Global Surface Water Data - Full Download Script

The 'downloadWaterData.py' script can be used to download all of the files for each dataset from Google Cloud Storage in one go. This script runs on Windows/Mac/Unix and is easy to use.

For all operating systems the procedure is the same:

1. Open a terminal or system console
2. At the prompt enter the following:

```
> python <path_to_ downloadWaterData.py_file> <destination_folder> <dataset_name>
```

Where:
<path_to_ downloadWaterData.py_file>
Is the path to where you unzipped the *.py file

<destination_folder>
Is the name of the destination folder where you want to download the data. If that folder does not exist then it will be created.

<dataset_name>
Is the name of the dataset you want to download (this can be: occurrence, change, seasonality, recurrence, transitions or extent)

For example, to download the occurrence data to the downloads folder:

```
> python "E:/foobar/Documents/downloadWaterData.py" "E:/foobar/Downloads/" "occurrence"
```

This will sequentially download all of the *.tif files to the hard drive.

NOTES:
• Make sure that only forward slashes are used in the file/folder names.
• To stop the process at any point press CTRL+C.
• If an error occurs, you can restart the script and it will skip those files that have already been downloaded.
• If you have an error 'No route to host' then it is likely that your firewall is restricting access and you may need to set up a proxy. To make Python go through a proxy create new environment variables called "HTTP_PROXY" and "HTTPS_PROXY" and set their values to the address of your proxy server. See you System Administrator for more help.