

**FEEDBACK**

Thursday 8th December 2016 , Manchester

**Suggestions for improvements to Open WIMS**

Attendees were asked to vote for suggested improvements to the OpenWIMS website and tools, which the team had built to facilitate access.

Suggested improvement	Average Rank (1 = highest priority)
Click on a water body to be able to extract the data from all the sampling points within the water body boundary and import to desktop GIS.	2.8
Click to be able to filter only specific determinands.	3.5
Click to be able to extract data for a specified time period (e.g. 2000 - 2015).	4.0
Extract in a format which can go straight into an Excel spreadsheet in a tabular format rather than database format.	2.3
An online map to interactively select a subset of sampling points, extract the data from Open WIMS and visualise results in the online map.	2.1

**User Comments**

WIMS data - ensure it's clear if sample is from river / effluent channel, etc. Some information (translated from EA language) of driver, e.g. WFD classification vs investigatory site, etc.

Find it easier to view data in desktop GIS than ArcGIS online

Need to make it as automatic as possible - straight to map or graph.

**Monitoring plans**

We are planning a workshop on catchment planning in January/February. Are you interested in being involved either as a participant or as a contributor? What other support would help?

Possible support	Average Rank (1 = most useful)
Workshop or surgery? Explain what we have done so far.	1.6
Guidance. We have published draft Catchment Planning guidance.	2.6
Templates. If yes then templates for what? These will be published on the CaBA website.	3.5
Case Studies. Examples of what others are doing.	1.9
Any of the four sections of a plan that you do not think we should put in the guidance?	none

**User Comments**

In regards monitoring plan - thing about mechanism to get outcome. I.e. if getting evidence project may be v. different approach to [getting?] for AMP scheme (latter need be done in conjunction)

How much variation is acceptable in the eyes of the funder. Different CaBA partnerships have different priorities and might not always have WFD at the top of their list.

need surgery for our existing catchment plan

**PROPOSED CaBA SUPPORT ACTION**

No further Natural Course-funded devt work for now as we have provided an interim solution to extract single or multiple points. Create feedback survey and include in xls templates to assess level of demand. Meet with Luis Velasquez from Earthwatch and find out how he has extracted data from OpenWIMS. Aim to incorporate some of these requirements in to a future HLF, etc. bid

Will include this on sampling points map

Data can be extracted to view in desktop GIS also

As above - see what others are doing and write in to future bid.

Workshops going ahead in Jan/Feb 2017

Published on CABA website

Need to harvest more case studies

Incorporate this in to guidance

Aspirational projects template provides multiple benefit criteria for assessing projects. Need to use same approach in monitoring plan - will incorporate in guidance and workshops

Will include this in the Jan/Feb workshops

<b>Relevance of each session</b>		
<i>Was each of the sessions relevant to your work over the next year or two?</i>		
<b>Session</b>	<b>Average Score (1=great, 2=ok, 3=poor)</b>	
<i>Querying and interpreting the EA's Open WIMS Water Quality Archive</i>	1.0	
<i>Continuous v regular v spot sampling – what difference does time make?</i>	1.2	
<i>Water quality spot testing for targeting catchment interventions</i>	1.2	
<i>Chance to see some WQ sampling kit (over lunch)</i>	1.4	
<i>Freshwater Watch – citizen science for informing catchment management</i>	1.3	
<i>Creating a monitoring plan as part of a catchment plan</i>	1.2	
<b>User Comments</b>		
Some sessions quite superficial. Would really benefit from increased focus on interpretation (like Peter's short session). Crib sheets will really help with this.		
case studies clearly showing how WQ monitoring was used in project or catchment planning. Monitoring plan is a bit scary for hosts I think.		
Already have an evaluation / monitoring plan for HLF project		
<b>8. Next workshop</b>		
<i>We are planning a second training workshop on water quality in Spring 2017. What topics would you like to see covered? Put a maximum of three votes below. Feel free to add your own topics at the end.</i>		
<b>Topic</b>	<b>Number of People prioritising (Higher number = higher priority)</b>	
<i>A session on common WQ determinands and what they can tell you and crib sheet.</i>	8	
<i>Instruction on using monitoring kit on the river.</i>	3	
<i>Understanding how the raw ammonia and phosphate data at sampling points are used to classify whole water bodies for WFD status.</i>	1	
<i>Analysis of phosphate data.</i>	3	
<i>What does plotting data vs. rainfall or river flow tell us about misconceptions, agricultural diffuse pollution and combined sewer overflows (CSOs)?</i>	7	
<i>More about monitoring sewage treatment works, e.g. wet weather discharges.</i>	2	
<i>Is measuring dissolved oxygen useful or not?</i>	2	
<i>The usefulness of electrical conductivity measurements.</i>	2	
<i>More examples of using citizen science data to answer specific questions.</i>	5	
<i>Looking at pollutant loads, e.g. P &amp; N and the EA's Source Apportionment GIS (SAGIS) data.</i>	3	
		We will focus more on data interpretation than on using and deploying monitoring kit in any future WQ training.
		In future workshops and poss webinars, we will invite people to bring an extract from WIMS for their local site, and we will review this and provide feedback on temporal and spatial patterns. We need CABA partners to provide case studies for existing monitoring
		Share examples on CaBA website
		Collaboratively write WQ determinands crib sheet. Put out call for volunteers in Jan.
		Incorporate this in next course and in crib sheet. MW to contact CSF for copy of WQ monitoring guidance produced few years ago.
		Further case studies required - e.g. How FWW is answering specific questions.