

# Better Thames Network

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Publications in this table are listed alphabetically by title, for key word searches use find or search keys in EDIT.

Title /description	Authors/contributors	Link or location
A novel tracer technique for the assessment of fine sediment dynamics in urban water management systems	K.L. Spencer, I.G. Droppo, C. He, L. Grapentine, K. Exall	Member's profile: Kate Spencer
Diffuse Urban Pollution Workshop: case study the Lower Lee	Phil Belfield (E.A.), Richard Dean, (EA), Bob Evans (Anglia Ruskin University), Bryan Ellis, University of Middlesex, Ian Foster (University of Northampton), Rob McCarthy (E.A.), David Rawson (University of Bedfordshire), Peter Rudd (E.A.)	<a href="#">Diffuse Urban Pollution Discussion Group Outputs.pdf</a>
Effect of Flood Recession on Scouring at Bed Sills	Matteo Tregnaghi, Ph.D.; Andrea Marion; Stephen Coleman; and Simon Tait	Member's profile: Simon Tait
Estimation of Uncertainty in Long-Term Sewer Sediment Predictions Using a Response Database	A. N. A. Schellart, S. J. Tait, and R. M. Ashley	Member's profile: Alma Schellart
Examining the physical components of boundary shear stress for water-worked gravel deposits	James R. Cooper and Simon J. Tait	Member's profile: Simon Tait
Groundwater case studies and discussion points	Phil Aldous (ESI), Sabine Apitz (SEA Environmental Decisions Ltd), Tim Besien (EA), Bryan Ellis (University of Middlesex), Ian Foster (University of Northampton), Craig Hampton (EA), Jan Hookey (EA), Jenny Thomas (EA)	<a href="#">Groundwater case studies and discussion points.zip</a>
Groundwater Issues in the Thames River Basin District <b>Presentation from</b>	Jenny Thomas	<a href="#">Groundwater issues in the Thames River Basin District.pdf</a>

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<b>Groundwater Workshop</b>		
Groundwater-surface water interactions <b>Presentation from Groundwater Workshop</b>	Marianne Stuart	Member's profile: Marianne Stuart
Heavy metal distribution and early-digenesis in salt marsh sediments from the Medway Estuary, Kent, UK	Kate L. Spencer, Andrew B. Cundy, Ian W. Croudace	Member's profile: Kate Spencer
Identifying, quantifying and mitigating urban diffuse pollution in the Lower Lea catchment <b>Presentation from Diffuse Urban Pollution workshop</b>	J. Bryan Ellis	Member's profile: Bryan Ellis
Lower Lee <b>Presentation from Diffuse Urban Pollution workshop</b>	Pete Rudd	<a href="#">Lower Lee presentation</a>
Macroinvertebrate richness on flood defence walls of the tidal River Thames.	Hoggart S.P.G., Francis R.A. and Chadwick M.A.	Member's profile: Rob Francis
Meeting the challenges of urban river habitat restoration: developing a methodology for the River Thames through central London.	Francis R.A., Hoggart S.P.G., Gurnell A.M. and Coode C.	Member's profile: Rob Francis
Pesticide run off into English rivers – a big problem for farmers	R. Evans	Member's profile: Bob Evans
Perspectives on the potential for reconciliation ecology in urban riverscapes	Francis R.A.	Member's profile: Rob Francis
Phosphorus inputs to surface waters: challenges in meeting the water quality criteria of the EU Water Framework Directive	Peter S. Hooda & Helen K.G.R Millier	Member's profile: Helen Millier
Phosphorus species and fractionation - Why	Helen K.G.R. Millier & Peter S. Hooda	Member's profile: Helen Millier

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sewage derived phosphorus is a problem		
Positioning urban rivers within urban ecology	Francis R.A.	Member's profile: Rob Francis
Potential impacts of water injection dredging on water quality and ecotoxicity in Limehouse Basin, River Thames, SE England, UK	K.L. Spencer , R.E. Dewhurst , P. Penna	Member's profile: Kate Spencer
Probabilistic description of grain resistance from simultaneous flow field and grain motion measurements	Andrea Bottacin-Busolin, Simon J. Tait, Andrea Marion, Amir Chegini, and Matteo Tregnaghi	Member's profile: Simon Tait
Reconnaissance surveys to assess sources of diffuse pollution in rural catchments in East Anglia, eastern England – implications for policy	R. Evans	Member's profile: Bob Evans
Runoff and soil erosion in arable Britain: changes in perception and policy since 1945	R. Evans	Member's profile: Bob Evans
Sediment and physical habitat dynamics in river system <b>Presentation from Sediments Workshop</b>	Angela Gurnell	Member's profile: Angela Gurnell
Sediment quality of UK (and other!) rivers <b>Presentation from Diffuse Urban Pollution workshop</b>	Dr Lian Lundy	Member's profile: Lian Lundy
Sediment pressures: Impacts and solutions <b>Breakout group feedback from workshop held on 6<sup>th</sup> April 2011</b>	Dr Susanne Charlesworth (Coventry University), Maxine Clement ( E.A.), Adrian Collins (ADAS), Bob Evans (Anglia Ruskin University), Ian Foster (University of Northampton), Robert Iles (EA), Nick Jarritt (AMEC), Tim Johns, (E.A.), Clive Phillips	<a href="#">Sediment_workshop_outputs.pdf</a>

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	(E.A.), Peter Rudd (E.A.), Dr Paul Wood (Loughborough University)	
Source and distribution of trace metals in the Medway and Swale estuaries, Kent, UK	K.L. Spencer , C.L. MacLeod , A. Tuckett, S.M. Johnson	Member's profile: Kate Spencer
Spatially representative velocity measurement over water - worked gravel beds	James R. Cooper and Simon J. Tait	Member's profile: Simon Tait
Specialist publications & reports/C.V's	David Rogers, Elizabeth Watson	Members' profile: David Rogers, Elizabeth Watson
Sustainable Drainage Systems (SUDS) <b>Presentation from Diffuse Urban Pollution workshop</b>	Susanne Charlesworth	Member's profile: Susanne Charlesworth
The flora of urban river wallsapes	Francis R.A. and Hoggart S.P.G.	Member's profile: Rob Francis
The impact of fine sediment on macro-invertebrates	J. I. Jones J. F. Murphy, A. L. Collins, D. A. Sear, P. S. Naden and P. D. Armitage	Member's profile: J. Iwan Jones
The impacts of fine sediment on riverine fish	Paul Kemp, David Sear, Adrian Collins, Pamela Naden and Iwan Jones	Member's profile: J. Iwan Jones
The potential for paleolimnology to determine historic sediment delivery to rivers	I. D. L. Foster, A. L. Collins, P. S. Naden, D. A. Sear, J. I. Jones, Y. Zhang	Member's profile: Ian Foster
The relationship between fine sediment and macrophytes in rivers.	J.I. Jones, A.L. Collins, P.S. Naden and D.A. Sear	Member's profile: J. Iwan Jones
Transport and fate of contaminants in Groundwater <b>Presentation from Groundwater Workshop</b>	Jane Dottridge	Member's profile: Jane Dottridge
Towards quantification of uncertainty in predicting water quality failures in integrated catchment model studies	A.N.A. Schellart , S.J. Tait, R.M. Ashley	Member's profile: Alma Schellart
Urban river wall habitat and vegetation: observations from the	Francis R.A. and Hoggart S.P.G.	Member's profile: Rob Francis

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River Thames through central London.		
Waste not, want not: the need to utilise existing artificial structures for habitat improvement along urban rivers	Francis R.A. and Hoggart S.P.G.	Member's profile: Rob Francis
Water-worked gravel beds in laboratory flumes – a natural analogue?	James R. Cooper and Simon J. Tait	Member's profile: Simon Tait