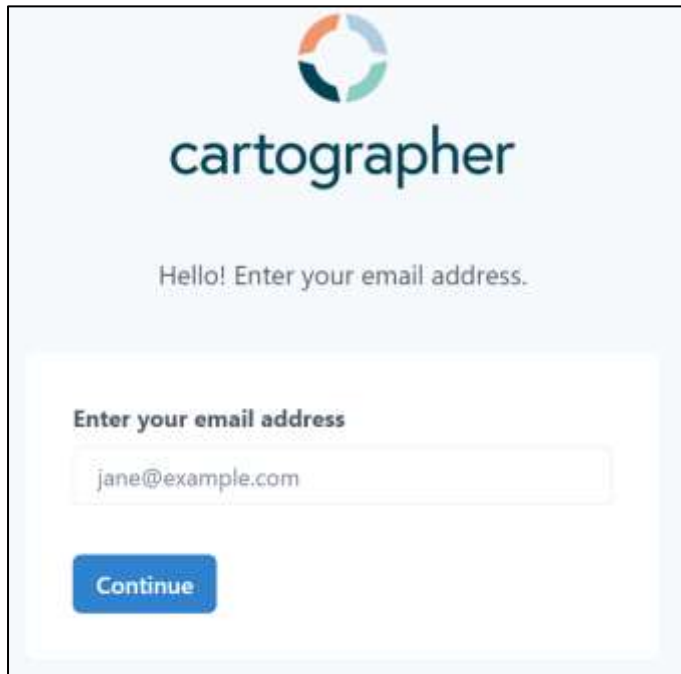


WSRT Cartographer Guide

Log In

Follow register/log-in instructions emailed from Cartographer/myself (check junk folder if email can't be located).

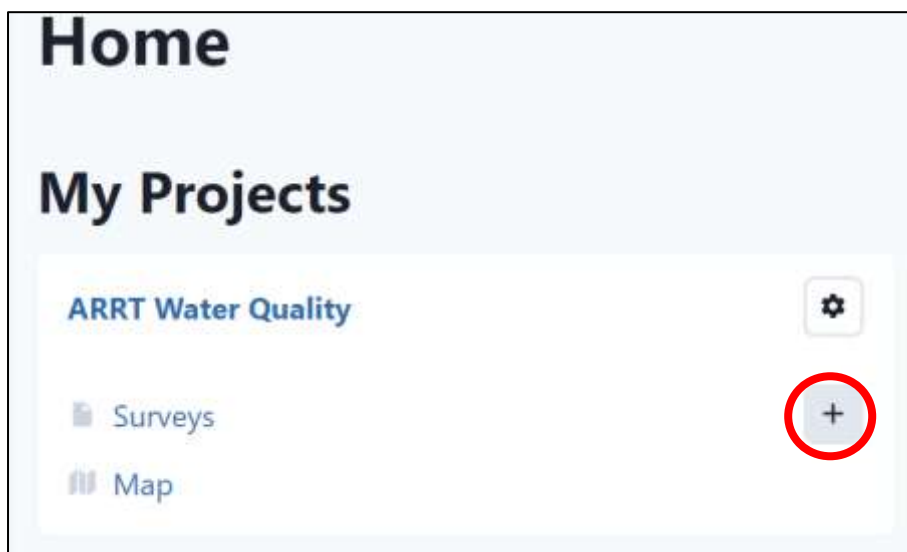


The screenshot shows the Cartographer login interface. At the top is the Cartographer logo, which consists of a circular icon with four colored segments (orange, blue, green, and red) surrounding a central white circle. Below the logo is the word "cartographer" in a lowercase, sans-serif font. Underneath that is the text "Hello! Enter your email address." in a smaller font. A white rectangular box contains the label "Enter your email address" in bold. Inside this box is a text input field with the placeholder text "jane@example.com". Below the input field is a blue button with the word "Continue" in white text.

My Projects – Homepage

Click [Surveys](#) to browse previously completed surveys (list form) and [Map](#) to browse completed surveys (map viewer).

Click the + icon on the right-hand side to begin a new survey/upload new data.

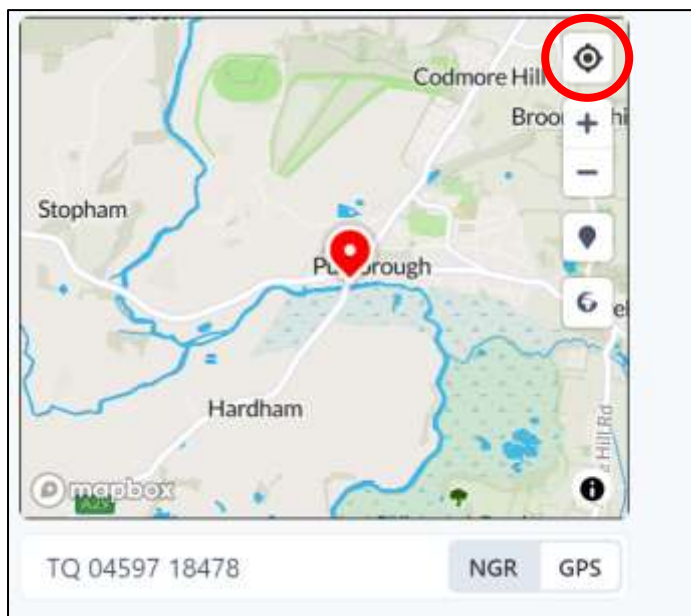


The screenshot shows the "My Projects" section of the Cartographer homepage. At the top left is the word "Home" in a large, bold, black font. Below it is the section header "My Projects" in a slightly smaller, bold, black font. Under "My Projects" is a white card. Inside the card, the text "ARRT Water Quality" is displayed in a blue font. To the right of this text is a small grey square button with a white gear icon. Below "ARRT Water Quality" are two links: "Surveys" with a small grey square icon to its left, and "Map" with a small grey square icon to its left. To the right of these links is a red circular button with a white plus sign (+) inside, which is highlighted by a red circle.

Completing Survey

Follow survey instructions to fill out online form, it's close to identical to our paper copy (Use WSRT WQ Survey and WSRT WQ Survey Form Guide for guidance).

Enter the location of your survey site, this can be by Grid Reference, Latitude/Longitude, Zooming and clicking on the provided map (see below) or by clicking the 'Use Current Location' icon in the top right corner (circled). This is especially useful if using website/app on your phone when out at your site, it's quick and easy (don't use current location button if uploading data from PC/laptop at home, only input location where survey was completed).



For the rest of the survey, tick corresponding boxes and fill in values to outline the River Characteristics, Pollution and Ecosystem Observations.

Feel free to upload a few photos from your site every month (again quite easy when using a phone as you can upload directly) and write as many notes (found at the bottom of the page) as this provides extra info that might not be captured by the survey but could be very important when looking back at a particular survey/result!

General Ecosystem Observations		
Dominant Land Use within ~50m (tick all that apply)		
<input type="checkbox"/> Woodland	<input type="checkbox"/> Moorland/Heath	<input type="checkbox"/> Urban/Residential
<input type="checkbox"/> Industrial/Commercial	<input type="checkbox"/> Grassland/Pasture	<input type="checkbox"/> Agriculture (Crops)
<input type="checkbox"/> Tired Land (Ploughed/Cultivated Field)	<input type="checkbox"/> Other	
Dominant Bankside Vegetation (tick all that apply)		
<input type="checkbox"/> Trees/Shrub	<input type="checkbox"/> Mixed Plants/Flowers	<input type="checkbox"/> Grass
<input type="checkbox"/> None (Bare Earth)	<input type="checkbox"/> None (Impermeable Surface e.g. Tarmac)	<input type="checkbox"/> Other
Wildlife Spotted (tick all that apply)		
<input type="checkbox"/> None	<input type="checkbox"/> Otter	<input type="checkbox"/> Water vole
<input type="checkbox"/> Kingfisher	<input type="checkbox"/> Grey Wagtail	<input type="checkbox"/> Heron
<input type="checkbox"/> Fox	<input type="checkbox"/> Dragonflies/Damselflies	<input type="checkbox"/> Duck
<input type="checkbox"/> Moorhen/Coot	<input type="checkbox"/> Goose	<input type="checkbox"/> Swan
<input type="checkbox"/> Other		
Problem Plant Species (tick all that apply)		
<input type="checkbox"/> Himalayan Balsam	<input type="checkbox"/> Japanese Knotweed	<input type="checkbox"/> Giant Hogweed
<input type="checkbox"/> Skullb Cabbage	<input type="checkbox"/> Curly Waterweed	<input type="checkbox"/> Floating Pennywort

Survey Status

When finishing a survey, select 'Complete' if you're happy for it to be checked and uploaded to the system. If you want to come back to your survey later, select 'Draft' and you can return after you've found your results notepad, or uploaded your photos to your computer etc! Note that 'Draft' surveys will not be visible to others until they are marked as 'Complete' and subsequently 'Approved'.

STATUS

Draft

Complete

Approved







Approved

Viewing and Duplicating Surveys

Below is the Survey viewer (if you click 'Surveys' at the project homepage page). You can sort results by clicking each heading (Date, Description, Surveyor, Status etc) or search using the search bar and filters.

The most important part of this page is the '**Duplicate Survey**' icon (circled below). This allows you to upload a following survey to the same site, without having to type out all the same info (site name, location, land use and some river characteristics). This makes future data uploads much faster and easier.

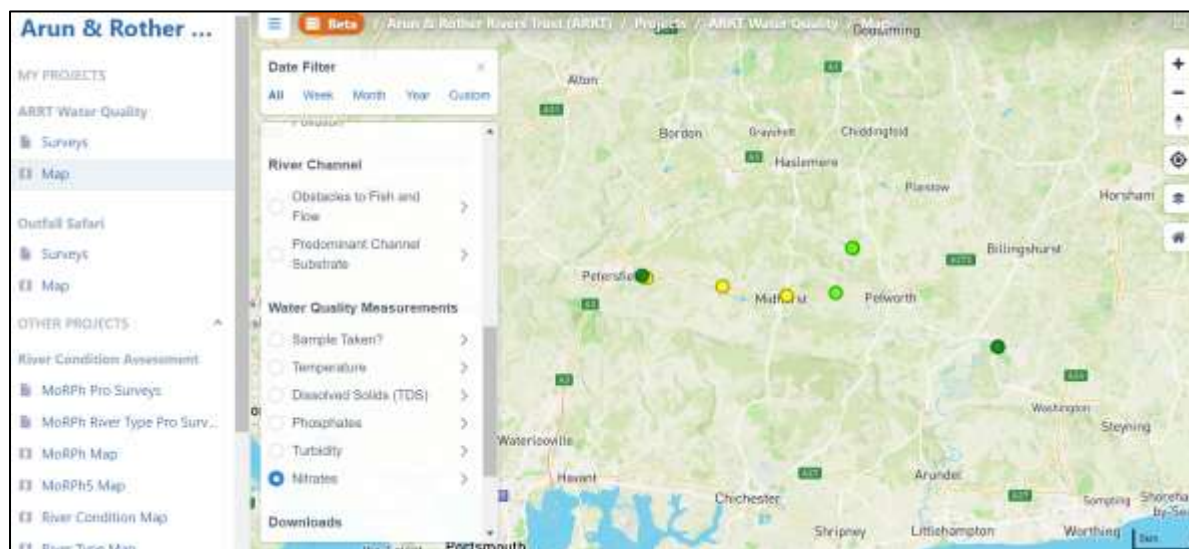
E.g. If I complete another survey at the River Lod at Halfway Bridge the following month. I simply click 'Duplicate Survey' and fill in my wildlife, pollution and test kit readings and it's all done!

ARRT Water Quality					Add
Enter search term		All Statuses	All Dates	All Locations	Download
DATE	DESCRIPTION	SURVEYOR	STATUS		
26/01/2024	River Lod, Lod at Halfway Bridge, SU 93096 22021	Keir Smith	Approved		
26/01/2024	River Lod, Lod lodge farm bridge, SU 93959 24230	Keir Smith	Approved		
26/01/2024	River Lod, River Lod d/s of Mill Pond Footbridge, SU 94401 25757	Keir Smith	Approved		

Viewing Results on Map

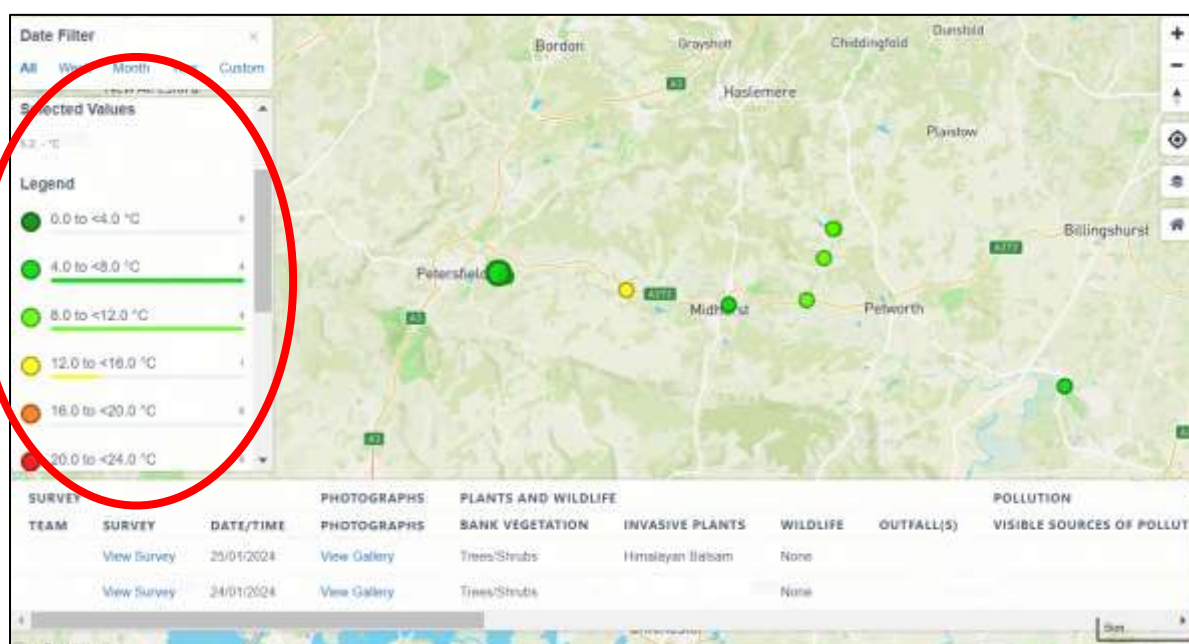
Click 'Map' on the project homepage to see water quality results across the catchment.

Results can be filtered by date, measurement etc. For example, pressing Nitrates will show you the different nitrate levels measured across the catchment. A fantastic way to quickly compare results or identify areas with significantly high/low results of a certain indicator.



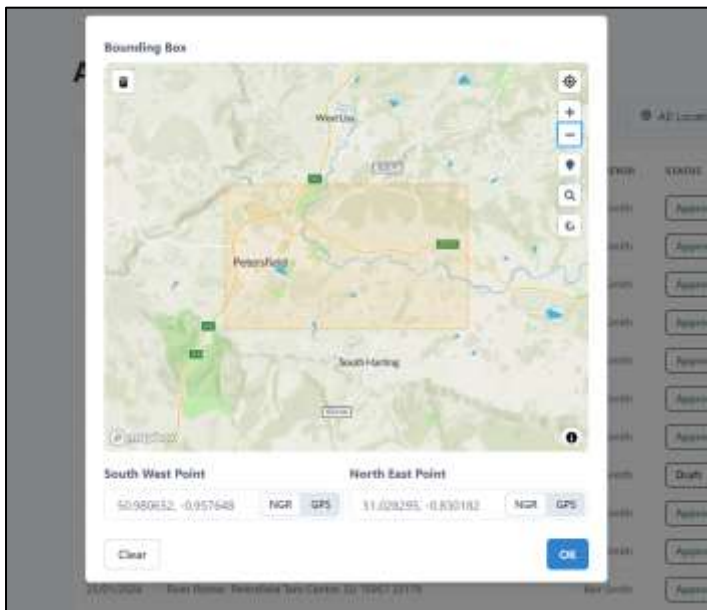
After selecting an indicator/measurement to view, a legend on the left-hand side (see below) will identify results and corresponding colours. Clicking on a site and scrolling on this left tab will show a results timeline and how temperature at site X has fluctuated.

After selecting a site, the bottom tab shows all info regarding a site. In the example below, there have been two surveys at this site, but there could be 100+. These can be scroll through chronologically, allowing results at a site to be quickly compared.



Downloading Survey Data

Collected data can be downloaded/exported to provide further analysis on excel etc. Simply filter your desired survey dates and location (create bounding box – see below).



After selecting dates and locations, click download and select Excel and the data will be downloaded for external use.

