

Manual

www.shorewaterdata.com/myanmar data
download

Content

1. Introduction	2
2. Landing page	2
3. Map-view	3
4. Sign in page	4
5. Personal portal.....	5
6. Data tab.....	6
7. Request access tab.....	7
8. Settings tab	8

1. Introduction

The present document contains an illustrated tutorial on how to download data from www.shorewaterdata.com/myanmar. This URL refers to an online data portal initiated by Shore Monitoring & Research (hereafter SHORE) to improve the availability and accessibility of reliable water data for hydraulic engineering purposes in Myanmar.

The coming sections show how data can be found and subsequently downloaded:

2. Landing page

After searching for www.shorewaterdata.com/myanmar a visitor will observe the following landing page:

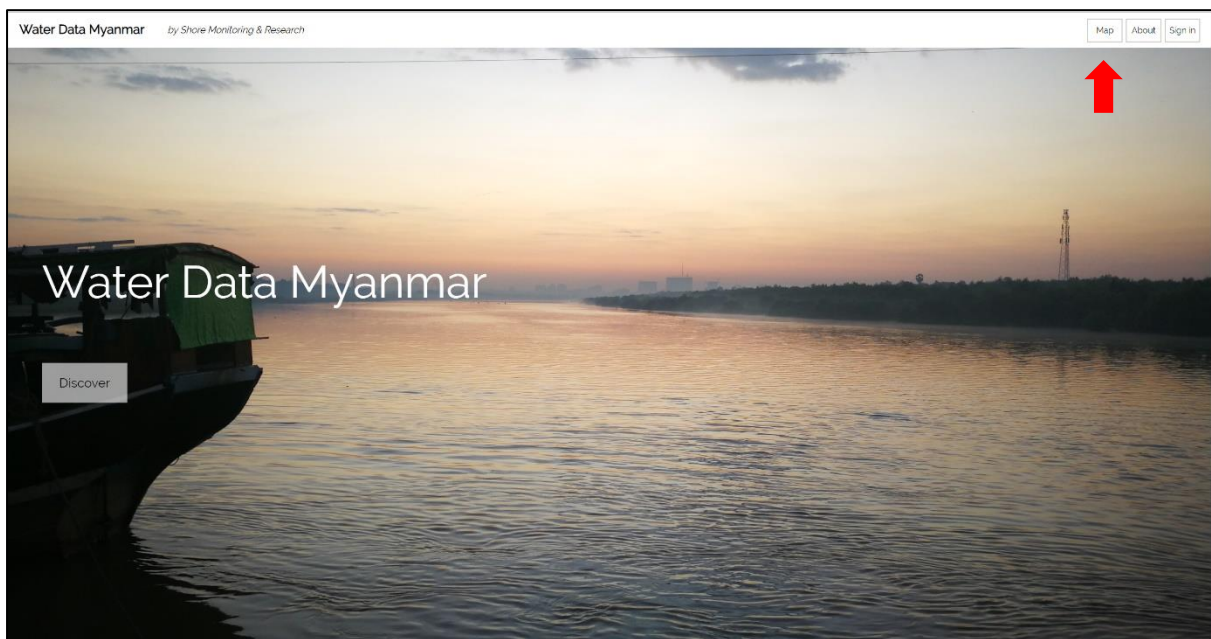


Figure 1; Landing page

By clicking the 'Discover'-button, the visitor can read more about the background of the data portal. However, the most important feature of the portal can be reached by clicking the 'Map'-button indicated with the red arrow (Fig. 1).

3. Map-view

Clicking the 'Map'-button guides the visitor to the map-view:

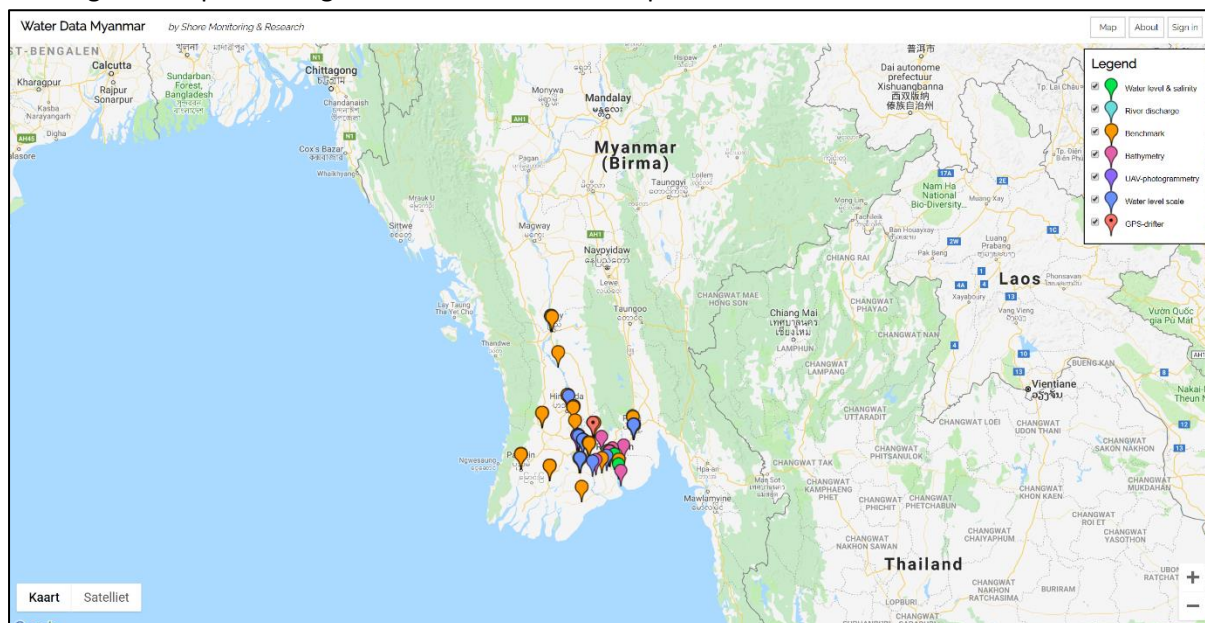


Figure 2; Map-view. The colours of the markers correspond to different types of data sets, whereas the position of the markers provides an indication of the geographic location of the data.

In the map-view, the visitor can (de)select the data set type of interest by (de)selecting the boxes in the legend in the top right (Fig. 2). Moreover, the visitor can search for available datasets in his/her area of interest by zooming in on the map.

By clicking on a marker, the visitor can obtain more information on a dataset that might be of interest:

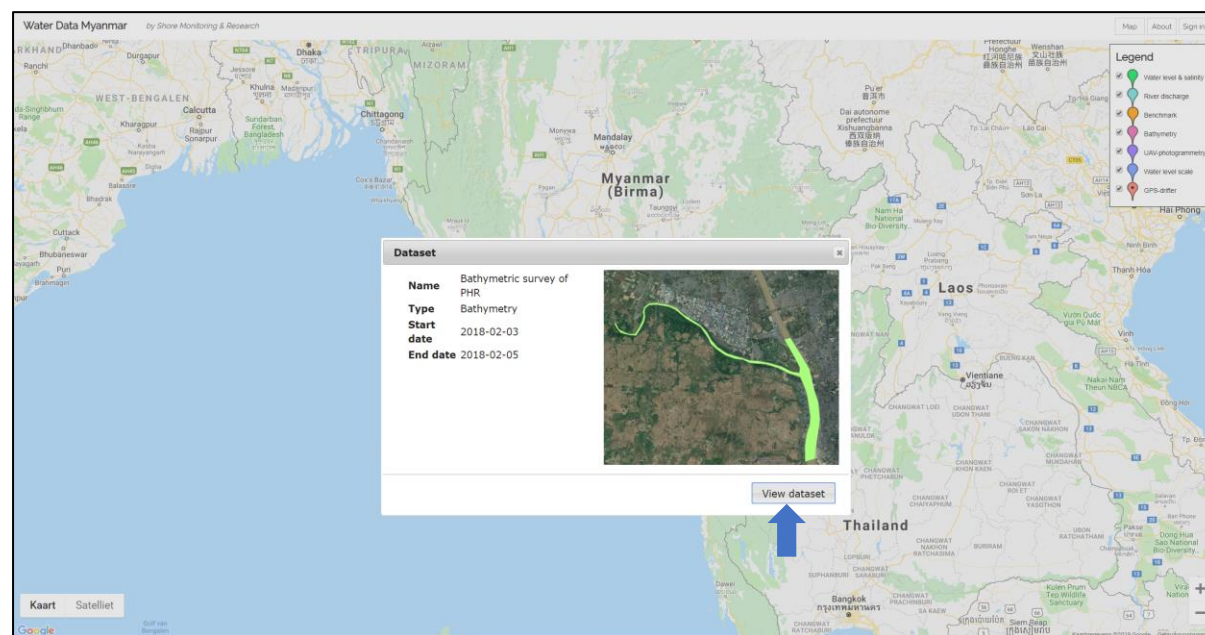


Figure 3; Details of dataset obtained by clicking marker. For bathymetric and photogrammetric datasets the covered area is moreover indicated by a Google Earth image.

For datasets spanning a larger area, the marker is placed in the centre of the surveyed area and a Google Earth image is shown to indicate the included area (Fig. 3).

If the visitor found a dataset of interest, the dataset can be viewed by clicking the 'view-dataset' button (indicated with blue arrow, Fig. 3). Clicking this button redirects the visitor to the sign in page which can also be reached directly by clicking the 'Sign in'-button on the top right of the webpage (indicated with red arrow, Fig. 3).

4. Sign in page

Visitors with a Username and Password can use these to enter their personal portal, which is a prerequisite to download data. Visitors without a Username and Password can request access by clicking the 'Get access' button (red arrow, Fig. 4).

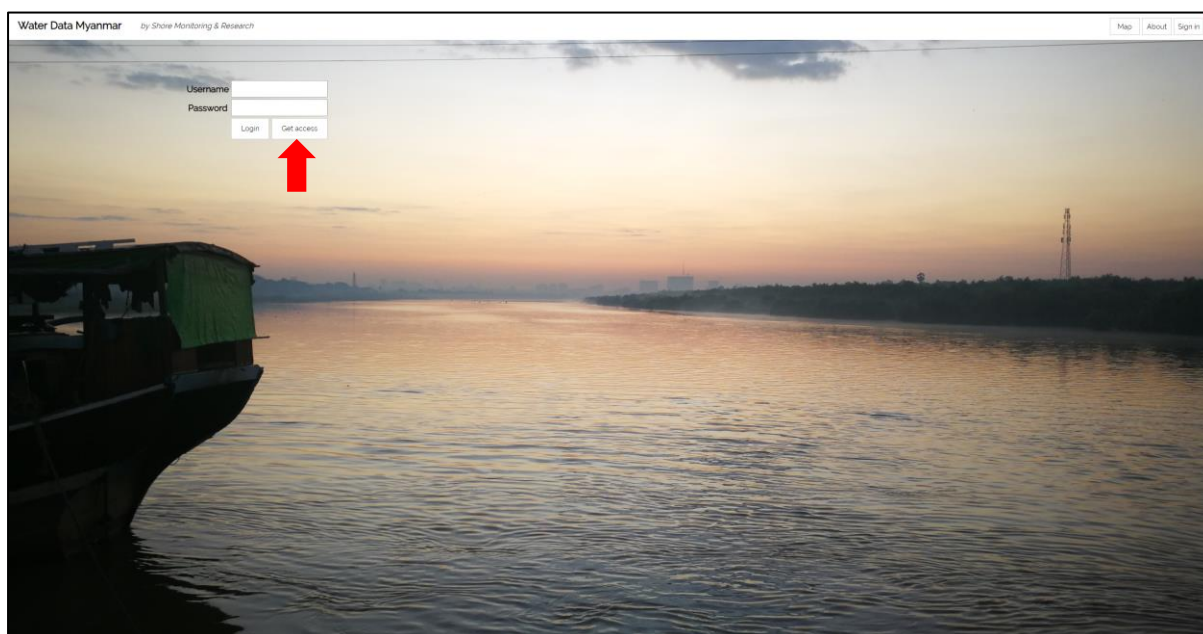
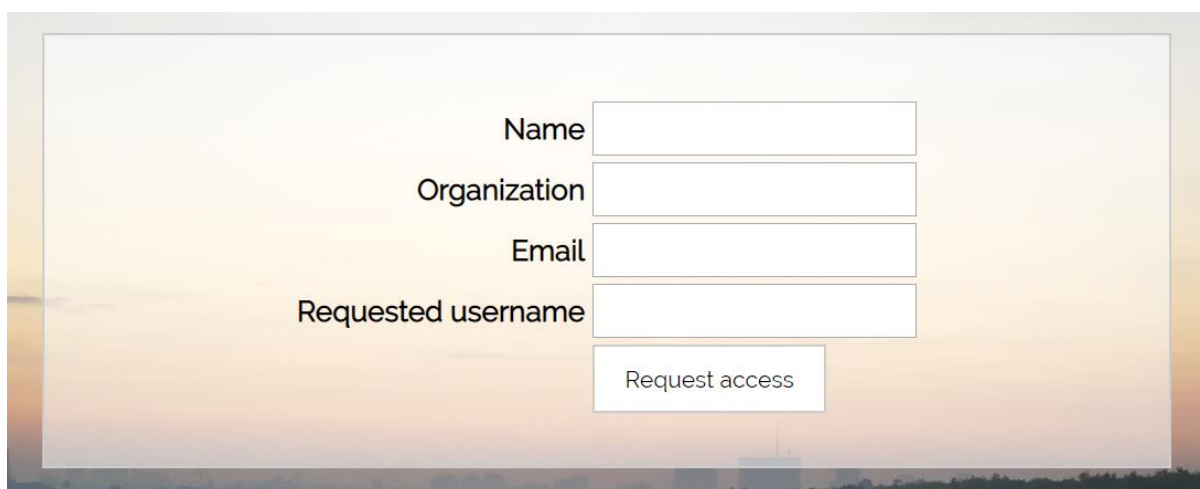


Figure 4; Sign in page. Users with a login and password can use these to login. Visitors without login credentials can ask for access by clicking the 'Get-access' button.

By clicking the 'Get access' button the following window will pop-up:



Filling this form and subsequently hitting the 'Request access' button leads to an email being sent to SHORE. A SHORE employee will review the request and answer the request by email.

5. Personal portal

Once a visitor has access, he/she can login to the personal portal. After logging in, again the map-view is shown:

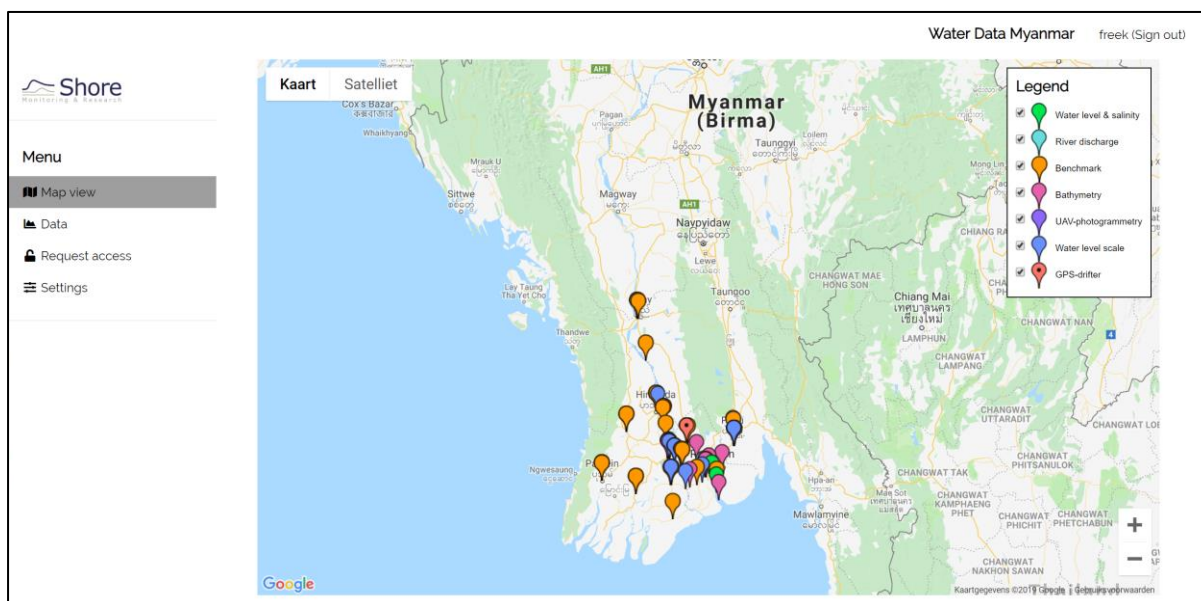


Figure 5; Map-view after logging in

However, clicking on of the markers now results in a slightly different window:

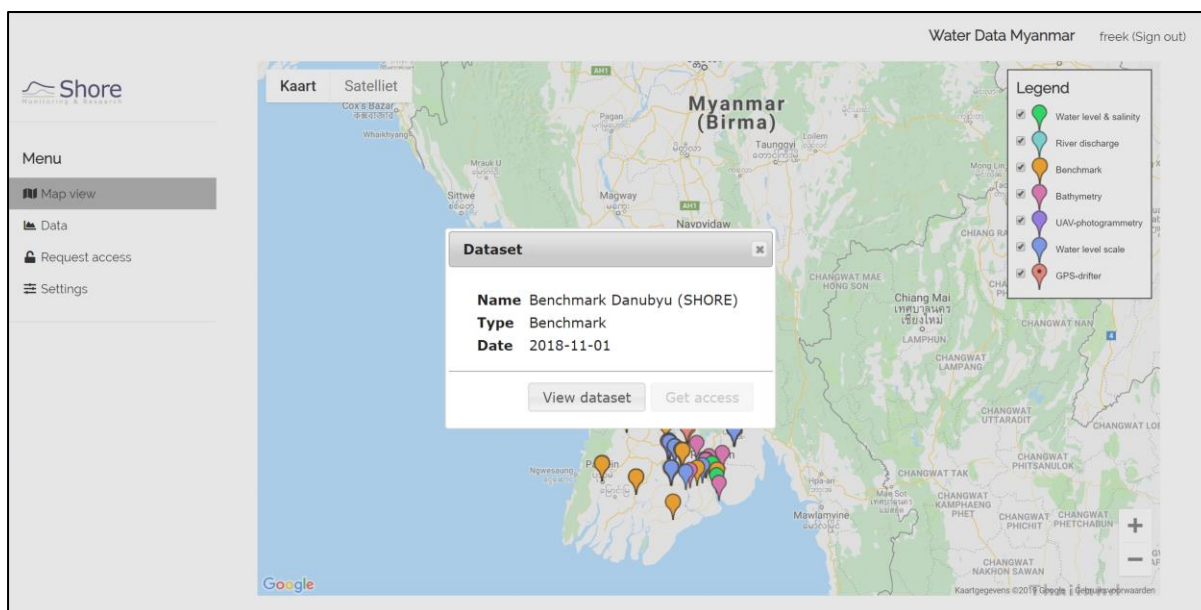


Figure 6; Pop-up window after clicking one of the markers. Here the user can select 'View dataset' when his account has the right permissions, whereas the 'Get access' button can be clicked in the case the necessary permissions are not coupled to the users account.

After logging in there are two options: a user has permission to download a particular dataset; in this case the 'View dataset' button can be clicked. However, if the user has no permission the 'Get-access' button can be clicked to send a request for access.

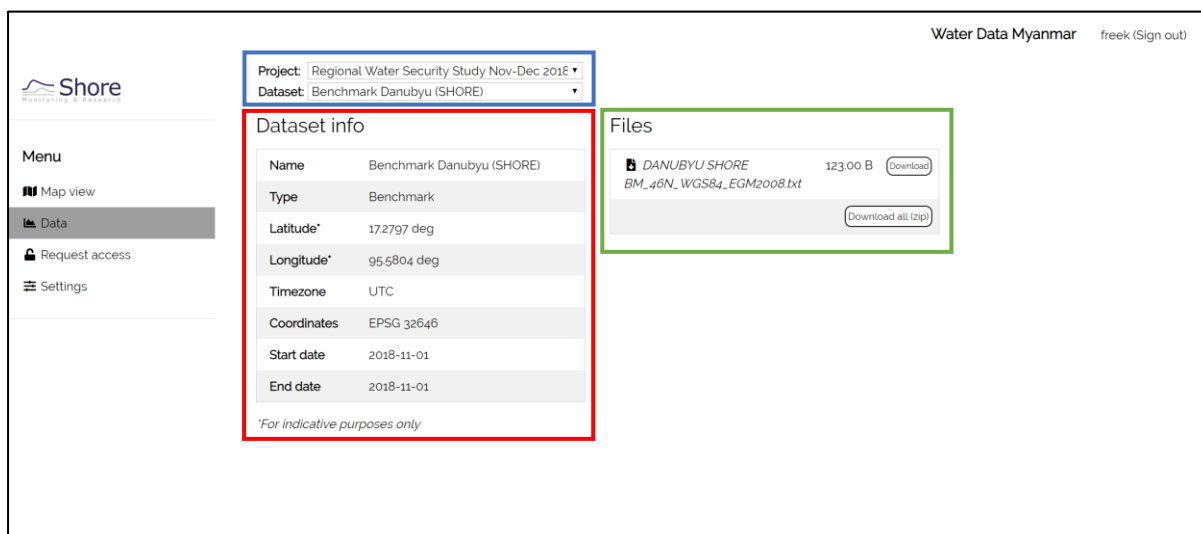
Whether datasets are open to all users or not, predominantly depends on the preferences of the party that made the data available.

For instance governmental parties tend to make data acquired within their projects, open to all interested parties, whereas proactively acquired data by SHORE (on own initiative) requires an additional fee. The magnitude of this fee can be requested by sending a 'Request access' form (Section 7).

First, the case with permission will be treated (clickable 'View dataset'-button). Next, the situation with no permission (clickable 'Get access'-button) will be elaborated.

6. Data tab

After clicking the 'View dataset' button, the user is redirected to the 'Data'-tab:



The screenshot shows the 'Data' tab interface. On the left is a sidebar menu with 'Data' selected. The main content area is divided into three sections: a 'Project & dataset selector' (blue rectangle) at the top, a 'Dataset info' table (red rectangle) in the middle, and a 'Files' section (green rectangle) on the right. The 'Dataset info' table contains the following data:

Dataset info	
Name	Benchmark Danubyu (SHORE)
Type	Benchmark
Latitude*	17.2797 deg
Longitude*	95.5804 deg
Timezone	UTC
Coordinates	EPSG 32646
Start date	2018-11-01
End date	2018-11-01

Below the table is the note: **For indicative purposes only*. The 'Files' section shows a file named 'DANUBYU SHORE BM_46N_WGS84_EGM2008.txt' with a size of 123,00 B and a 'Download' button. A 'Download all (zip)' button is also present.

Figure 7; Data tab

The data tab contains three main sections:

1. Project & dataset selector (blue rectangle)
2. Dataset information (red rectangle)
3. Download section (green rectangle)

Project & dataset selector

The data has been structured in 2 levels: 1. Projects and 2. Datasets. In general a project corresponds to a series of measurements/surveys that have been carried out in the same campaign with the same goal (e.g. input for a FloodHazard model).

The measurements/surveys have been subdivided by category (e.g. bathymetry, water level logger etc.) and location resulting in the separate datasets. So in general a project will contain multiple datasets and the project & dataset selector can be used to navigate through the projects and corresponding datasets that are available for download.

Note: projects/datasets that are not part of the permissions corresponding to the logged-in user, are not included in the selector. Nevertheless, the user can explore these datasets in the map-view and ask for access by the 'Request access' tab (Section 7).

Dataset information

The dataset information section provides general background on the dataset.

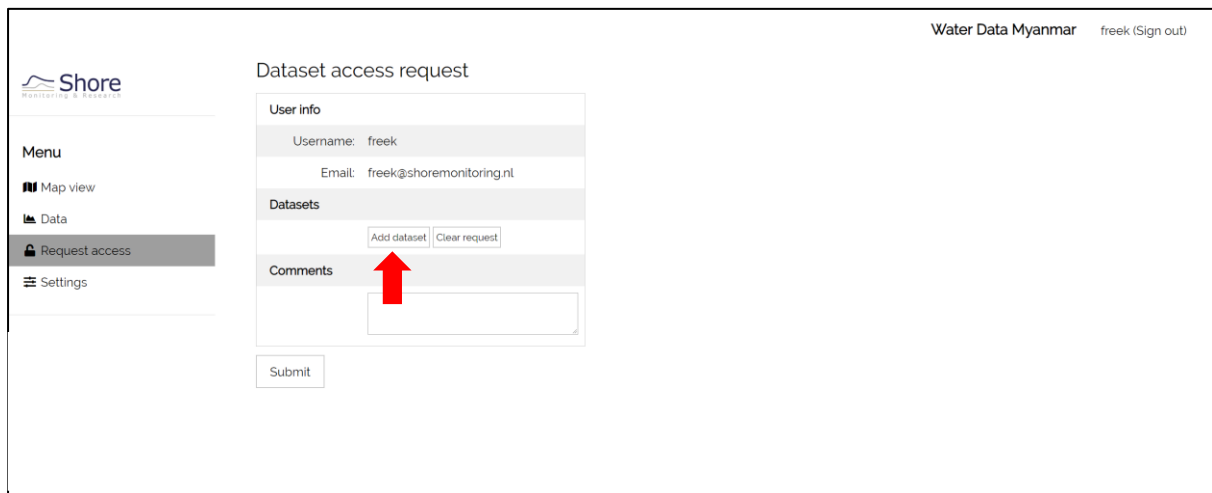
Note: the presented information is indicative and should therefore not be used without first consulting the real dataset.

Download section

The files corresponding to the dataset are listed in this section. The user can choose to download each file separately ('Download' button) or all files together ('Download all (zip)') button. Clicking one of these buttons results in a file explorer pop-up allowing the user to select the directory where the files should be stored. After selecting the preferred locating and clicking 'save as' the download starts.

7. Request access tab

In the case a user has now permission to download a particular dataset, access can be requested by clicking the 'Get access' button on the map view or directly pressing the 'Request access' button in the navigation menu:



Water Data Myanmar freek (Sign out)

Shore Monitoring & Research

Menu

- Map view
- Data
- Request access**
- Settings

Dataset access request

User info

Username: freek

Email: freek@shoremonitoring.nl

Datasets

Add dataset Clear request

Comments

Submit

Figure 8; Request access tab

In the 'Request access' tab, the user can click the 'Add dataset' button (red arrow, Fig. 8) which redirects the user to the map-view:

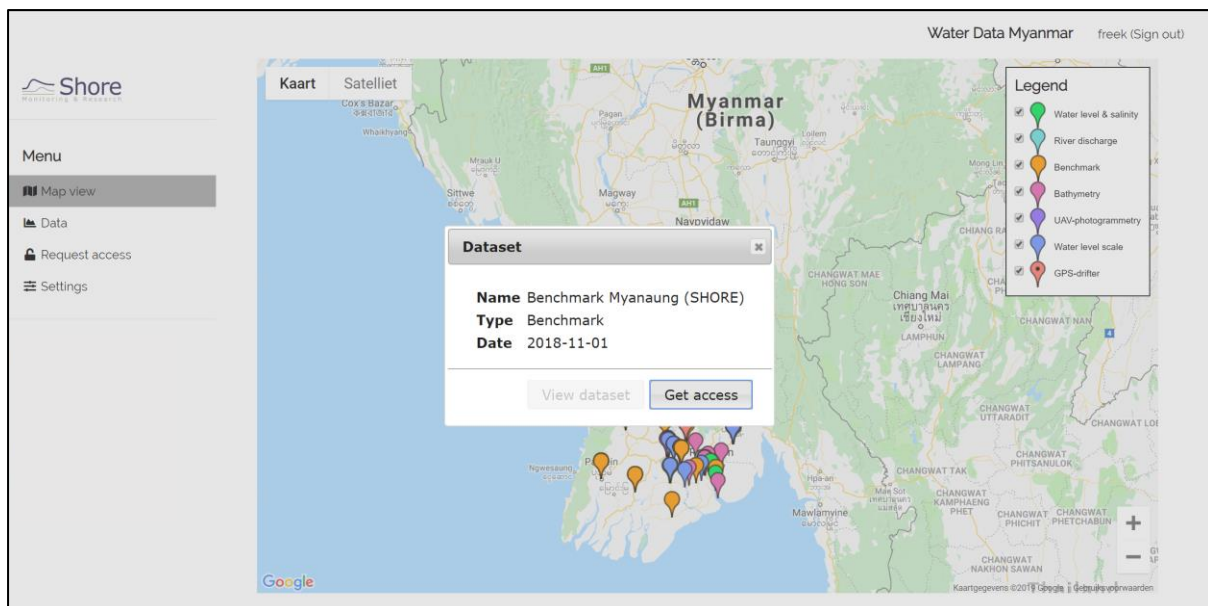


Figure 9; Map view with pop-up showing a clickable 'Get access' button as user has no permission to download this dataset.

Clicking this button adds the dataset to the list of requested datasets (red arrow Fig. 10):

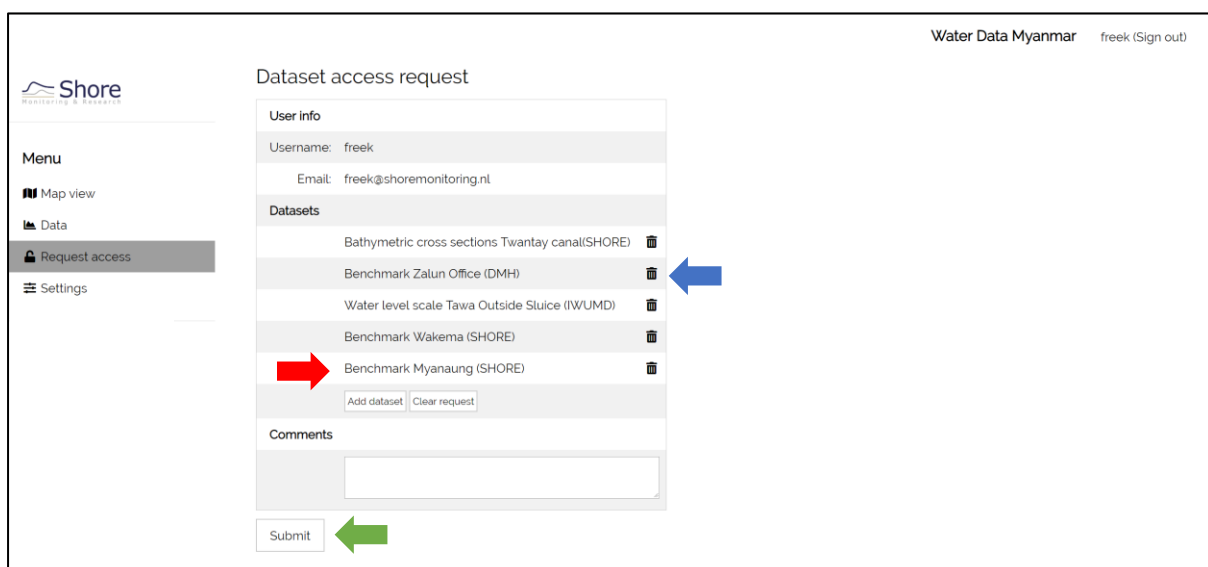


Figure 10; List of requested datasets

Datasets can be removed from the list by clicking the garbage can (blue arrow, Fig. 10). After selecting all the required datasets, the user can choose to add a comment if wanted. The access request is finalised by clicking the 'Submit' button (green arrow, Fig. 10). The access request will be sent to SHORE and a SHORE employee will respond to the request by email.

8. Settings tab

Finally, the user can change his password (blue arrow Fig. 11) and view/upgrade his/her license (red arrow Fig. 11) via the 'Settings' tab:



Figure 11; Settings tab