

# CaBA / Natural Course Workshop

## Water Quality Monitoring



Thursday 8<sup>th</sup> December 2016

[The Mechanics Centre, 103 Princess Street, Manchester, M1 6DD](#)

### Programme

- 09:30**            **Registration - Refreshments available**
- 10.00**            **Welcome and Introduction**  
*David Johnson (The Rivers Trust)*  
Purpose of the day and how the workshop fits in to the wider Natural Course and CaBA work programmes.
- 10:15**            **Querying and Interpreting the EA's OpenWIMS Water Quality Archive**  
*Paul Hulme and Michelle Walker (The Rivers Trust)*  
A demonstration and some practical exercises to complete during the workshop and take away to complete later. How to query the OpenWIMS data archive, visualise the data in graphs and maps and interpret the data.
- 10.45**            **Continuous v Regular v Spot Sampling – what difference does time make?**  
*Paul Hulme (The Rivers Trust)*  
A practical exercise to help understand the limitations and advantages of different temporal resolutions of water quality samples.
- 11:30**            **Water quality spot testing for targeting catchment interventions**  
*Simon Browning (Westcountry Rivers Trust)*  
How to use multiple spot samples to create a catchment scorecard to help target farm advice and agricultural diffuse pollution interventions.
- 12:30**            **Lunch** (*chance to see some WQ sampling kit*)
- 13:15**            **Freshwater Watch – Citizen Science for Informing Catchment Management**  
*Ian Thornhill (Earthwatch)*  
A presentation and practical exercise to demonstrate the value of citizen science for informing catchment management.
- 14:00**            **Creating a Monitoring Plan as part of a Catchment Plan**  
*David Johnson (The Rivers Trust)*  
Working in local catchment groups, use the PRAGMO guidance to start drafting a joint water quality monitoring strategy for your catchment.
- 15:00**            **Tea/Coffee Break**
- 15:15**            **Discussion and Feedback**  
*Paul Hulme (The Rivers Trust)*  
Your chance to ask questions, discuss issues arising and inform where we go next to better support and enable CaBA water quality monitoring.
- 16:00**            **Finish**

## Attendees

<i>First Name</i>	<i>Surname</i>	<i>Organisation</i>
Rachel	Argyros	Environment Agency
Tim	Armour-Chelu	United Utilities
Dave	Barber	Environment Agency
Mike	Beard	GM Local Record Centre
Louisa	Blundell	Lune Rivers Trust
Geoff	Brighty	IntCatch
Ellie	Brown	Ribble Rivers Trust
Simon	Browning	Westcountry Rivers Trust
Katherine	Causar	Environment Agency
Sara	Clowes	Groundwork CLM
Paul	Corner	Healthy Rivers Trust
Helen	Dix	Environment Agency
Mike	Duddy	Mersey Rivers Trust
Andy	Goodwin	Environment Agency
Catriona	Hare	Environment Agency
Rebecca	Howard	Healthy Rivers Trust
Paul	Hulme	The Rivers Trust
David	Johnson	The Rivers Trust
Peter	Lloyd	Independent
Matt	Loewenthal	Environment Agency
Jayne	Mann	The Rivers Trust
Paula	Nickson	Downstreams
Paula	Pearson	Groundwork MSSTT
Caitlin	Pearson	Yorkshire Dales Rivers Trust
Caroline	Riley	Healthy Rivers Trust
Chris	Ryder	Yorkshire Dales Rivers Trust
Vikki	Salas	West Cumbria Rivers Trust
Tracey	Smith	Environment Agency
Ian	Thornhill	Earthwatch Institute
Michelle	Walker	The Rivers Trust
Jayne	Wilkinson	South Cumbria Rivers Trust