Installation of the FREEWAT plugin

UNESCO-SADC Regional Training on Groundwater Modelling

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FREEWAT
Free and Open Source Software Tools for Water Resource Management
EU HORIZON 2020 Project

ict4water.eu

Installing QGIS/1

The first step in order to use FREEWAT is to install *QGIS*

It is strongly recommended to download the *last stable and Long Term Release (LTR) version of QGIS*, which is at present *version 2.14 Essen*

In order to avoid conflicts during FREEWAT installation, having *ONLY ONE VERSION OF QGIS* installed is highly recommended.

Furthermore, *having QGIS and ArcGIS jointly installed* on the same pc *is strongly discouraged* for the same reason.

Installing QGIS/2

In order to install QGIS, please visit the QGIS web site:
http://www.qgis.org/en/site/forusers/download.html

- Download QGIS executable (QGIS standalone Installer Version 2.14 or later, 32 or 64 bit)

- Execute the downloaded executable to install QGIS

- Once the installation is successfully completed, please check that the following folder has been automatically created:

  C:\Users\your_name\.qgis2

Installing the FREEWAT plugin/1

In order to install the FREEWAT plugin, please follow these steps:

1. Download the zip file freewat_0.3.3_with_patch.zip from the following link: https://www.dropbox.com/sh/nav7flgdlxt035l/AAB-lqABfhHrTqp0bCM1ZpM-a?dl=0

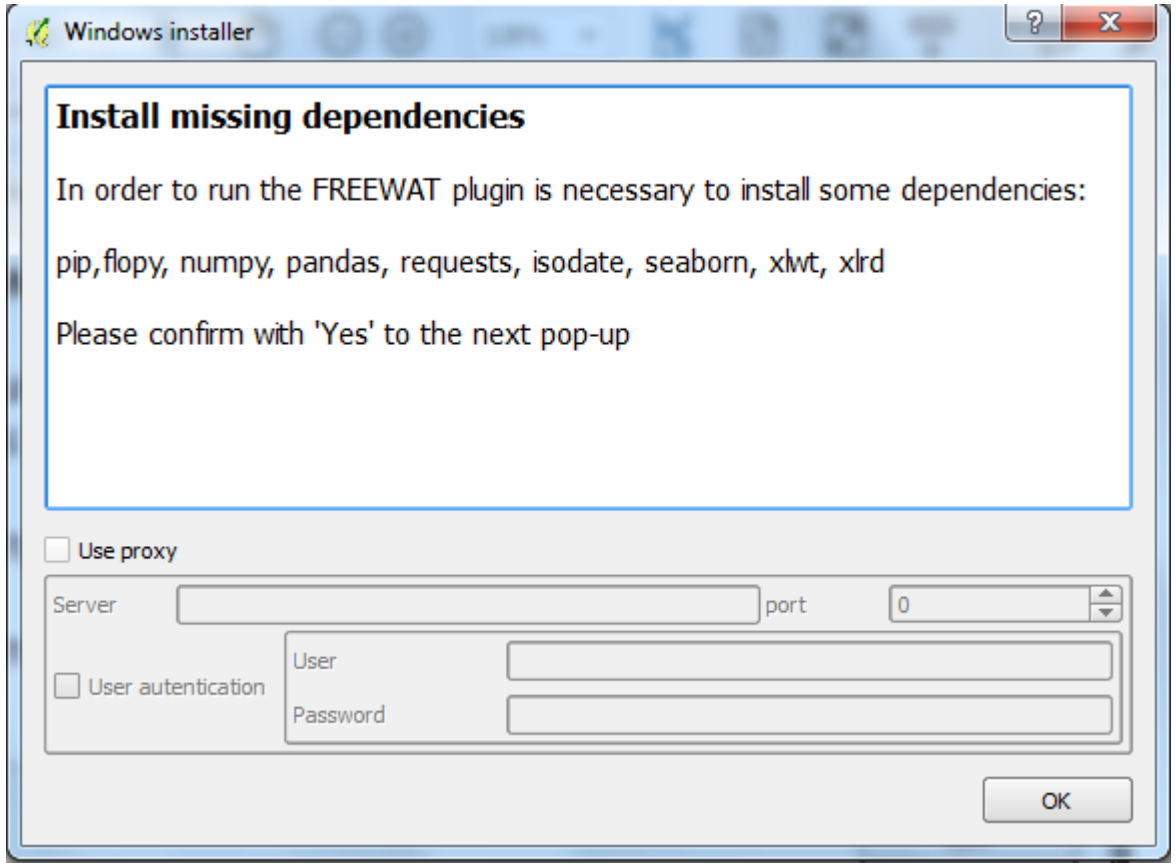
2. Extract the content of this zip file (i.e., the folder renamed *freewat*) in:
   C:\Users\your_name\.qgis2\python\plugins

   Note: Sometimes the *plugins* folder could not exist. In such case, you can just create it manully

3. Open QGIS

Installing the FREEWAT plugin/2

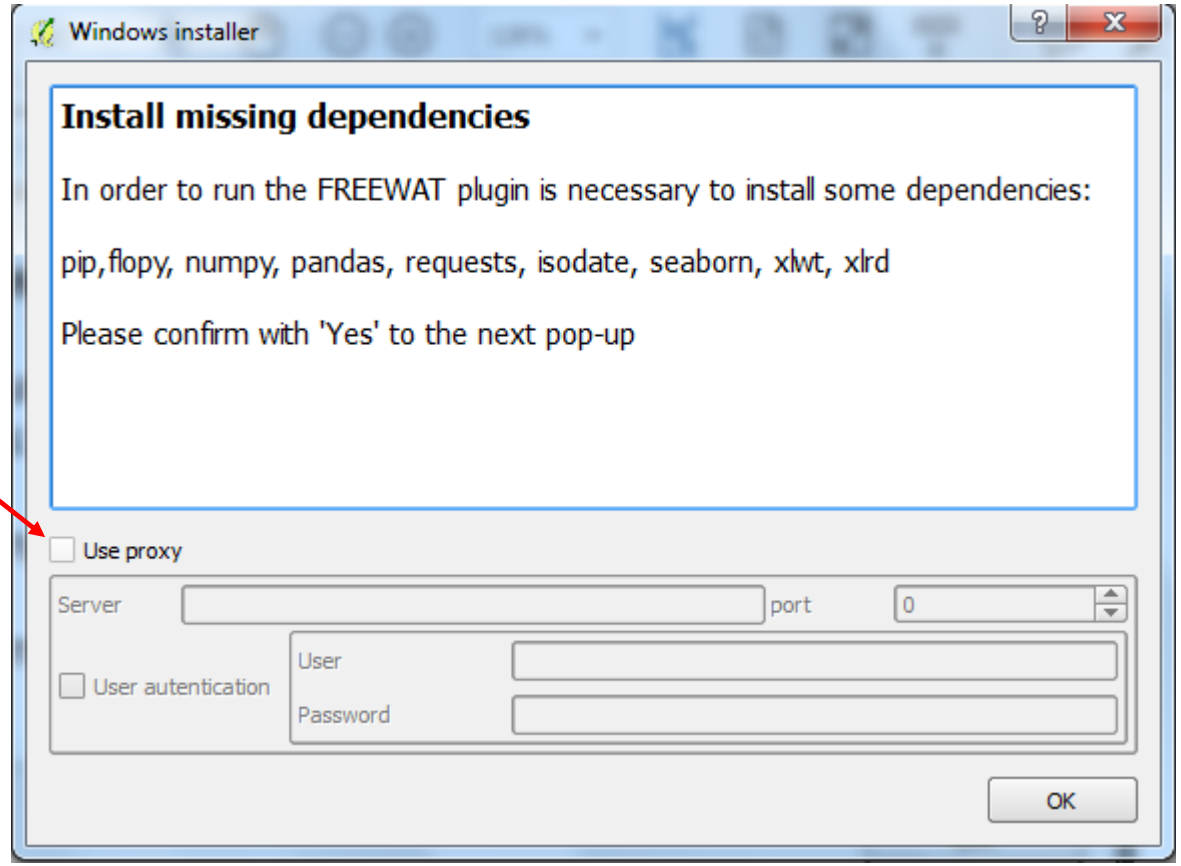
4. The following window appears, reporting that some dependencies are needed (pip, flopy, numpy, pandas, requests, isodate, seaborn, xlwt, xlrd):



Installing the FREEWAT plugin/3

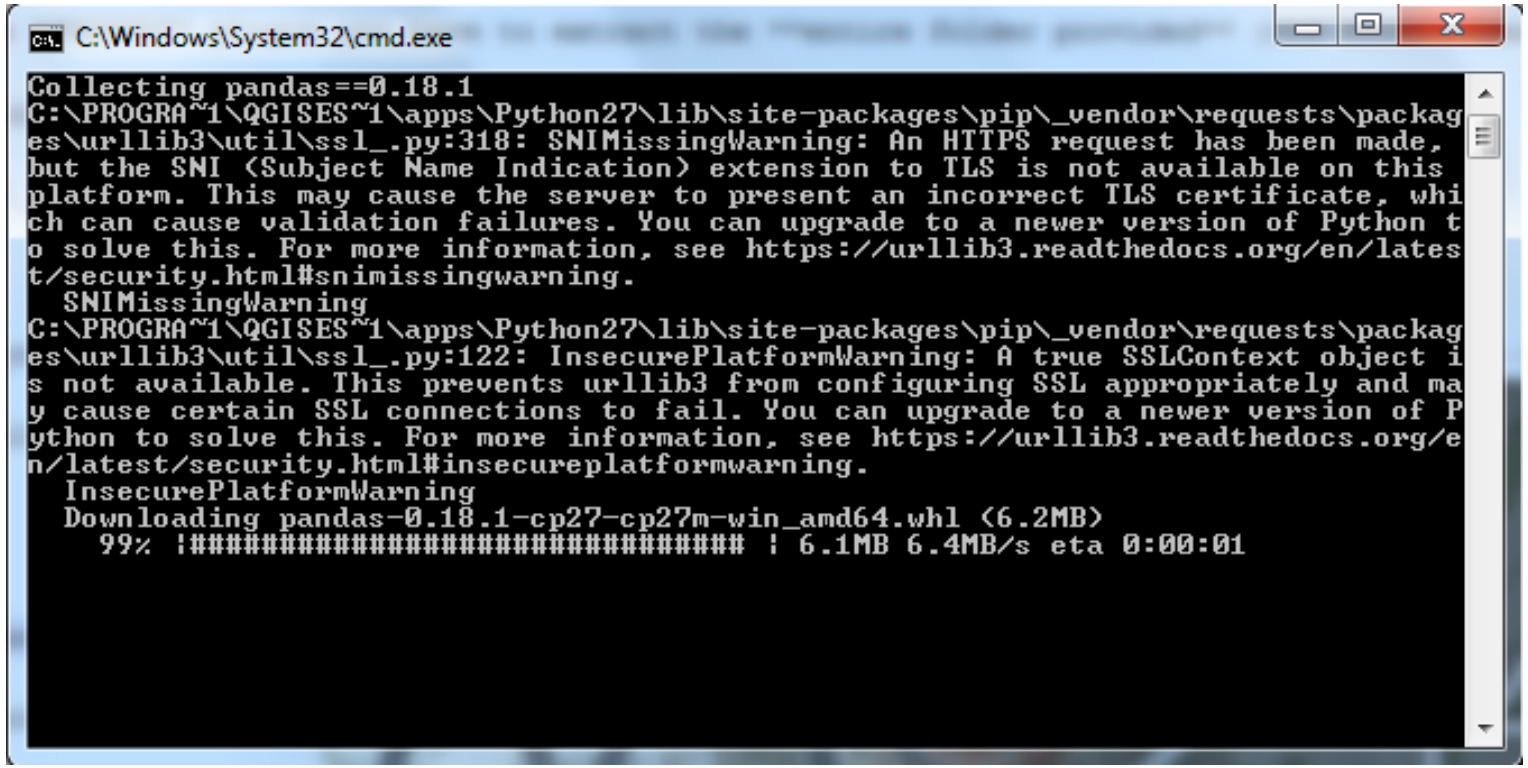
5. If you click OK, an automatic installation procedure will start to install all these dependencies.
   Note: you must be connected to the Internet

If you have a proxy, please check this checkbox and fill the needed fields



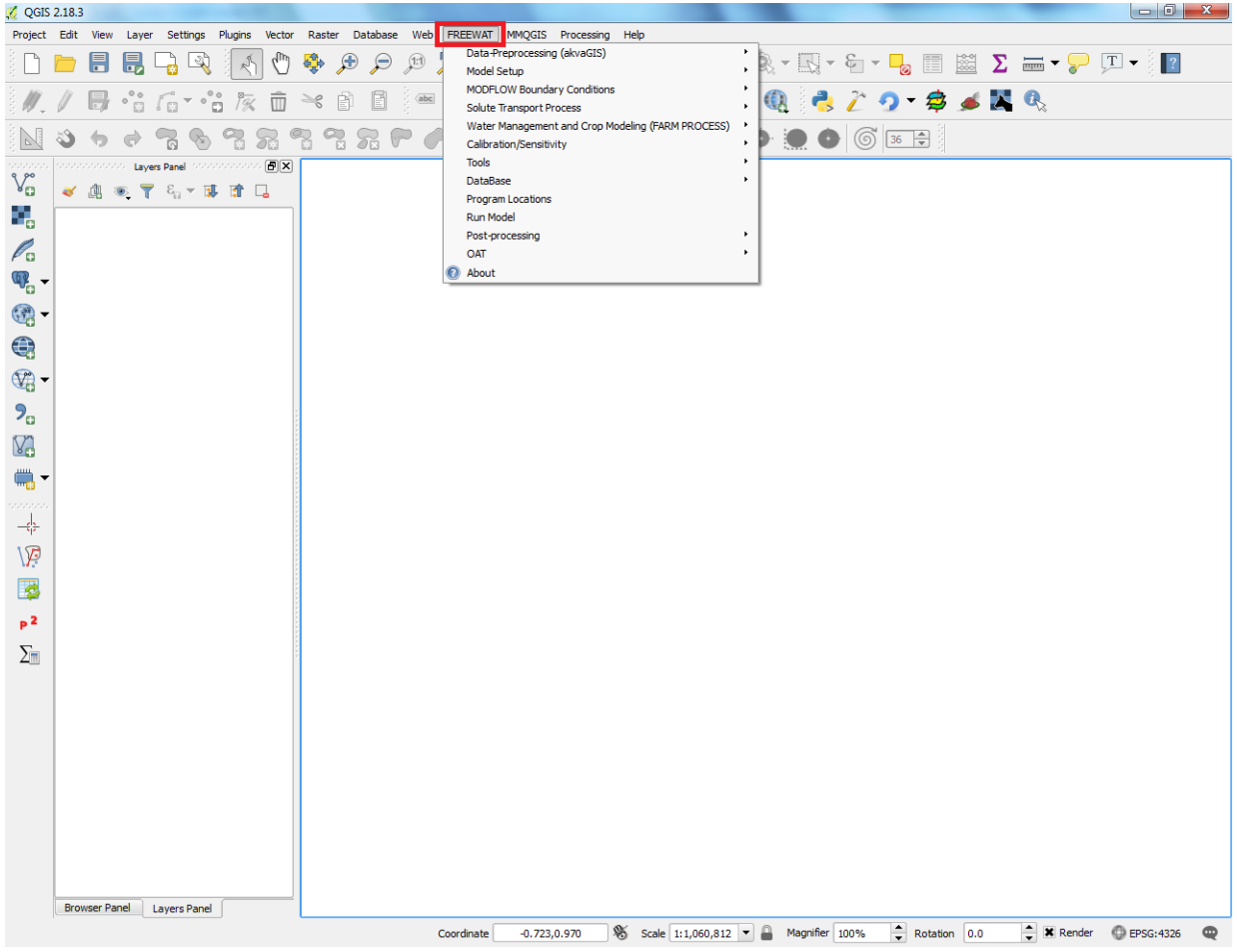
Installing the FREEWAT plugin/4

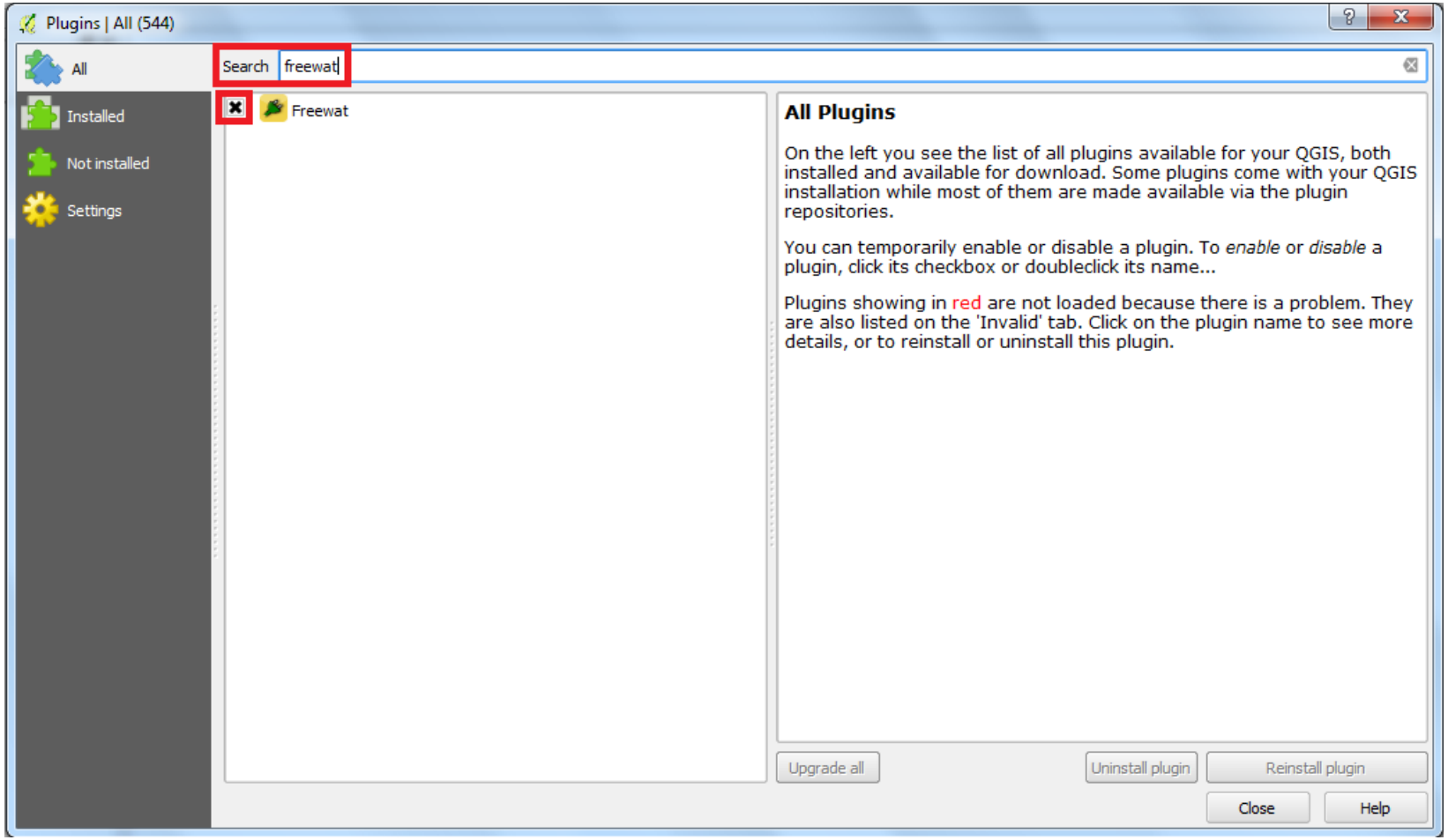
6. During the installation procedure, several pop-up windows will appear. If you are not the administrator of the computer, you will be asked to enter a password for each pop-up window



Installing the FREEWAT plugin/5

7. After all the needed dependencies have been correctly installed, QGIS opens automatically and you should see FREEWAT as a drop-down menu in the toolbar of QGIS



Installing the FREEWAT plugin/6

8. If not, just go to *Plugins -> Manage and Install Plugins..*,
   type *FREEWAT* in the search bar and click on the checkbox to activate the plugin