Tutorial: Add a new/edit borehole in the GTN-P Database

Welcome to the GTN-P Database. This tutorial explains how to add a new/edit a borehole.

Note: presently, only national correspondents can add/edit entries in the GTN-P database.

Log in with your username and password (upper right corner). To request a username and password please write to gtnpdatabase@arcticportal.org

After logging in, click on Button „Permafrost Temperatures“.

Note: every borehole is assigned to a site. Please check if the site your borehole is adjuncted to, exists in the database: http://gtnpdatabase.org/sites. If not, you have to create the new site BEFORE you create the borehole (Tutorial: Sites). The same goes for citation. Please check if the responsible person(s) and institution(s) are present in the database: List of Contacts and Organizations. If not, you have to create a new citation while creating the borehole (Tutorial: Citations).

An overview of all existing boreholes will open, alphabetically ordered. (You can search for entries or sort entries.)
In order to add a new borehole, click on the „Add new“ button in the upper right corner. If you want to edit an existing borehole, click on „Edit“ (left). Note: presently you can only edit boreholes authorized by the country assigned to your user account. The „Add borehole“ page is divided into seven tabs: General, Drilling, Measurement, Observation, Accessibility, Disturbance, and SEO. You are on the „General“ tab. Some of the metadata are marked with an asterisk which indicates mandatory metadata. All other are optional metadata, however, note that the more fields you fill out the higher your borehole will be ranked in the metadata completeness/data quality index.

Find information on the metadata in the controlled vocabulary. Site: Tutorial Sites. Responsible person/citation: Tutorial Citations, Permafrost zone, Vegetation zone.

On the right side you see a map and coordinate fields. Please enter your coordinates in decimal degree. We recommend to enter your coordinates with at least four decimals allowing only a few meters offset. (Find here an online tool to convert coordinate pairs). By clicking on „Update coordinates“ both the map and elevation will be updated on the basis of your entered coordinates.

By clicking on the single tabs you can enter information on drilling method and duration, measurement method, observation (landform, lithology, and additional information of the borehole location), disturbances, and search engine optimizations.
In order to add photos and bibliographic references, you must first save the active layer monitoring site and then click on „Edit“. Now you can add pictures to the gallery (upper right corner) by clicking on „Add new“ and choosing pictures from your computer. To add references scroll all the way down to „Bibliographic References“ and click on „Add new“. Note: every reference must be added separately.