Marine Environmental Database Application
Station Editor

User Guide and ICES Specifications

Content

1 Introduction

Using the station editor, data providers responsible for a specific set of project stations can independently edit the metadata for their project stations or create new project stations.

To edit a project station, you must first log in using the MUDAB Log In.

The editor can be accessed directly via this URL: https://geoportal.bafg.de/mudab/index.html#Stationseditor

A search function allows you to search for the project station by name or ID, while the map offers a spatial search. An "Edit" button next to the search bar opens the editor.

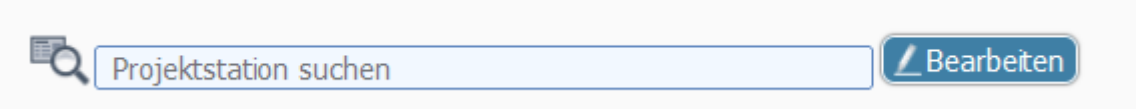

Figure 1: Search and edit a station

A new project station can be added using the "New Project Station" button.

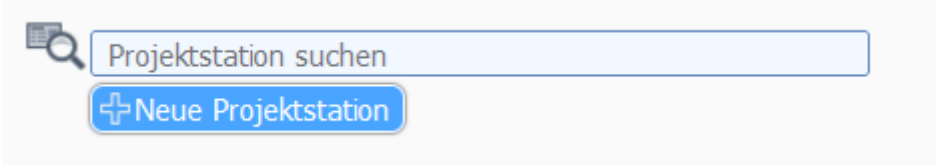

Figure 2: Add a new station

In the research client, the editor for an existing project station can also be opened by selecting the top entry "Project Station" in the selection list at the top left and then clicking the icon at the beginning of each row.

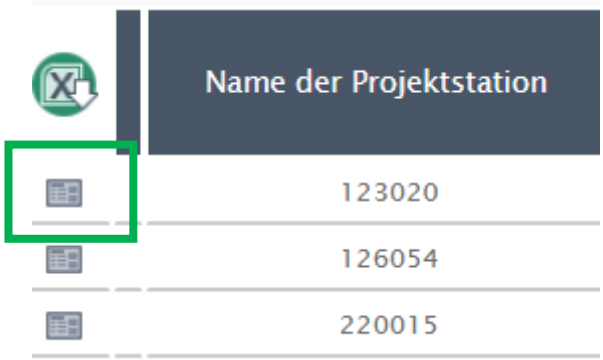

Figure 3: Calling the Editor via the MUDAB Research

The icon at the beginning of each row in the project station view expands to include another icon for the stations assigned to the user currently logged into the MUDAB application. Only these project stations can be edited by the current user.

The following document provides instructions for using the editor and contains general information about the requirements for correct data delivery to ICES.

2 Requirements for ICES assessment

At ICES, all project stations are stored in the ICES Station Dictionary and provided with metadata from the MUDAB station editor. ICES always links the measurement data to the project stations via the station name. In addition, the following conditions must be met:

Table 1: ICES-Requirements

General Station Metadata	Geographic Location	Monitoring Purposes
Project station name in Station Dictionary matches station name in data delivery	Measuring station is within the range of the associated project station	Project station is marked as "temporal monitoring"
Project stations and sampled measuring stations are the responsibility of Germany	OSPAR and HELCOM assignment fits with North/Baltic Sea location	Data types (= measured parameters) match measured data
Supplied measurement data fit into the validity years of the project station		Correct assignment/use of the OSPAR/AMAP monitoring programs with the supplied data (JMP, CEMP, MMP, AMAP)

This information can be entered independently and individually in the MUDAB station editor. The following explains the attributes in the editor and their connection to the table above in more detail.

3 Using the station editor

The information in the station editor is divided into thematic categories. General station data can be entered initially. The other tabs concern, for example, the measured data types/compartments or observation purposes. All attributes marked with a star (*) are transferred to the ICES Station Dictionary and are reflected in the table above.

General Station Metadata:

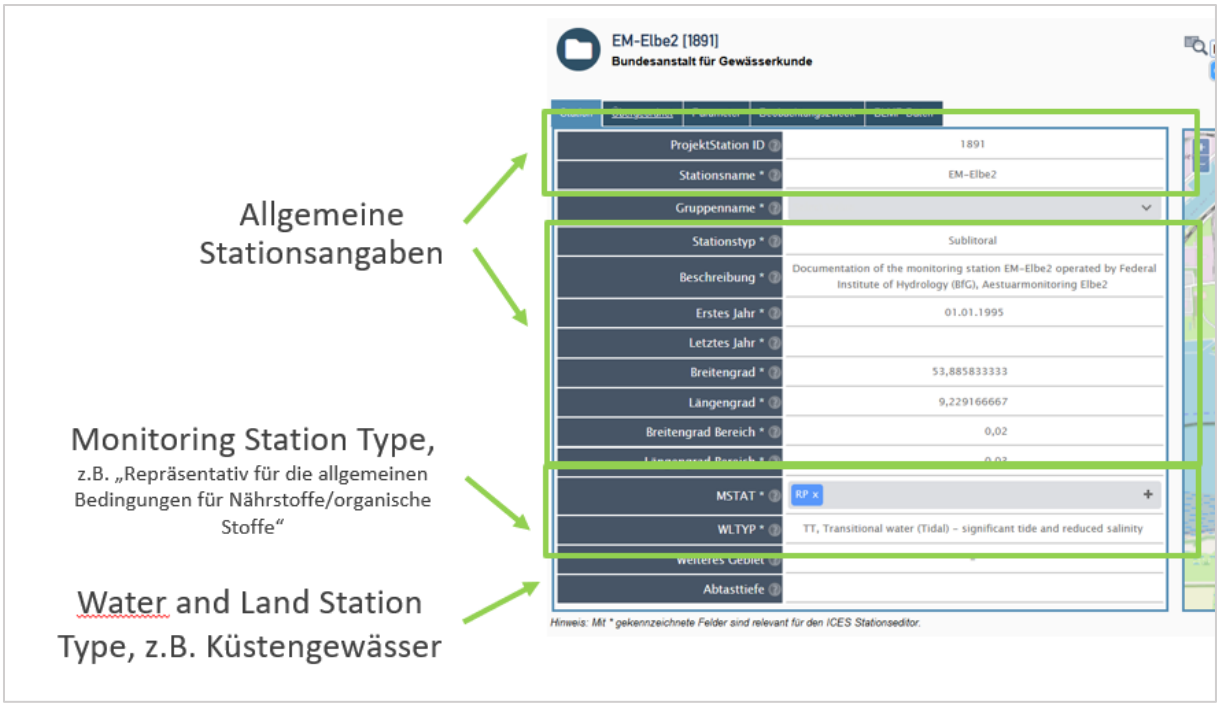

Figure 4: Entering general station metadata

Other Data:

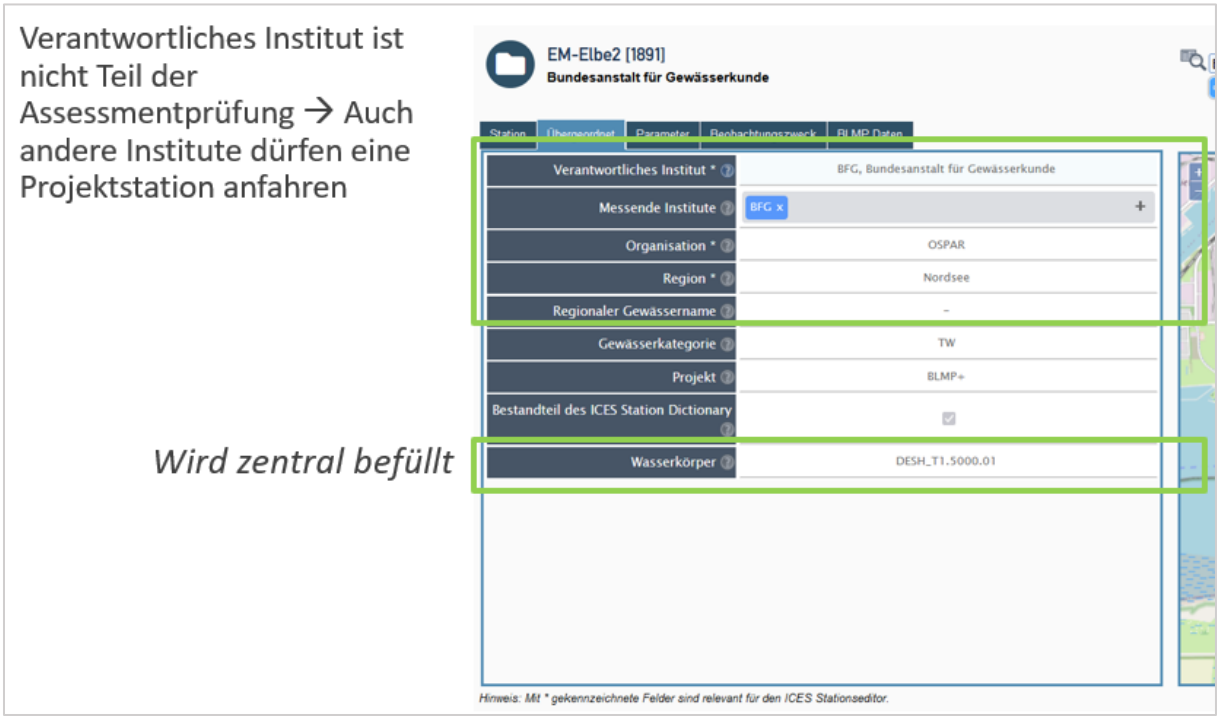

Figure 5: Entering other data

Paramete/Data types:

In this area, the individual compartments can be specified. A check mark should be placed everywhere for which the corresponding parameters are measured. The table below the figure shows how the corresponding attributes are stored at ICES.

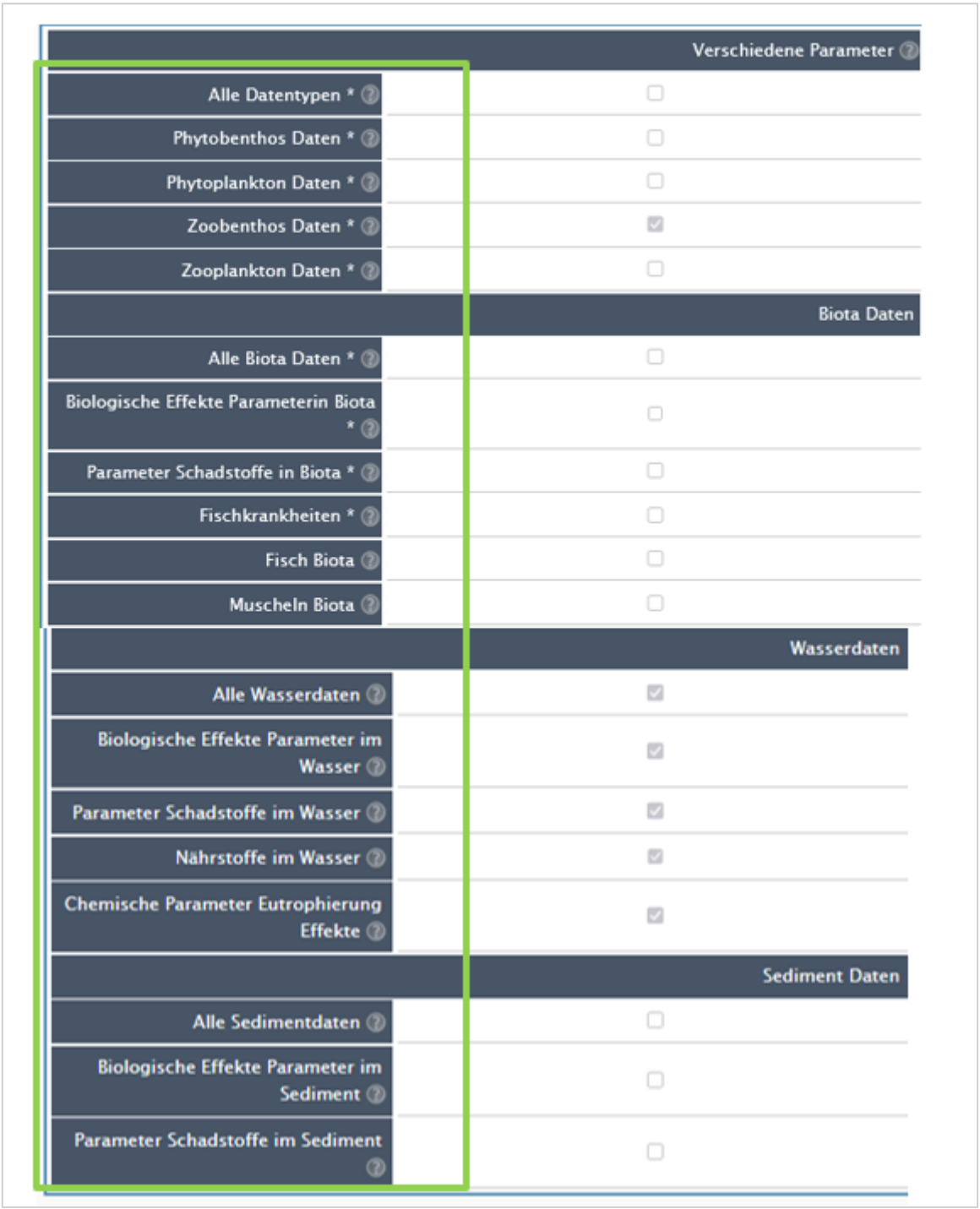

Figure 6: Entering data for parameters/data types

Table 2: ICES Data Types

ICES Data Types	Related fields in the MUDAB station editor, PARAMETER tab
BIOLOGICAL EFFECTS IN BIOTA	BIOLOGISCHE EFFEKTE PARAMETER BIOTA
BIOLOGICAL EFFECTS IN SEDIMENT	BIOLOGISCHE EFFEKTE PARAMETER SEDIMENT
BIOLOGICAL EFFECTS IN WATER	BIOLOGISCHE EFFEKTE PARAMETER WASSER
CONTAMINANTS/HAZARDOUS SUBSTANCES IN BIOTA	PARAMETER SCHADSTOFFE BIOTA
CONTAMINANTS/HAZARDOUS SUBSTANCES IN SEDIMENT	PARAMETER SCHADSTOFFE SEDIMENT
CONTAMINANTS/HAZARDOUS SUBSTANCES IN WATER	PARAMETER SCHADSTOFFE WASSER
DISEASE IN BIOTA	FISCHKRANKHEITEN
EUTROPHICATION EFFECTS	CHEMISCHE PARAMETER EUTROPHIERUNG EFFEKTE
NUTRIENTS IN WATER	NÄHRSTOFFE WASSER
PHYTOBENTHOS	PHYTOBENTHOS DATEN
PHYTOPLANKTON	PHYTOPLANKTON DATEN
ZOOPLANKTON	ZOOPLANKTON DATEN
ZOOBENTHOS	ZOOBENTHOS DATEN

Observation purpose:

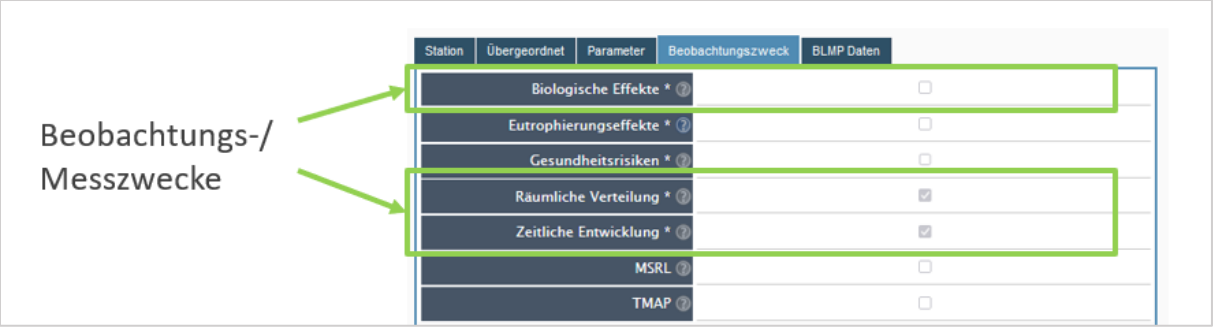

Figure 7: Entering data of observation purposes

The information in the tab BLMP data is not transmitted to ICES and is only stored in the MUDAB.

4 Further informationen and Contact

The MUDAB team will send out an annual reminder email about the MUDAB upload for ICES data delivery (each summer). This email will also include a reminder to update the station editor.

For questions or suggestions about MUDAB and the MUDAB application, please contact us at any time:

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