



User Manual

For python executable “BMT or ConWX to DHI csv converter”

Background: The goal of this tool is to convert downloaded METIS csv files of format BMT or ConWX to DHI format. The DHI format has one single column for date/time, allowing easier data analysis. The tool works by inputting a BMT or ConWX csv file, specifying the number of date/time columns, i.e. year, month, day, hour, minute, seconds, before converting these into one column and appending the csv file.

Inputs: The inputs are as follows:

1. CSV file with format BMT or ConWX
2. Number of date/time columns

Outputs

1. Converted_BMT_or_ConWX_to_DHI.csv

Instructions

1. Download BMT or ConWX to DHI csv converter.exe application from SharePoint folder
2. Click to open executable. Note: It may take 30 seconds or longer for the first output window to open.
3. In the window, browse for BMT or ConWX csv file.
4. From the drop down choose the number of date/time columns.
5. Click “plot”
6. At the end the converted file will be saved in the same directory as the executable file. Note, if you would like to keep this file it is recommended to rename it as it will be overwritten if the code is ran again.
7. Code is now finished and can be ran again with a different csv file.

Troubleshooting

- Make sure that the files to be converted are in the correct BMT or ConWX format initially
- Make sure to count all the date/time columns correctly
- Smaller files will run quicker, if there are speed issues, try deleting columns that are not needed or try using less years.