

Liste des publications 2016 de l'Observatoire de H-Plus

Alazard, M., Boisson, A., Maréchal, J.-C., Perrin, J., Dewandel, B., Schwarz, T., Pettenati, M., Picot-Colbeaux, G., Kloppman, W. and Ahmed, S.: Investigation of recharge dynamics and flow paths in a fractured crystalline aquifer in semi-arid India using borehole logs: implications for managed aquifer recharge, *Hydrogeology Journal*, 24(1), 35–57, <https://doi.org/10.1007/s10040-015-1323-5>, 2016.

Bassil, J., Naveau, A., Fontaine, C., Grasset, L., Bodin, J., Porel, G., Razack, M., Kazpard, V. and Popescu, S.-M.: Investigation of the nature and origin of the geological matrices rich in selenium within the Hydrogeological Experimental Site of Poitiers, France, *Comptes Rendus Geoscience*, 348(8), 598–608, <https://doi.org/10.1016/j.crte.2016.08.004>, 2016.

Bense, V., Read, T., Bour, O., Le Borgne, T., Coleman, T., Krause, S., Chalari, A., Mondanos, M., Ciocca, F. and Selker, J.: Distributed temperature sensing as a downhole tool in hydrogeology, *Water Resources Research*, 52(12), 9259–9273, <https://doi.org/10.1002/2016WR018869>, 2016.

Carrière, S. D., Chalikakis, K., Danquigny, C., Davi, H., Mazzilli, N., Ollivier, C. and Emblanch, C.: The role of porous matrix in water flow regulation within a karst unsaturated zone: an integrated hydrogeophysical approach, *Hydrogeology Journal*, 24(7), 1905–1918, <https://doi.org/10.1007/s10040-016-1425-8>, 2016.

Galibert, P.-Y.: Quantitative estimation of water storage and residence time in the epikarst with time-lapse refraction seismic, *Geophysical Prospecting*, 64(2), 431–444, <https://doi.org/10.1111/1365-2478.12272>, 2016.

Klepikova, M. V., Le Borgne, T., Bour, O., Dentz, M., Hochreutener, R. and Lavenant, N.: Heat as a tracer for understanding transport processes in fractured media: Theory and field assessment from multiscale thermal push-pull tracer tests, *Water Resources Research*, 52(7), 5442–5457, <https://doi.org/10.1002/2016WR018789>, 2016.

Liu, M., Chen, Y., Hong, J. and Zhou, C.: A generalized non-Darcian radial flow model for constant rate test, *Water Resources Research*, 52(12), 9325–9343, <https://doi.org/10.1002/2016WR018963>, 2016.

Mari, J. L. O. and Porel, G.: Flow Detection Using Well Seismic Data, Vienna, Austria, <https://doi.org/10.3997/2214-4609.201600647>, , 2016.

Mazzilli, N., Boucher, M., Chalikakis, K., Legchenko, A., Jourde, H. and Champollion, C.: Contribution of magnetic resonance soundings for characterizing water storage in the unsaturated zone of karst aquifers, *GEOPHYSICS*, 81(4), WB49–WB61, <https://doi.org/10.1190/geo2015-0411.1>, 2016.

Roques, C., Bour, O., Aquilina, L. and Dewandel, B.: High-yielding aquifers in crystalline basement: insights about the role of fault zones, exemplified by Armorican Massif, France, *Hydrogeology Journal*, 24(8), 2157–2170, <https://doi.org/10.1007/s10040-016-1451-6>, 2016.

Sanchez-Vila, X., Ackerer, P., Delay, F. and Guadagnini, A.: Characterization of reciprocity gaps from interference tests in fractured media through a dual porosity model:, *Water Resources Research*, 52(3), 1696–1704, <https://doi.org/10.1002/2015WR018171>, 2016.

Shakas, A., Linde, N., Baron, L., Bochet, O., Bour, O. and Le Borgne, T.: Hydrogeophysical characterization of transport processes in fractured rock by combining push-pull and single-hole ground penetrating radar experiments, *Water Resources Research*, 52(2), 938–953, <https://doi.org/10.1002/2015WR017837>, 2016.

Valois, R., Galibert, P.-Y., Guerin, R. and Plagnes, V.: Application of combined time-lapse seismic refraction and electrical resistivity tomography to the analysis of infiltration and dissolution processes in the epikarst of the Causse du Larzac (France), *Near Surface Geophysics*, 14(1), 13–22, <https://doi.org/10.3997/1873-0604.2015052>, 2016.