



## Hydrogeology Journal – Editors’ Choice Articles

The International Association of Hydrogeologists (IAH) is a scientific and educational charitable organisation for scientists, engineers, water managers and other professionals working in the fields of groundwater resource planning, management and protection. *Hydrogeology Journal* is the official journal of IAH.

“Editors’ Choice” articles are selected for special attention by the *Hydrogeology Journal* editorial team, for any of several good reasons including: outstanding science, innovative approach, potentially important conclusions, interesting field area or phenomenon, unusual topic, political/social/historical/philosophical interest, etc. At the conclusion of each publishing year, the Editors select several articles from among the year’s crop of about 150 peer-reviewed published articles. All articles selected since the start of the scheme (2010) are listed here.

Author(s)	Title	Vol(No): pages DOI/link
<b>2023</b>		
Stephen R. H. Worthington	Examining the assumptions of the single-porosity archetype for transport in bedrock aquifers	31(1): 87–96 <a href="https://doi.org/10.1007/s10040-022-02576-4">https://doi.org/10.1007/s10040-022-02576-4</a>
Elizabeth Quiroga, Claudia Bertoni, Fridtjov Ruden	Deep low-salinity groundwater in sedimentary basins: petrophysical methods from a case study in Somalia	31(3): 685–705 <a href="https://doi.org/10.1007/s10040-022-02589-z">https://doi.org/10.1007/s10040-022-02589-z</a>
Sofía Vargas-Payera, Matías Taucare, Claudio Pareja, Jessica Vejar	Improving school children’s understanding of water scarcity with a co-produced book on groundwater in Central Chile	31(5): 1165–1179 <a href="https://doi.org/10.1007/s10040-023-02641-6">https://doi.org/10.1007/s10040-023-02641-6</a>
L Stoeckl, G Houben	How to conduct variable-density sand tank experiments: practical hints and tips	31(5): 1353–1370 <a href="https://doi.org/10.1007/s10040-023-02635-4">https://doi.org/10.1007/s10040-023-02635-4</a>
Nafyad Serre Kawo, Jesse Korus, Mats Lundh Gulbrandsen	Multiple-point statistical modeling of three-dimensional glacial aquifer heterogeneity for improved groundwater management	31(5): 1525–1546 <a href="https://doi.org/10.1007/s10040-023-02658-x">https://doi.org/10.1007/s10040-023-02658-x</a>
<b>2022</b>		
Georg J. Houben, Sarah Collins, Mark Bakker, Thomas Daffner, Falk Triller, Anvar Kacimov	Review: Horizontal, directionally drilled and radial collector wells	30(2): 329–357 <a href="https://doi.org/10.1007/s10040-021-02425-w">https://doi.org/10.1007/s10040-021-02425-w</a>
Julian Xanke, Tanja Liesch	Quantification and possible causes of declining groundwater resources in the Euro-Mediterranean region from 2003 to 2020	30(2): 379–400 <a href="https://doi.org/10.1007/s10040-021-02448-3">https://doi.org/10.1007/s10040-021-02448-3</a>
Roslynn B. King, Wesley R. Danskin, Steven Constable, Jillian M. Maloney	Identification of fresh submarine groundwater off the coast of San Diego, USA, using electromagnetic methods	30(3): 965–973 <a href="https://doi.org/10.1007/s10040-022-02463-y">https://doi.org/10.1007/s10040-022-02463-y</a>

Stephen Foster, John Chilton	Improving the valuation of groundwater	30(4): 1031–1034 <a href="https://doi.org/10.1007/s10040-022-02484-7">https://doi.org/10.1007/s10040-022-02484-7</a>
Kunchao Lei, Fengshan Ma, Beibei Chen, Yong Luo, Wenjun Cui, Yi Zhou, Fang Tian, Te Sha	Characteristics of land-subsidence evolution and soil deformation before and after the Water Diversion Project in Beijing, China	30(4): 1111–1134 <a href="https://doi.org/10.1007/s10040-022-02489-2">https://doi.org/10.1007/s10040-022-02489-2</a>
Francesco La Vigna	Review: Urban groundwater issues and resource management, and their roles in the resilience of cities	30(6): 1657–1683 <a href="https://doi.org/10.1007/s10040-022-02517-1">https://doi.org/10.1007/s10040-022-02517-1</a>
B. P. Marchant, D. Cuba, B. Brauns, J. P. Bloomfield	Temporal interpolation of groundwater level hydrographs for regional drought analysis using mixed models	30(6): 1801–1817 <a href="https://doi.org/10.1007/s10040-022-02528-y">https://doi.org/10.1007/s10040-022-02528-y</a>
Lilik E. Widodo, Simon H. Prassetyo, Ganda M. Simangunsong, Irwan Iskandar	Role of the confined aquifer in the mechanism of soil liquefaction due to the 7.5 Mw earthquake in Palu (Indonesia) on 28 September 2018	30(6): 1877–1898 <a href="https://doi.org/10.1007/s10040-022-02516-2">https://doi.org/10.1007/s10040-022-02516-2</a>
Louisa M. Rochford, Carlos M. Ordens, Nevenka Bulovic, Neil McIntyre	Voluntary metering of rural groundwater extractions: understanding and resolving the challenges	30(8): 2251–2266 <a href="https://doi.org/10.1007/s10040-022-02548-8">https://doi.org/10.1007/s10040-022-02548-8</a>
Mehmet Çelik, Süleyman Selim Çallı, Zehra Semra Karakaş	The role of mineralogical studies in delineating the recharge area and groundwater circulation of Susuz springs, Central Taurus Belt, Turkey	30(8): 2399–2415 <a href="https://doi.org/10.1007/s10040-022-02561-x">https://doi.org/10.1007/s10040-022-02561-x</a>
<b>2021</b>		
Fatemeh Rahimi-Feyzabad, Masoud Yazdanpanah, Saeed Gholamrezai, Mostafa Ahmadvand	Institutional constraints to groundwater resource management in arid and semi-arid regions: a Straussian grounded theory study	29(3): 925–947 <a href="https://doi.org/10.1007/s10040-020-02283-y">https://doi.org/10.1007/s10040-020-02283-y</a>
Susanne Charlotta Åberg, Annika Katarina Åberg, Kirsti Korkka-Niemi	Three-dimensional hydrostratigraphy and groundwater flow models in complex Quaternary deposits and weathered/fractured bedrock: evaluating increasing model complexity	29(3): 1043–1074 <a href="https://doi.org/10.1007/s10040-020-02299-4">https://doi.org/10.1007/s10040-020-02299-4</a>
Tesfay Kiros Mebrahtu, Andre Banning, Ermias Hagos Girmay, Stefan Wohnlich	The effect of hydrogeological and hydrochemical dynamics on landslide triggering in the central highlands of Ethiopia	29(3): 1239–1260 <a href="https://doi.org/10.1007/s10040-020-02288-7">https://doi.org/10.1007/s10040-020-02288-7</a>
Francesca Lotti, Iacopo Borsi, Enrico Guastaldi, Alessio Barbagli, Paolo Basile, Lorenzo Favaro, Adrian Mallia, Rachel Xuereb, Michael Schembri, Julian Alexander Mamo, Manuel Sapiano	Numerically enhanced conceptual modelling (NECoM) applied to the Malta Mean Sea Level Aquifer	29(4): 1517–1537 <a href="https://doi.org/10.1007/s10040-021-02330-2">https://doi.org/10.1007/s10040-021-02330-2</a>

Leah L. Bremer, Ahmed S. Elshall, Christopher A. Wada, Laura Brewington, Jade M.S. Delevaux, Aly I. El-Kadi, Clifford I. Voss, Kimberly M. Burnett	Effects of land-cover and watershed protection futures on sustainable groundwater management in a heavily utilized aquifer in Hawai'i (USA)	29(5): 1749–1765 <a href="https://doi.org/10.1007/s10040-021-02310-6">https://doi.org/10.1007/s10040-021-02310-6</a>
José D. Henao Casas, Fritz Kalwa, Marc Walther, Randolph Rausch	Stormwater harvesting in ephemeral streams: how to bypass clogging and unsaturated layers	29(5): 1813–1830 <a href="https://doi.org/10.1007/s10040-021-02345-9">https://doi.org/10.1007/s10040-021-02345-9</a>
Hans-Olaf Pfannkuch, Howard D. Mooers, Donald I. Siegel, John J. Quinn, Donald O. Rosenberry, Scott C. Alexander	Review: “Jacob’s Zoo”—how using Jacob’s method for aquifer testing leads to more intuitive understanding of aquifer characteristics	29(6): 2001–2015 <a href="https://doi.org/10.1007/s10040-021-02363-7">https://doi.org/10.1007/s10040-021-02363-7</a>
Cyrille Scherrer, Ryan Schweitzer, Marc-André Bünzli, Ellen Milnes	Rapid groundwater potential mapping in humanitarian contexts: improving borehole implementation in basement environments	29(6): 2033–2051 <a href="https://doi.org/10.1007/s10040-021-02352-w">https://doi.org/10.1007/s10040-021-02352-w</a>
Paul Whincup	Darwin’s deep well at Down House, England (UK)	29(7): 2305–2311 <a href="https://doi.org/10.1007/s10040-021-02378-0">https://doi.org/10.1007/s10040-021-02378-0</a>
Ryan G. Smith, Hossein Hashemi, Jingyi Chen, Rosemary Knight	Apportioning deformation among depth intervals in an aquifer system using InSAR and head data	29(7): 2475–2486 <a href="https://doi.org/10.1007/s10040-021-02386-0">https://doi.org/10.1007/s10040-021-02386-0</a>
<b>2020</b>		
Sarah K. Marshall, Peter G. Cook, Leonard F. Konikow, Craig T. Simmons, Shawan Dogramaci	Conjoint use of hydraulic head and groundwater age data to detect hydrogeologic barriers	28(3): 1003–1019 <a href="https://doi.org/10.1007/s10040-019-02095-9">https://doi.org/10.1007/s10040-019-02095-9</a>
Jude Cobbing	Groundwater and the discourse of shortage in Sub-Saharan Africa	28(4): 1143–1154 <a href="https://doi.org/10.1007/s10040-020-02147-5">https://doi.org/10.1007/s10040-020-02147-5</a>
David Milo Ferris, Greg Potter, Grant Ferguson	Characterization of the hydraulic conductivity of glacial till aquitards	28(5): 1827–1839 <a href="https://doi.org/10.1007/s10040-020-02161-7">https://doi.org/10.1007/s10040-020-02161-7</a>
Giovanna De Filippis, Stefania Stevenazzi, Corrado Camera, Daniele Pedretti, Marco Masetti	An agile and parsimonious approach to data management in groundwater science using open-source resources	28(6): 1993–2008 <a href="https://doi.org/10.1007/s10040-020-02176-0">https://doi.org/10.1007/s10040-020-02176-0</a>
Lamine Boumaiza, Romain Chesnaux, Julien Walter, Christine Stump	Assessing groundwater recharge and transpiration in a humid northern region dominated by snowmelt using vadose-zone depth profiles	28(7): 2315–2329 <a href="https://doi.org/10.1007/s10040-020-02204-z">https://doi.org/10.1007/s10040-020-02204-z</a>
Fernando M. D’Affonseca, Michael Finkel, Olaf A. Cirpka	Combining implicit geological modeling, field surveys, and hydrogeological modeling to describe groundwater flow in a karst aquifer	28(8): 2779–2802 <a href="https://doi.org/10.1007/s10040-020-02220-z">https://doi.org/10.1007/s10040-020-02220-z</a>

2019		
Georg J. Houben	Teaching about groundwater in primary schools: experience from Paraguay	27(2):513–518 <a href="https://doi.org/10.1007/s10040-018-1876-1">https://doi.org/10.1007/s10040-018-1876-1</a>
Tanya Brosnan, Matthew W. Becker, Carl P. Lipo	Coastal groundwater discharge and the ancient inhabitants of Rapa Nui (Easter Island), Chile	27(2):519–534 <a href="https://doi.org/10.1007/s10040-018-1870-7">https://doi.org/10.1007/s10040-018-1870-7</a>
G. Thomas LaVanchy, Michael W. Kerwin, James K. Adamson	Beyond 'Day Zero': insights and lessons from Cape Town (South Africa)	27(5):1537–1540 <a href="https://doi.org/10.1007/s10040-019-01979-0">https://doi.org/10.1007/s10040-019-01979-0</a>
Warren W. Wood	Geogenic groundwater solutes: the myth	27(8):2729–2738 <a href="https://doi.org/10.1007/s10040-019-02057-1">https://doi.org/10.1007/s10040-019-02057-1</a>
Quoc Quan Tran, Patrick Willems, Marijke Huysmans	Coupling catchment runoff models to groundwater flow models in a multi-model ensemble approach for improved prediction of groundwater recharge, hydraulic heads and river discharge	27(8):3043–3061 <a href="https://doi.org/10.1007/s10040-019-02018-8">https://doi.org/10.1007/s10040-019-02018-8</a>
2018		
Michael O. Schwartz	The new Wallula CO <sub>2</sub> project may revive the old Columbia River Basalt (western USA) nuclear-waste repository project	26/1, 3-6 <a href="https://doi.org/10.1007/s10040-017-1632-y">https://doi.org/10.1007/s10040-017-1632-y</a>
Giacomo Medici, L. J. West, N. P. Mountney	Characterization of a fluvial aquifer at a range of depths and scales: the Triassic St Bees Sandstone Formation, Cumbria, UK	26/2, 565-591 <a href="https://doi.org/10.1007/s10040-017-1676-z">https://doi.org/10.1007/s10040-017-1676-z</a>
Konstantin Scheihing, Uwe Tröger	Local climate change induced by groundwater overexploitation in a high Andean arid watershed, Laguna Lagunillas basin, northern Chile	26/3, 705-719 <a href="https://doi.org/10.1007/s10040-017-1647-4">https://doi.org/10.1007/s10040-017-1647-4</a>
Yanxin Wang, Chunmiao Zheng, Rui Ma	Review: Safe and sustainable groundwater supply in China	26/5, 1301-1324 <a href="https://doi.org/10.1007/s10040-018-1795-1">https://doi.org/10.1007/s10040-018-1795-1</a>
U. Kafri, Y. Yechieli, S. Wollman, E. Shalev	A possible brine supply from the Afar continental endorheic hyper saline lakes to the Red Sea bottom brine pools	26/8, 2867-2874 <a href="https://doi.org/10.1007/s10040-018-1828-9">https://doi.org/10.1007/s10040-018-1828-9</a>
2017		
Yousef Beiraghdar Aghbelagh, Jianwen Yang	Role of hydrodynamic factors in controlling the formation and location of unconformity-related uranium deposits: insights from reactive-flow modelling	25/2, 465–486 <a href="https://doi.org/10.1007/s10040-016-1485-9">https://doi.org/10.1007/s10040-016-1485-9</a>

Christine Doughty, Chin-Fu Tsang, Jan-Erik Rosberg, Christopher Juhlin, Patrick F. Dobson, Jens T. Birkholzer	Flowing fluid electrical conductivity logging of a deep borehole during and following drilling: estimation of transmissivity, water salinity and hydraulic head of conductive zones	25/2, 501-517 <a href="https://doi.org/10.1007/s10040-016-1497-5">https://doi.org/10.1007/s10040-016-1497-5</a>
Zhao Chen, Augusto S. Auler, Michel Bakalowicz, David Drew, Franziska Griger, Jens Hartmann, Guanghui Jiang, Nils Moosdorf, Andrea Richts, Zoran Stevanovic, George Veni, Nico Goldscheider	The World Karst Aquifer Mapping project: concept, mapping procedure and map of Europe	25/3, 771-785 <a href="https://doi.org/10.1007/s10040-016-1519-3">https://doi.org/10.1007/s10040-016-1519-3</a>
Caroline Lejars, Ali Daoudi, Hichem Amichi	The key role of supply chain actors in groundwater irrigation development in North Africa	25/6, 1593-1606 <a href="https://doi.org/10.1007/s10040-017-1571-7">https://doi.org/10.1007/s10040-017-1571-7</a>
Garth van der Kamp, Randy Schmidt	Review: Moisture loading—the hidden information in groundwater observation well records	25/8, 2225-2233 <a href="https://doi.org/10.1007/s10040-017-1631-z">https://doi.org/10.1007/s10040-017-1631-z</a>
<b>2016</b>		
Guillaume Attard, Thierry Winiarski, Yvan Rossier, Laurent Eisenlohr	Review: Impact of underground structures on the flow of urban groundwater	24/1, 5–19 <a href="https://doi.org/10.1007/s10040-015-1317-3">https://doi.org/10.1007/s10040-015-1317-3</a>
Owen Powell, Rod Fensham	The history and fate of the Nubian Sandstone Aquifer springs in the oasis depressions of the Western Desert, Egypt	24/2, 395–406 <a href="https://doi.org/10.1007/s10040-015-1335-1">https://doi.org/10.1007/s10040-015-1335-1</a>
Laurence R. Bentley, Masaki Hayashi, Elena P. Zimmerman, Chris Holmden, Lynn I. Kelley	Geologically controlled bi-directional exchange of groundwater with a hypersaline lake in the Canadian prairies	24/4, 877–892 <a href="https://doi.org/10.1007/s10040-016-1368-0">https://doi.org/10.1007/s10040-016-1368-0</a>
Vijay Bhusari, Y. B. Katpatal, Pradeep Kundal	An innovative artificial recharge system to enhance groundwater storage in basaltic terrain: example from Maharashtra, India	24/5, 1273–1286 <a href="https://doi.org/10.1007/s10040-016-1387-x">https://doi.org/10.1007/s10040-016-1387-x</a>
Bruno Figueiredo, Chin-FuTsang, Auli Niemi, Georg Lindgren	Review: The state-of-art of sparse channel models and their applicability to performance assessment of radioactive waste repositories in fractured crystalline formations	24/7, 1607–1622 <a href="https://doi.org/10.1007/s10040-016-1415-x">https://doi.org/10.1007/s10040-016-1415-x</a>
<b>2015</b>		
J. F. Devlin	HydrogeoSieveXL: an Excel-based tool to estimate hydraulic conductivity from grain-size analysis	23/4, 837-844 <a href="https://doi.org/10.1007/s10040-015-1255-0">https://doi.org/10.1007/s10040-015-1255-0</a>
Brian D. Smerdon, Chris Turnadge	Considering the potential effect of faulting on regional-scale groundwater flow: an illustrative example from Australia's Great Artesian Basin	23/5, 949-960 <a href="https://doi.org/10.1007/s10040-015-1248-z">https://doi.org/10.1007/s10040-015-1248-z</a>
Zahra Jamshidzadeh, Frank T. -C. Tsai, Hasan Ghasemzadeh, Seyed Ahmad Mirbagheri, Majid Tavangari Barzi, Jeffrey S. Hanor	Dispersive thermohaline convection near salt domes: a case at Napoleonville Dome, southeast Louisiana, USA	23/5, 983-998 <a href="https://doi.org/10.1007/s10040-015-1251-4">https://doi.org/10.1007/s10040-015-1251-4</a>

Josué Medellín-Azuara, Duncan MacEwan, Richard E. Howitt, George Koruakos, Emin C. Dogrul, Charles F. Brush, Tariq N. Kadir, Thomas Harter, Forrest Melton, Jay R. Lund	Hydro-economic analysis of groundwater pumping for irrigated agriculture in California's Central Valley, USA	23/6, 1205-1216 <a href="https://doi.org/10.1007/s10040-015-1283-9">https://doi.org/10.1007/s10040-015-1283-9</a>
Heather A. Sheldon, Peter M. Schaub, Praveen K. Rachakonda, Michael G. Trefry, Lynn B. Reid, Daniel R. Lester, Guy Metcalfe, Thomas Poulet, Klaus Regenauer-Lieb	Groundwater cooling of a supercomputer in Perth, Western Australia: hydrogeological simulations and thermal sustainability	23/8, 1831-1849 <a href="https://doi.org/10.1007/s10040-015-1280-z">https://doi.org/10.1007/s10040-015-1280-z</a>
<b>2014</b>		
Alan L. Mayo, Scott A. Himes, David G. Tingey	Self-organizing thermal fluid flow in fractured crystalline rock: a geochemical and theoretical approach to evaluating fluid flow in the southern Idaho batholith, USA	22/1, 25-45 <a href="https://doi.org/10.1007/s10040-013-1071-3">https://doi.org/10.1007/s10040-013-1071-3</a>
A. Vandenbohede, E. Vandevyvere	Potable water for a city: a historic perspective from Bruges, Belgium	22/7, 1669-1680 <a href="https://doi.org/10.1007/s10040-014-1154-9">https://doi.org/10.1007/s10040-014-1154-9</a>
Jean-Christophe Comte, Jean-Lambert Join, Olivier Banton, Eric Nicolini	Modelling the response of fresh groundwater to climate and vegetation changes in coral islands	22/8, 1905-1920 <a href="https://doi.org/10.1007/s10040-014-1160-y">https://doi.org/10.1007/s10040-014-1160-y</a>
Thomas M. Missimer, Christiane Hoppe-Jones, Khan Z. Jadoon, Dong Li, Samir K. Al-Mashharawi	Hydrogeology, water quality, and microbial assessment of a coastal alluvial aquifer in western Saudi Arabia: potential use of coastal wadi aquifers for desalination water supplies	22/8, 1921-1934 <a href="https://doi.org/10.1007/s10040-014-1168-3">https://doi.org/10.1007/s10040-014-1168-3</a>
Teppo Arola, Kirsti Korkka-Niemi	The effect of urban heat islands on geothermal potential: examples from Quaternary aquifers in Finland	22/8, 1953-1967 <a href="https://doi.org/10.1007/s10040-014-1174-5">https://doi.org/10.1007/s10040-014-1174-5</a>
<b>2013</b>		
Guodong Cheng, Huijun Jin	Permafrost and groundwater on the Qinghai-Tibet Plateau and in northeast China	21/1, 5-23 <a href="https://doi.org/10.1007/s10040-012-0927-2">https://doi.org/10.1007/s10040-012-0927-2</a>
Suzanne A. Pierce, John M. Sharp, Jr., Joseph H. A. Guillaume, Robert E. Mace, David J. Eaton	Aquifer-yield continuum as a guide and typology for science-based groundwater management	21/2, 331-340 <a href="https://doi.org/10.1007/s10040-012-0910-y">https://doi.org/10.1007/s10040-012-0910-y</a>
Jean-François Cornu, David Eme, Florian Malard	The distribution of groundwater habitats in Europe	21/5, 949-960 <a href="https://doi.org/10.1007/s10040-013-0984-1">https://doi.org/10.1007/s10040-013-0984-1</a>
Richard M. Yager, L. Niel Plummer, Leon J. Kauffman, Daniel H. Doctor, David L. Nelms, Peter Schlosser	Comparison of age distributions estimated from environmental tracers by using binary-dilution and numerical models of fractured and folded karst: Shenandoah Valley of Virginia and West Virginia, USA	21/6, 1193-1217 <a href="https://doi.org/10.1007/s10040-013-0997-9">https://doi.org/10.1007/s10040-013-0997-9</a>
Stephen Foster, Ricardo Hirata, Bartolomeo Andreo	The aquifer pollution vulnerability concept: aid or impediment in promoting groundwater protection?	21/7, 1389-1392 <a href="https://doi.org/10.1007/s10040-013-1019-7">https://doi.org/10.1007/s10040-013-1019-7</a>

2012		
I.P. Holman, D.M. Allen, M.O. Cuthbert, P. Goderniaux	Towards best practice for assessing the impacts of climate change on groundwater	20/1, 1-4 <a href="https://doi.org/10.1007/s10040-011-0805-3">https://doi.org/10.1007/s10040-011-0805-3</a>
A. Izady, K. Davary, A. Alizadeh, B. Ghahraman, M. Sadeghi, A. Moghaddamnia	Application of "panel-data" modeling to predict groundwater levels in the Neishaboor Plain, Iran	20/3, 435-447 <a href="https://doi.org/10.1007/s10040-011-0814-2">https://doi.org/10.1007/s10040-011-0814-2</a>
A. Revil, M. Karaoulis, T. Johnson, A. Kemna	Review: Some low-frequency electrical methods for subsurface characterization and monitoring in hydrogeology	20/4, 617-658 <a href="https://doi.org/10.1007/s10040-011-0819-x">https://doi.org/10.1007/s10040-011-0819-x</a>
J. Gillespie, S.T. Nelson, A.L. Mayo, D.G. Tingey	Why conceptual groundwater flow models matter: a trans-boundary example from the arid Great Basin, western USA	20/6, 1133-1147 <a href="https://doi.org/10.1007/s10040-012-0848-0">https://doi.org/10.1007/s10040-012-0848-0</a>
François Henri Cornet	The relationship between seismic and aseismic motions induced by forced fluid injections	20/8, 1463-1466 <a href="https://doi.org/10.1007/s10040-012-0901-z">https://doi.org/10.1007/s10040-012-0901-z</a>
2011		
Martin O. Saar	Review: Geothermal heat as a tracer of large-scale groundwater flow and as a means to determine permeability fields	19/1, 31-52 <a href="https://doi.org/10.1007/s10040-010-0657-2">https://doi.org/10.1007/s10040-010-0657-2</a>
Jean-Michel Lemieux	Review: The potential impact of underground geological storage of carbon dioxide in deep saline aquifers on shallow groundwater resources	19/4, 757-778 <a href="https://doi.org/10.1007/s10040-011-0715-4">https://doi.org/10.1007/s10040-011-0715-4</a>
P. B. McMahon, L. N. Plummer, J. K. Böhlke, S. D. Shapiro, S. R. Hinkle	A comparison of recharge rates in aquifers of the United States based on groundwater-age data	19/4, 779-800 <a href="https://doi.org/10.1007/s10040-011-0722-5">https://doi.org/10.1007/s10040-011-0722-5</a>
Yu Zhou, François Zwahlen, Yanxin Wang	The ancient Chinese notes on hydrogeology	19/5, 1103-1114 <a href="https://doi.org/10.1007/s10040-010-0682-1">https://doi.org/10.1007/s10040-010-0682-1</a>
Jerome Perrin, Shakeel Ahmed, Daniel Hunkeler	The effects of geological heterogeneities and piezometric fluctuations on groundwater flow and chemistry in a hard-rock aquifer, southern India	19/6, 1189-1201 <a href="https://doi.org/10.1007/s10040-011-0745-y">https://doi.org/10.1007/s10040-011-0745-y</a>
2010		
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