

# Programme

DAY 1			
10:00	<b>Welcome (Prof Joseph Holden)</b> <b>Room: Headingley Suite, Weetwood Hall Hotel, Leeds</b>		
10:05	<b>Keynote 1 – Water quality in the UK (Prof Adrian McDonald)</b>		
10:25	<b>Keynote 2 – Water quality in the US mid-West (Dr George Czapar)</b>		
10:45	<b>Keynote 3 – Water quality in China (Dr Zhijian Zhang)</b>		
11:05	<b>COFFEE</b>		
	<b>1. Management, policy and international modelling</b> <b>Chair: Prof Joseph Holden</b> <b>Room: Headingley Suite</b>		
11:25	Integrated water demand management: innovative approach adopted by Mercy Corps Organisation in Jordan [Assayed, A]		
11:50	An assessment of risks and potential measures for WFD compliance in Yorkshire's rivers [Crabtree, B.]		
12:15	Water policy in the UK - impacts of policy development on water quality [Marshall, J.]		
12:40	Continental scale modelling of water quality in rivers [Williams, R.]		
13:05	<b>Further Questions/Discussion</b>		
13:10	<b>LUNCH</b>		
	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <b>2a. Treatment</b>  <b>Chair: Dr Miller Camargo-Valero</b>  <b>Room: Headingley 2</b> </td> <td style="width: 50%; vertical-align: top;"> <b>3a. Monitoring, ecosystem and health</b>  <b>Chair: Dr Julian Dawson</b>  <b>Room: Headingley 1</b> </td> </tr> </table>	<b>2a. Treatment</b> <b>Chair: Dr Miller Camargo-Valero</b> <b>Room: Headingley 2</b>	<b>3a. Monitoring, ecosystem and health</b> <b>Chair: Dr Julian Dawson</b> <b>Room: Headingley 1</b>
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14:10	Improved dye adsorption for water treatment using the Arvia process [Asghar, HMA]		
14:35	Using intermittent sand filter for greywater treatment: case studies in Jordanian rural communities [Assayed, A]		
15:00	Application of natural and modified materials for treatment of acid mine drainage [Bogush, AA]		
15:25	Exploring the potential of agricultural constructed wetlands to mitigate diffuse pollution [Deasy, C.]		
15:50	<b>Further Questions/Discussion</b>		
15:55	<b>TEA</b>		
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16:15	Recovering resources and reducing the carbon footprint: a better way to deal with wastewater screenings [Cadavid, LS]		
16:40	A submerged membrane-ion exchange hybrid process for chromium(III) removal [Edeballi, S.]		
17:05	Natural wastewater treatment systems for N control and recovery [Camargo-Valero]		
17:30	<b>Further Questions/Discussion</b>		
17:45	<b>POSTER PRESENTATIONS</b> <b>Room: Headingley Suite</b>		
19:30	<b>DINNER</b>		

<b>DAY 2</b>		
<b>09:15</b>	<b>Welcome to Day 2</b>	<b>Welcome to Day 2</b>
	<b>4. Treatment: Part 2</b> <b>Chair: Dr David Adams</b> <b>Room: Headingley 2</b>	<b>5. Nutrients</b> <b>Chair: Dr George Czapar</b> <b>Room: Headingley 1</b>
<b>09:20</b>	The use of <i>Calligonium comosum</i> stems as a new adsorbent material for the removal of toxic Cr(VI) ions from aqueous media [Ackacha, MA]	Long-term DOC export from UK peatlands [Howden, NJK]
<b>09:45</b>	Detection of genes for toxin production in cyanobacterial strains tested for sensitivity towards barley straw inhibition [Lalung, J.]	In-situ measurement of nutrient dynamics and cycling in freshwaters [Palmer-Felgate, E.J.]
<b>10:10</b>	Biological phosphorus removal and relevant microorganism characteristics of sludge at municipal wastewater treatment plants, China [Wang, H.]	Microcosmic investigation on characteristics and mechanisms of phosphorus cycling between water and sediment subjected to warming [Zhang, Zhijian]
<b>10:35</b>	Nano-zeolite formation from coal fly ash and its potential for recovering NH <sub>4</sub> and PO <sub>4</sub> from wastewater [Chen, Xiaoyan]	Are climate factors more important than nutrient supply in determining river phytoplankton populations? [Hutchins, MG]
<b>11:00</b>	<b>Further Questions/Discussion</b>	<b>Further Questions/Discussion</b>
<b>11:05</b>	<b>COFFEE</b>	
	<b>6. Tools</b> <b>Chair: Dr Catherine Noakes</b> <b>Room: Headingley 2</b>	<b>7. New initiatives, future issues</b> <b>Chair: Dr Jim Marshall</b> <b>Room: Headingley 1</b>
<b>11:30</b>	Catchment Monitoring Network Protects the Thames River [Hanson, D.]	Demonstration test catchments as a means of developing a robust evidence base for catchment management [Harris, B.]
<b>11:55</b>	Novel combinations of sensor technology and data analysis for safe drinking water production [Cauchi, M.]	How effective is the implementation of controls on diffuse pollution under the Water Framework Directive in Scotland? Answers and questions from the Lunan Diffuse Pollution Monitored Catchment project. [Vinten, A]
<b>12:20</b>	What can complex network theory tell us about water quality in a distribution network? [Virden, D.]	Water resource modelling and climate change adaptation [Kemlo, A.]
<b>12:45</b>	<b>Further Questions/Discussion</b>	<b>Further Questions/Discussion</b>
<b>12:50</b>	<b>LUNCH</b>	
<b>13:50</b>	<b>Workshop 1</b> <b>Global water quality: the big issues in a changing environment</b> <b>Facilitator: Prof Joseph Holden</b> <b>Room: Headingley 1</b>	<b>Workshop 2</b> <b>Water quality in developing vs. developed countries</b> <b>Facilitator: Dr Rebecca Slack</b> <b>Room: Headingley 2</b>
<b>15:30</b>	<b>TEA</b>	
<b>16:00</b>	<b>FINAL WORD</b> <b>Chairs of Water Quality 2010:</b> <b>Professor Joseph Holden, Dr George Czapar and Dr Zhijian Zhang</b> <b>Room: Headingley Suite</b>	
<b>16:30</b>	<b>CLOSE</b>	