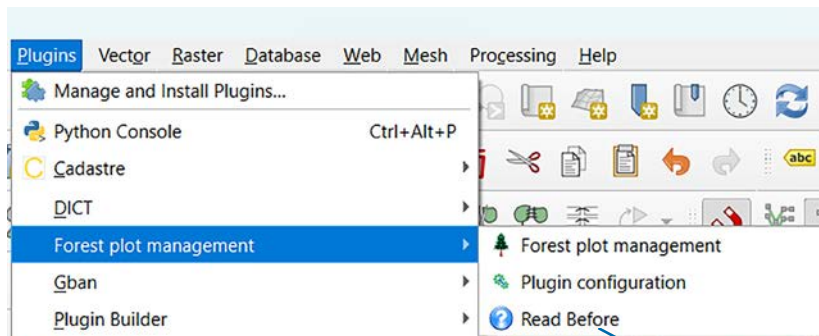


READ BEFORE INSTALL

I. PRESENTATION

This plugin allows you to structure, manage and enter a lot of information about your forest plots linked to cadastral plots. The links to retrieve the cadastral files are specific to France; you will have to search for where to find the files for your country yourself.



You are HERE

II. PLUGIN PREREQUISITES

To use this plugin, you must:

Have installed one or more geopackage layers (.gpkg extension).

Make sure these layers have an «id» type field (883190000D0591), a «section» field, and a «number» field.

Note: If you download your parcel layers from cadastre.gouv.fr, you will need to create these two fields using the Field Calculator in your attribute table. For section: (substr('id',10,1)) and for number: (right('id',4)).

Once you have downloaded the parcel you need. Referring to the municipality code, for example, for the parcel map of an entire municipality, you will need to install the cadastre extension available in the QGIS plugins. Create a database, for example, «test.» This operation only needs to be performed once, even if you are installing multiple cadastral maps. Finally, you will need to use the cadastral plugin to upload the files to the directory where you downloaded them.

You can also download a pre-formatted .json layer for QGIS, which already includes the section and number fields.

III. PROCEDURE

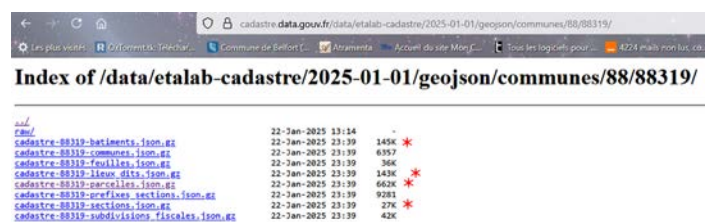
A. JSON file recovery (for France)

1. There are many formats for cadastral elements; in our case, the json format is more than sufficient and has the advantage of being able to be retrieved municipality by municipality.

2. So you find this data here at the bottom of the page:
<https://cadastre.data.gouv.fr/datasets/cadastre-etab>

Select your department, then your municipality using the INSEE code, and you will arrive on this page. The required files are marked with an asterisk.

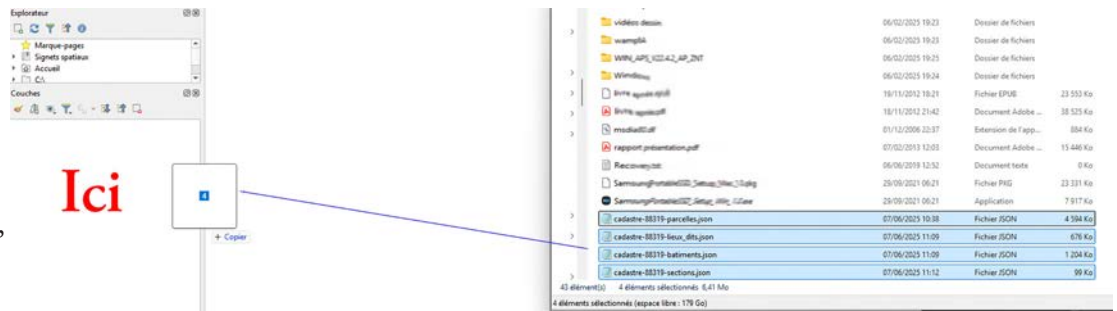
3. You will then need to unzip the files into a directory of your choice.
4. You open QGIS and a new project.



Index of /data/etalab-cadastre/2025-01-01/geojson/communes/88/88319/		
cadastre-88319-batiments.json.gz	22-Jan-2025 13:14	145K *
cadastre-88319-communes.json.gz	22-Jan-2025 23:39	4957
cadastre-88319-feuilles.json.gz	22-Jan-2025 23:39	36K
cadastre-88319-lieux_dits.json.gz	22-Jan-2025 23:39	143K *
cadastre-88319-parcelles.json.gz	22-Jan-2025 23:39	662K *
cadastre-88319-prefixes_sections.json.gz	22-Jan-2025 23:39	9281
cadastre-88319-sections.json.gz	22-Jan-2025 23:39	27K *
cadastre-88319-subdivisions_fiscales.json.gz	22-Jan-2025 23:39	42K

5. You select your files and drag them into the QGIS layer explorer like this.

6. For the section, place_names and buildings files, you just have to remove the background color by right-clicking on it, Properties Sym-biology and adapt the outline to your taste (I advise you not to put a colored background) then in labels add the TEX field as a simple label to see the place_names and sections displayed.

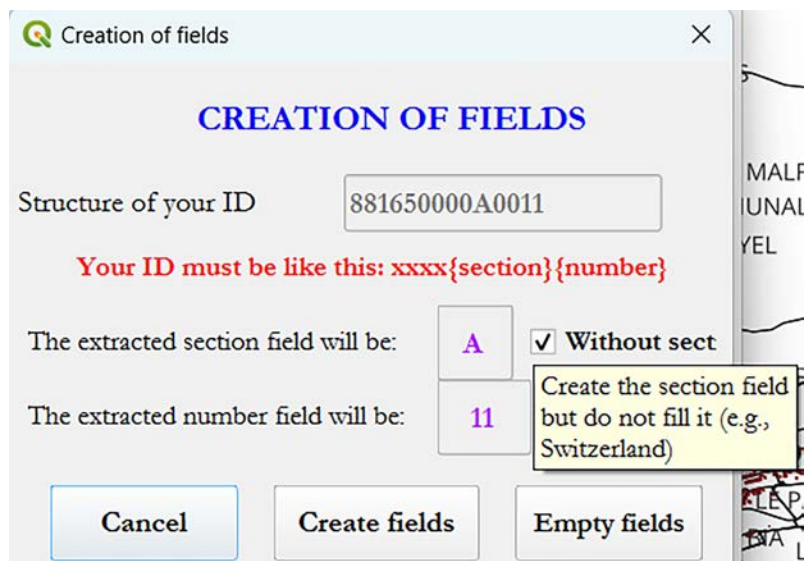


7. The file setup is complete. The file will be converted to .gpkg format automatically.

This link is only valid for the French land registry.

A. EDIGEO file recovery

Since version 1.3.3 of the plugin, the configurator will prompt you to create the section and number fields if they don't exist in the attribute table, which is the case for some EDIGEO files. You can either create only empty fields or fill in all the fields by converting the id field. To do this, it must be in the style xxxx{section}{number}. The section field will be detected if it contains characters (a, A, etc.), and the number field must be a sequence of numbers. For example, 0245 will be considered as 245. This structure corresponds to the structure of the French land register and the standard Idu format. As a reminder:
example: 88319000AR0124 corresponds to:
88319: commune of Moyenmoutier.
000: fixed prefix.
AR: cadastral section. 0124: plot 124.



There are three buttons:

Cancel: Cancels the creation

Create fields: Creates and fills in the fields

Empty fields: Creates the section and number fields but does not fill them in.

The «without section» checkbox allows you to create the section field without filling it in, making the plugin compatible with the Swiss land registry numbering (number only). Creating an empty section field avoids the error «missing a section field.»

B. Installing EDIGEO files

After downloading the file you're interested in using the link above, if you don't have it, you'll need to install the cadastre plugin in the extensions.

Then you'll first need to import your database using the import option in the cadastre plugin:

The screenshot shows the 'Cadastre' software window. It has several sections: 'Base de données de travail', 'Fichiers EDIGEO', 'Fichiers MAJIC', and 'Paramètres'. Red text annotations are overlaid on the image to guide the user through the installation process:

- 1 - Database to create**: Points to the 'Connexions' dropdown menu in the 'Base de données de travail' section, which currently shows 'demoplug.sqlite'.
- Type**: Points to the 'Type de base' dropdown menu, which is set to 'Spatialite'.
- 2 - To be done only once**: Points to the 'Créer une base Spatialite' button.
- 3 - Your File**: Points to the 'Répertoire' field in the 'Fichiers EDIGEO' section, which contains the path 'D:/IDEGEO cadastre vosges/88319'.
- 4 - Launch Import**: Points to the 'Lancer l'import' button at the bottom of the 'Paramètres' section.

Other visible details include the 'PostGIS' and 'Spatialite' tabs, a progress bar at 0%, and a checkbox for 'Corriger les géométries invalides' which is checked.

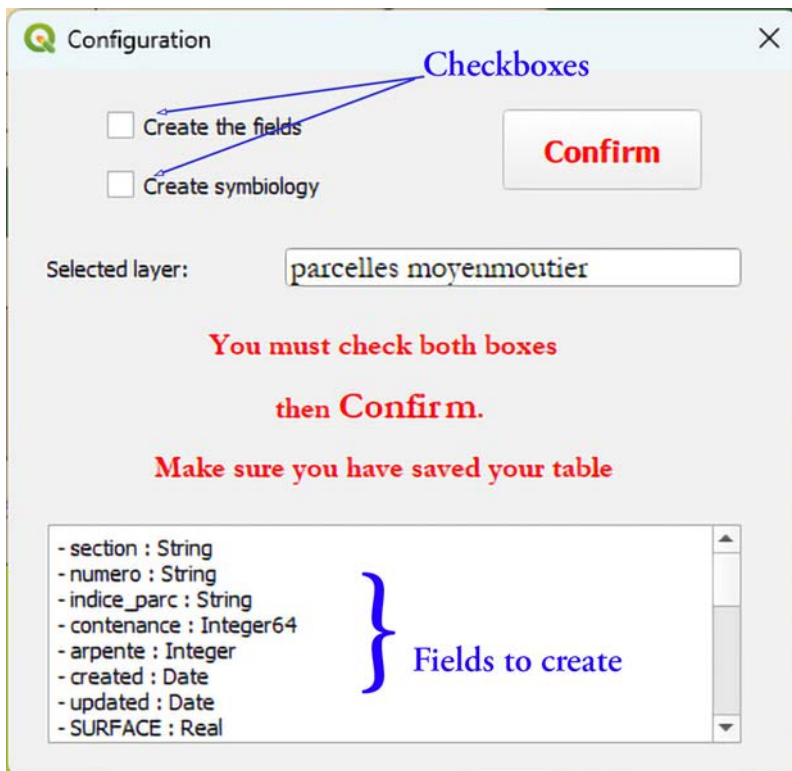
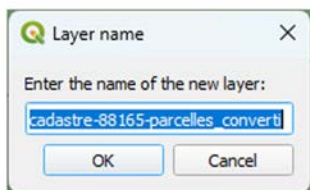
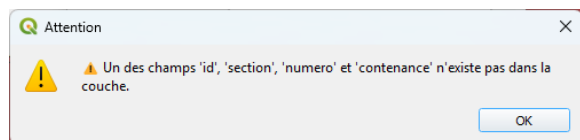
Here is a link that explains all the steps to install a cadastral parcel using the cadastral plugin: <https://www.youtube.com/watch?v=1mZ9NccOd98>

VIII. PLUGIN CONFIGURATION

To use this plugin, you must first configure your parcel layer(s) to create the fields required for its use.

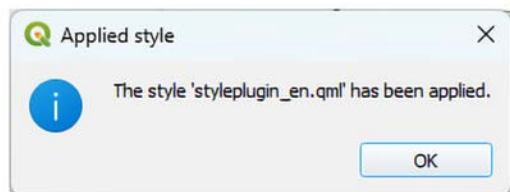
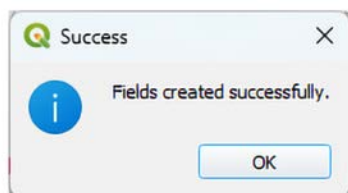
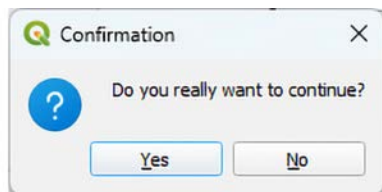
To do this, click the two checkboxes and confirm with the Confirm button.

If a required field is missing, you will see this message:



You can change the name of your file

You will then have this message which will appear:



If you have already configured your project with an older version, to put the legend in English, simply go to QGIS, on the desired layer, and do: Properties --> Symbiology, then click on style and add style. You will find the English language style in the «resources» directory of the QGIS plugins.

Once the fields are created you will have a message indicating this and you will see the new legends and colors that you can assign to your plots appear in the layers area on the left.

And that's it. All that's left is to discover the plugin.