

Abstracts listing

by The University of Birmingham SWITCH Hyporheic Zone Research Site Study
under SWITCH Work Package 5.3 Natural Systems and the Urban Water Cycle
under Task 4: Study of natural systems for water retention and self purification
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Abstracts

<http://www.switch.watsan.net/page/4954/offset/20> - Listing of abstract titles (per below)

Rivett, M.O., Cuthbert, M.O., Mackay, R., Durand, V., Aller, M., -F., Tellam, J.H., Greswell, R.B., Roche, R., 2011. Natural attenuation potential of the urban hyporheic zone: observations from research sites on the River Tame, Birmingham, UK. European Geosciences Union (EGU) General Assembly 2011, 3 – 8 April, Vienna, Austria. Geophysical Research Abstracts Vol. 13, EGU2011-9838.

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Cuthbert, M.O., Durand, V., Aller, M.-F., Greswell, R. B., Rivett, M.O., Mackay, R., 2010. The dynamics of hyporheic exchange flows during storm events in a strongly gaining urban river. European Geosciences Union (EGU) General Assembly 2010, 2 – 7 May, Vienna, Austria.

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Durand, V., Cuthbert, M. O., Aller, M.-F., Greswell, R. B., Rivett, M. O., Mackay, R. 2009. River-aquifer interactions investigated by bank-side borehole pumping experiment. Auftaktworkshop von Hyporheisches Netzwerk, 14-15 December 2009, Berlin.

Rivett, M.O., 2009. Integrated assessment of chlorinated VOCs in the Birmingham aquifer – river Tame system, UK. Proceedings of RiskPoint Fall International Workshop *Assessing the risks posed by point source contamination to groundwater and surface water resources*, 5 -6 October 2009, Copenhagen, Denmark.

Durand, V., Cuthbert, M.O., Mackay, R., Aller, M.-F., Rivett, M.O., Greswell, R. B., Tellam, J.H., 2009. Is it possible to control the water exchanges in the hyporheic zone by long-term bank-side extraction field tests? European Geosciences Union (EGU) General Assembly 2009, 19-24 April, Vienna, Austria. <http://www.switch.watsan.net/page/4954/offset/30> - Talk

Durand, V., Aller, M.F., Greswell, R.B., Rivett, M.O., Mackay, R., Tellam, J.H., 2008. Bank-side extraction well field tests to investigate water exchanges and physico-chemical conditions in the hyporheic zone. European Geosciences Union (EGU) General Assembly 2008, 13 – 18 April, Vienna. <http://www.switch.watsan.net/page/4954/offset/30> - Talk

Durand, V., Aller, M.F., Greswell, R.B., Rivett, M.O., Mackay, R., Tellam, J.H., 2008. First experimental and simulation results of bank-side extraction well field tests to influence water exchanges in the hyporheic zone. British Hydrological Society (BHS) Meeting, Birmingham, UK. <http://www.switch.watsan.net/page/4954/offset/30> - Poster

Durand, V., Aller, M.F., Greswell, R.B., Rivett, M.O., Mackay, R., Tellam, J.H., Smith, J.W.N., 2007. Use of bank-side extraction well field tests to investigate hyporheic zone natural attenuation: Concept and natural site conditions. Abstract in: *Proc. of the Geological Society Bicentenary Conference: Earth Sciences in the Service of Society*, QE II Centre, London, UK, 10-12th September, 2007, 104. <http://www.switch.watsan.net/page/4954/offset/40> - Poster

Durand, V., Fernanda Aller M., Greswell, R.B., Rivett, M.O., Mackay, R., Tellam, J.H., 2007. Investigation of the Hyporheic Zone via bank-side extraction well field tests: Concept, design and site conditions. Hyporheic Network workshop, 11-12 June 2007, Sheffield, UK. <http://www.switch.watsan.net/page/4954/offset/30> - Poster

Rivett, M.O., 2006. SWITCH - Natural Systems and the Urban Water Cycle. Hyporeheic Zone Network Scientific Meeting, October 2006, University of Sheffield, Sheffield, UK. <http://www.switch.watsan.net/page/4954/offset/30> - Talk