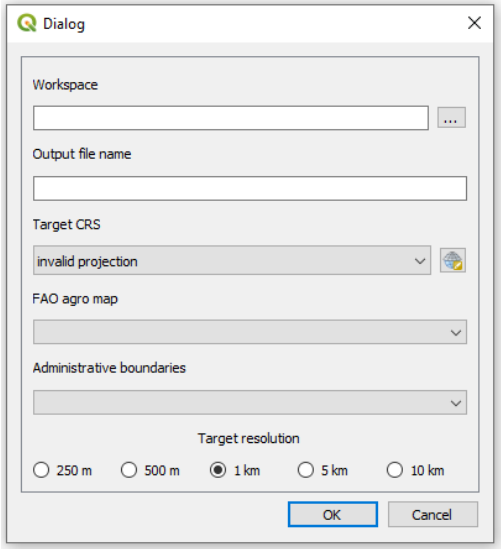
Run the Creating Base Grid plugin

Before opening the plugin, make sure that the necessary files are loaded into your current **QGIS session**. You will need the datasets for the plugin to function correctly:

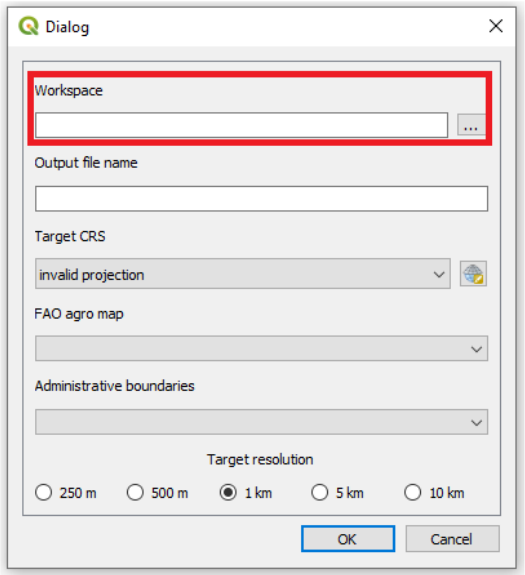
1. **Admin boundaries:** Vector polygon indicating administrative boundaries for the area of interest
2. **Admin level crop layer:** Vector polygon indicating the following characteristics per admin area (in this case level 2):

In order to use the plugin:

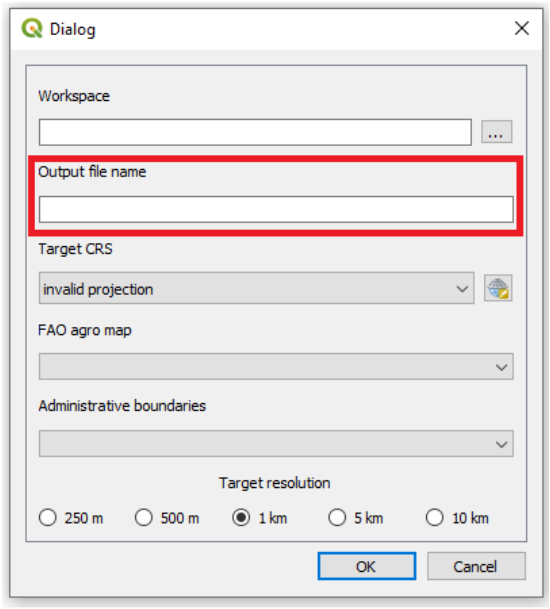
1. Open the plugin from the **Plugin** menu. The name of the plugin when installed will be Agrodem – Creating Base Grid. The following window will open up.



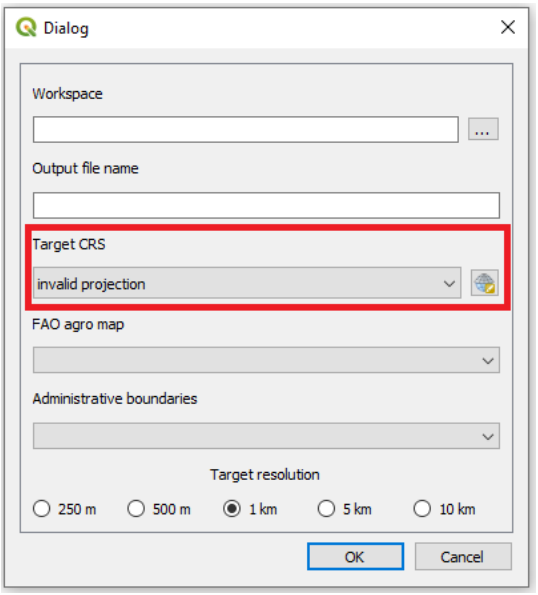
2. In the field named **Workspace**, click on the three dots on the right hand side of the field and navigate to an empty folder.



3. Enter the name of the **output file** name in the next box.

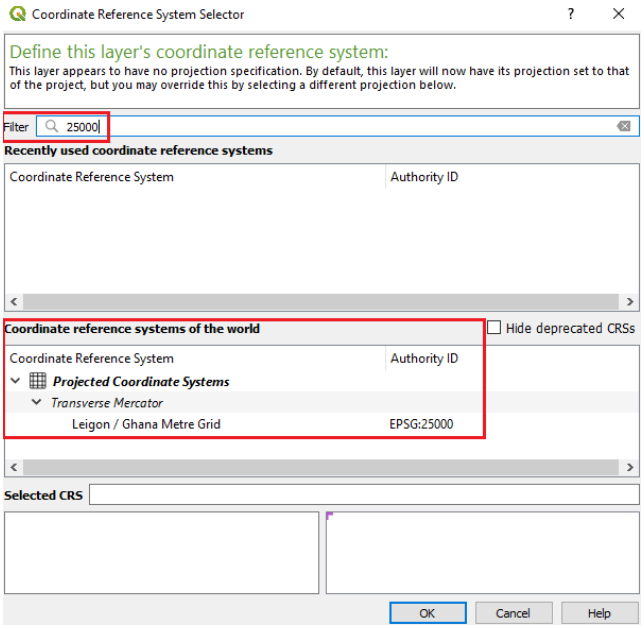


4. Next chose the **projection system**. Make sure that the projection system is in a linear unit and that this linear unit is meters.

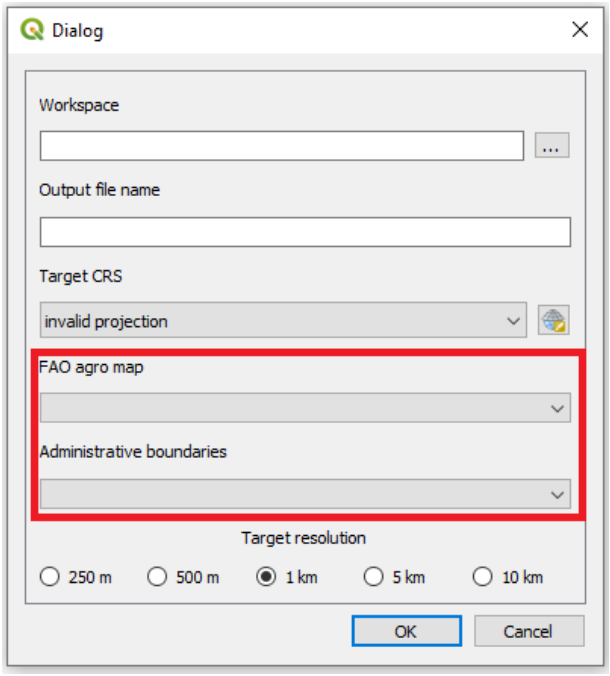


NOTE! To find the coordinate system that is appropriate for your study area please visit http://epsg.io/ and search for your area of interest.

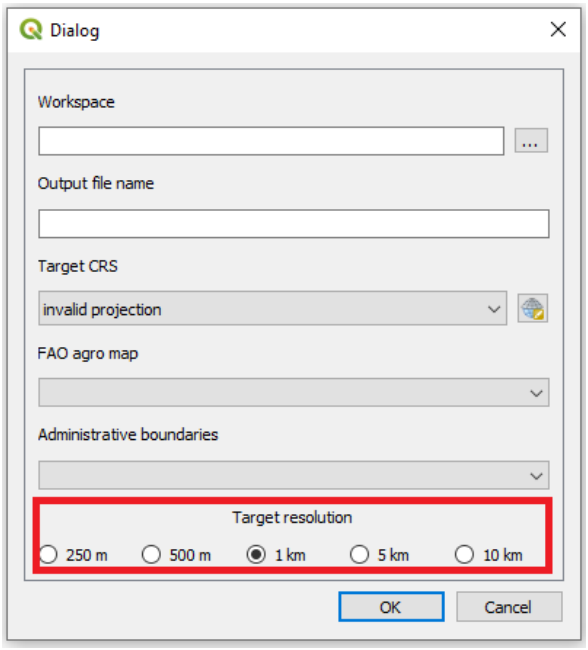
Next, click on the icon next to the field and check the EPSG code received from the webpage. Choose one where the unit is in meters and the red box covers the whole area you are working with.



5. In the next **two boxes,** select the appropriate datasets.



6. Select the desired **output resolution**, the higher the resolution the longer it takes to run.



7. Plugin may take some time to run depending on the size of the study area. During this time, QGIS cannot be used. For the example a .csv file with 60,000 rows takes approximately 15 minutes to prepare