterization in highly permeable porous media aquifers (Switzerland)	2002	
Durst, Pierre	Geochemical modelling of the Soultz-sous-Forêts Hot Dry Rock test site: Coupling fluid-rock interactions to heat and fluid transport	2002	
Monteiro, Paulo	Characterisation of a carbonate aquifer for the application of a regional discrete continuum flow model (Castelo de vide carbonate aquifer - Alentejo, Portugal)	2001	
Kimmeier, Francesco	3-D Groundwater Flow Modeling in Heterogeneous Geologic Media : an Integrated Approach Using Spatial and Temporal Database, Geostatistics and GIS	2001	http://doc.rero.ch/record/2605
Etcheverry, David	Une approche déterministe des distributions des temps de transit de l'eau souterraine par la théorie des réservoirs	2001	http://doc.rero.ch/record/4270
Hauns, Michael	Modeling tracer and particle transport under turbulent flow conditions in karst conduit structures	2000	
Schürch, Marc	Détermination des paramètres hydrauliques et hydrochimiques d'un aquifère alluvial dans une vallée alpine (Valais, Suisse)	2000	http://doc.rero.ch/record/5266