

CURRENT POST Professor of hydrology and hydrogeology at EHESP School of Public Health Department of Environmental and Occupational Health, Rennes

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CONTACT DETAILS

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PERSONAL DETAILS

Date of Birth: 28 February 1981

Nationality: French

ACADEMIC QUALIFICATIONS

2008 PhD in Qualitative and Quantitative Hydrogeology, Pierre and Marie Curie University, Paris, France

2004 DEA (Master) in Hydrology, Hydrogeology, Geochemistry and Geostatistics, Pierre and Marie Curie University, Paris France

2003 Maitrise (Master) in Biology and Environmental Sciences, University of Rennes 1, Rennes, France

APPOINTMENT HISTORY

2013 - EHESP School of Public Health, Rennes, France

2008-2012 Flinders University, Adelaide, Australia

TEACHING/TRAINING

* Participation to numerous training courses in France (undergraduate and master level) and in Australia (undergraduate level)

EDITORIAL AND REVIEW ACTIVITIES

*Reviewer for Hydrogeology Journal and Advance in Water Resources

*Co-editor of two science reports on the Great Artesian Basin in Australia

SCIENTIFIC OUTPUT

Rousseau-Gueutin, P., Love, A.J., Vasseur, G., Robinson, N.I., Simmons, C.T. and de Marsily, G., (2013), Time to reach near-steady state in large aquifers, *Water Resource Research*, 49, pp. 6893-6908, <http://dx.doi.org/10.1002/wrcr.20534>

Gonçalvès, J., **Rousseau-Gueutin, P.**, de Marsily, G., Cosenza, P. and Violette, S. (2010). What is the pore pressure in a saturated shale layer? *Water Resources Research*, 46(W04514), pp.1-16 <http://dx.doi.org/10.1029/2009WR008090>.

Rousseau-Gueutin, P., Gonçalvès, J., Cruchaudet, M., de Marsily, G. and Violette, S. (2010). Hydraulic and chemical pulse-tests in shut-in chamber imbedded in an argillaceous formation?: Numerical and Experimental approaches. *Water Resources Research*, 46(W8516), pp.1-17 <http://dx.doi.org/10.1029/2008WR007371>.

Rousseau-Gueutin, P., de Greef, V., Gonçalvès, J., Violette, S. and Chanchole, S. (2009). Experimental device for chemical osmosis measurement on natural clay-rock samples maintained at in situ conditions?: implications for formation pressure interpretations. *Journal of Colloid and Interface Science*, 337(1), pp.106-116 <http://dx.doi.org/10.1016/j.jcis.2009.04.092>.

Gonçalvès, J. and **Rousseau-Gueutin, P.** (2008). Molecular-scale model for the mass density of electrolyte solutions bound by clay surfaces: Application to bentonites. *Journal of Colloid and Interface Science*, 320(2), pp.590-598 <http://dx.doi.org/10.1016/j.jcis.2007.12.009>.

Rousseau-Gueutin, P., Gonçalvès, J. and Violette, S. (2008). Osmotic efficiency in Callovo-Oxfordian argillites: Experimental vs. theoretical models. *Physics and Chemistry of the Earth*, 33(S1), pp.S106-S113 <http://dx.doi.org/10.1016/j.pce.2008.10.064>.

Gonçalvès, J., **Rousseau-Gueutin, P.** and Revil, A. (2007). Introducing interacting diffuse layers in TLM calculations: A reappraisal of the influence of the pore size on the swelling pressure and the osmotic efficiency of compacted bentonites. *Journal of Colloid and Interface Science*, 316(1), pp.92-99 <http://dx.doi.org/10.1016/j.jcis.2007.07.023>.

Gueutin, P., Altmann, S., Gonçalvès, J., Cosenza, P. and Violette, S. (2007). Osmotic interpretation of overpressures from monovalent based triple layer model, in the Callovo-Oxfordian at the Bure site. *Physics and Chemistry of the Earth*, 32(1-7), pp.434-440 <http://dx.doi.org/10.1016/j.pce.2005.12.002>.

