

Instructions for Downloading Sensor Raw Data

This guide provides step-by-step instructions for retrieving raw sensor data as long-format CSV files from the main time-series InfluxDB instance hosted at the University of Rostock.

Step 1

Access to the database requires an active VPN connection. After establishing the VPN connection, open the InfluxDB webpage:

<https://sensors.wetscapes.uni-rostock.de:58086>

Troubleshooting VPN Access

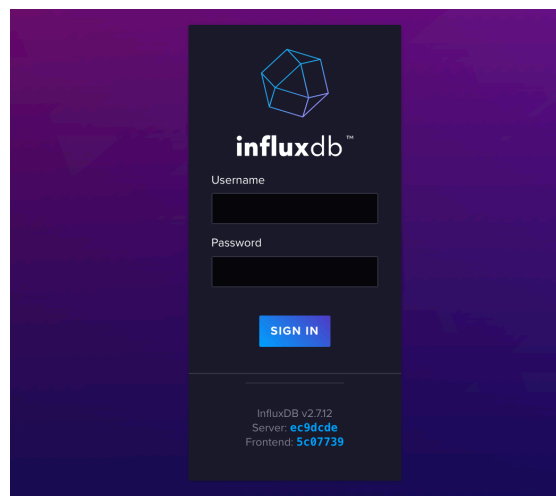
If the InfluxDB webpage cannot be reached, please check the following:

- Verify that the university VPN connection is active.
- Try disconnecting and reconnecting the VPN.
- Confirm that you are using the correct VPN profile provided by the University of Rostock or the University of Greifswald or the VPN profile at your local university.
- Test the connection by opening another university-internal webpage.
- If the webpage still does not load, try refreshing the browser or clearing the browser cache.
- Some institutional networks or firewalls may block VPN connections. In such cases, try connecting from a different network.

If the problem persists, please contact the Data Steward.

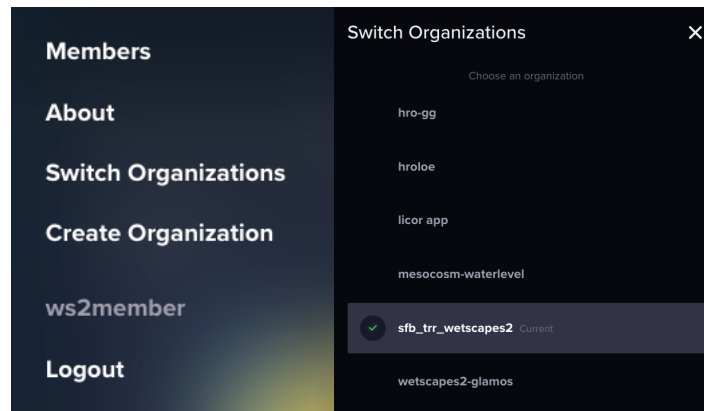
Step 2

Log in using your credentials. These should have been provided by the RDM team. If you do not have access credentials, please contact the Data Steward.



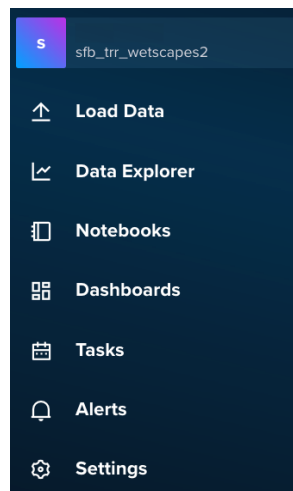
Step 3

After logging in, click **Switch Organization** and select one of the available organizations:



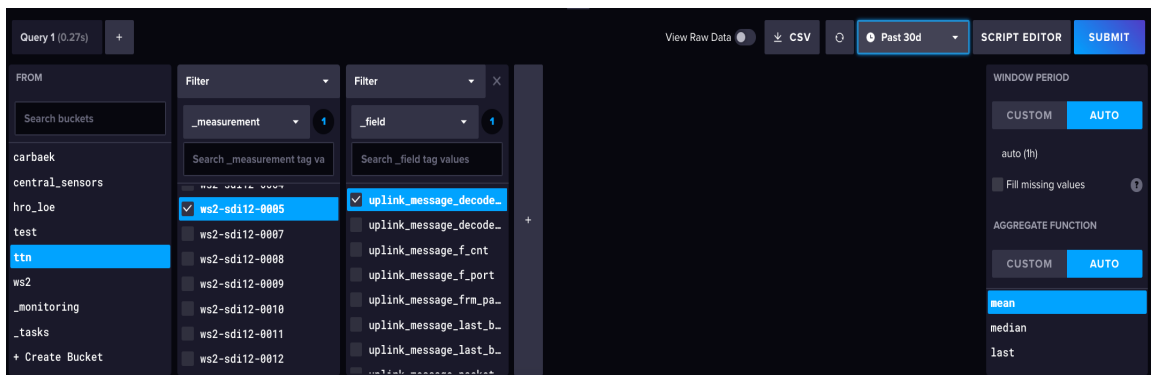
Step 4

To access the data interface, open the left-side navigation menu and select **Data Explorer**.



Step 5

Use the interactive query builder to select: **a bucket** (ttn), **a measurement** (sensor), **a field** (measured quantity), and **a time range**.



Step 6

Run the query by clicking the **Submit** button. After the results are loaded, click the **CSV** button to download the data in long-format CSV form. Exported timestamps are stored either in Central European local time (CET/CEST) or in the local browser time zone, depending on the InfluxDB user settings.



Contact

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