



Connecting to EMFF 8.3.1 data via WMS on QGIS

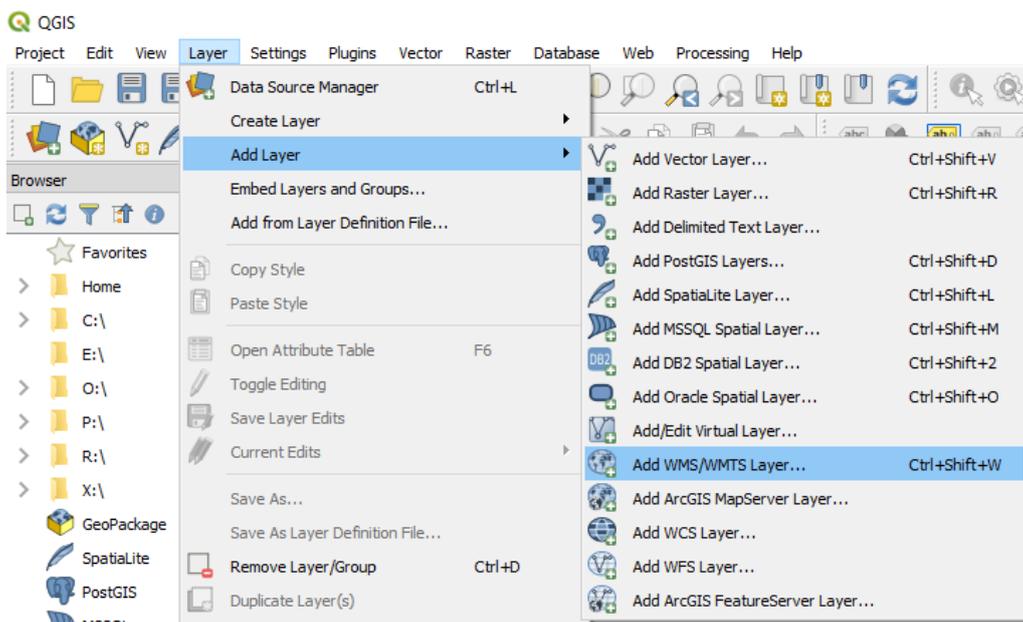
This document will guide you on how to connect to the EMFF WMS. When publishing any works containing data obtained from this WMS, you are requested to use the below citation accordingly:

The data used emanates from the EU funded project EMFF 8.3.1 under the European Maritime and Fisheries Fund 2014-2020 with a total cost of €1.6 million in public eligible EMFF funds (75% EU 25% MT).

The ultimate goals of this European Maritime and Fisheries Fund (EMFF 2014-2020) project are to devise a holistic approach towards marine monitoring and develop a comprehensive database of data collected about the Maltese waters.

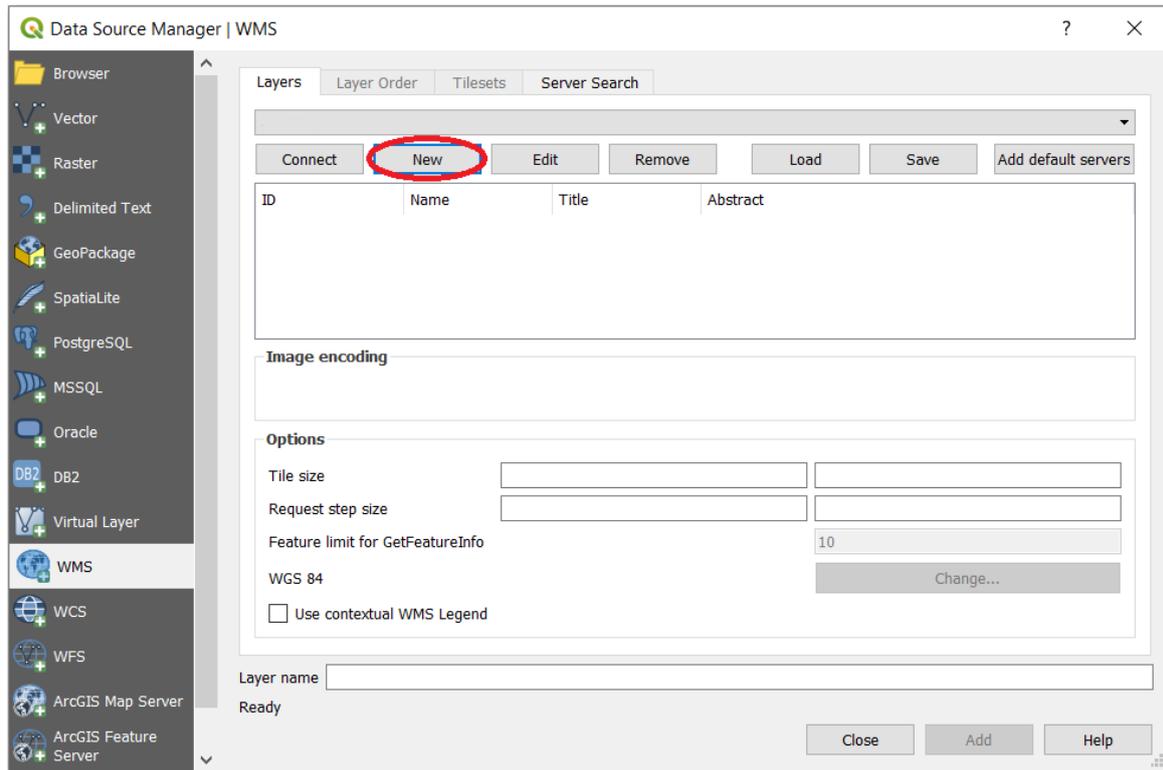
The copyright of such data is the property of the project in line with the provisions of CT 3031/2016 and will remain vested in the project in question.

1. After opening QGIS, click on Layer > Add Layer > Add WMS/WMTS Layer. A new dialog box will open.

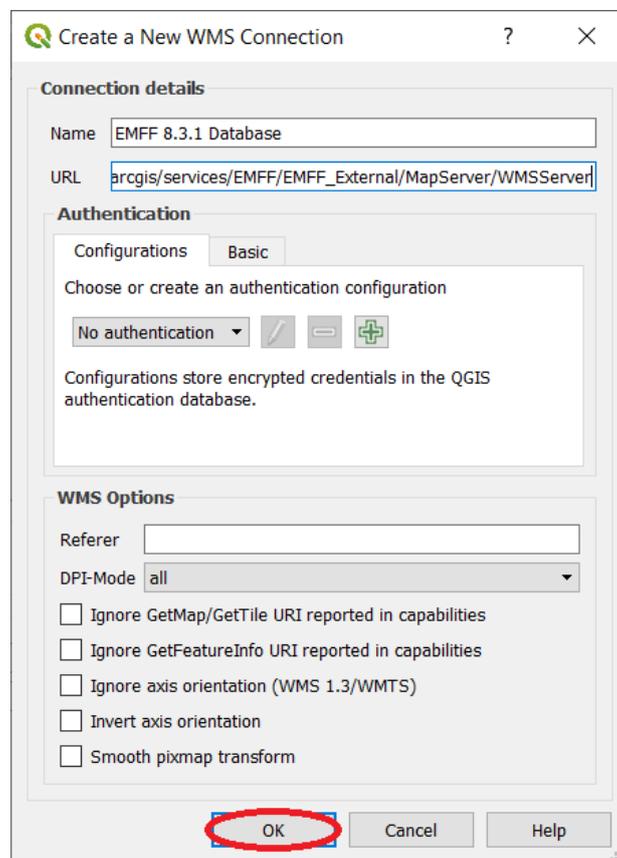


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- From the new dialog box, click on New. Another dialog box will open.

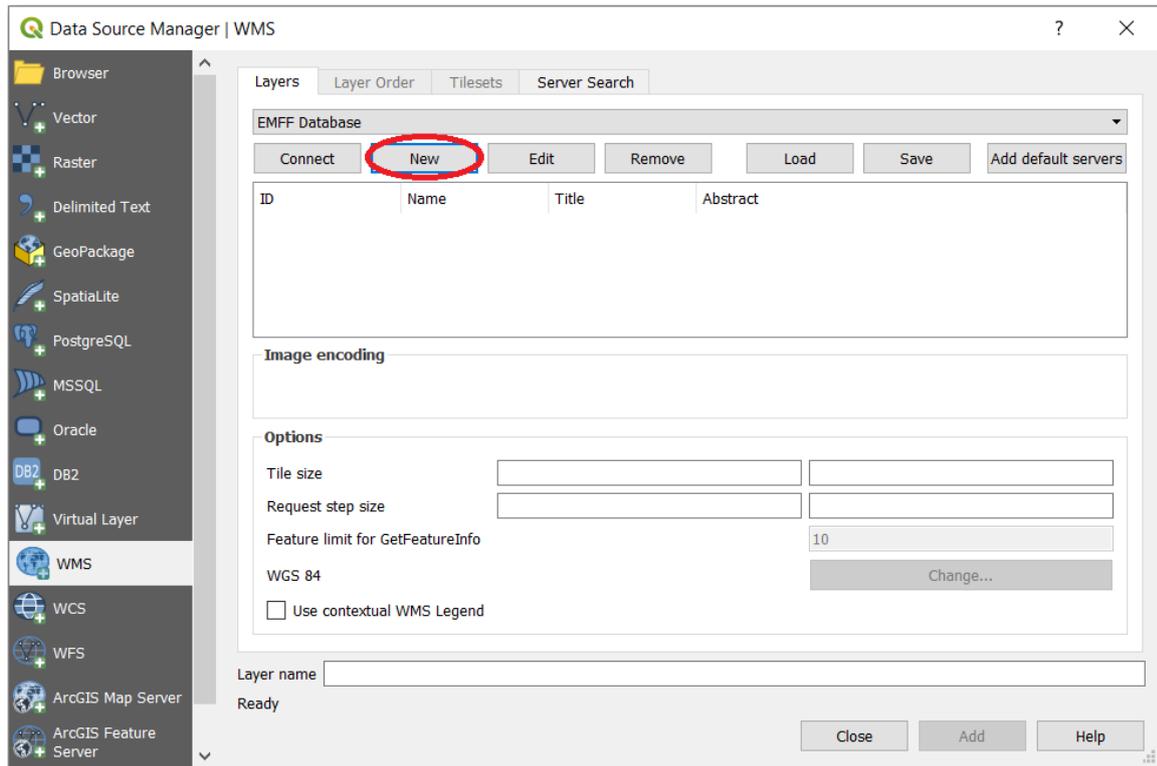


- Type in *EMFF 8.3.1 Database* in the *Name* field, and paste the following link in the *URL* field: http://217.71.178.6/arcgis/services/EMFF/EMFF_External/MapServer/WMServer
Click OK. The dialog box will close.



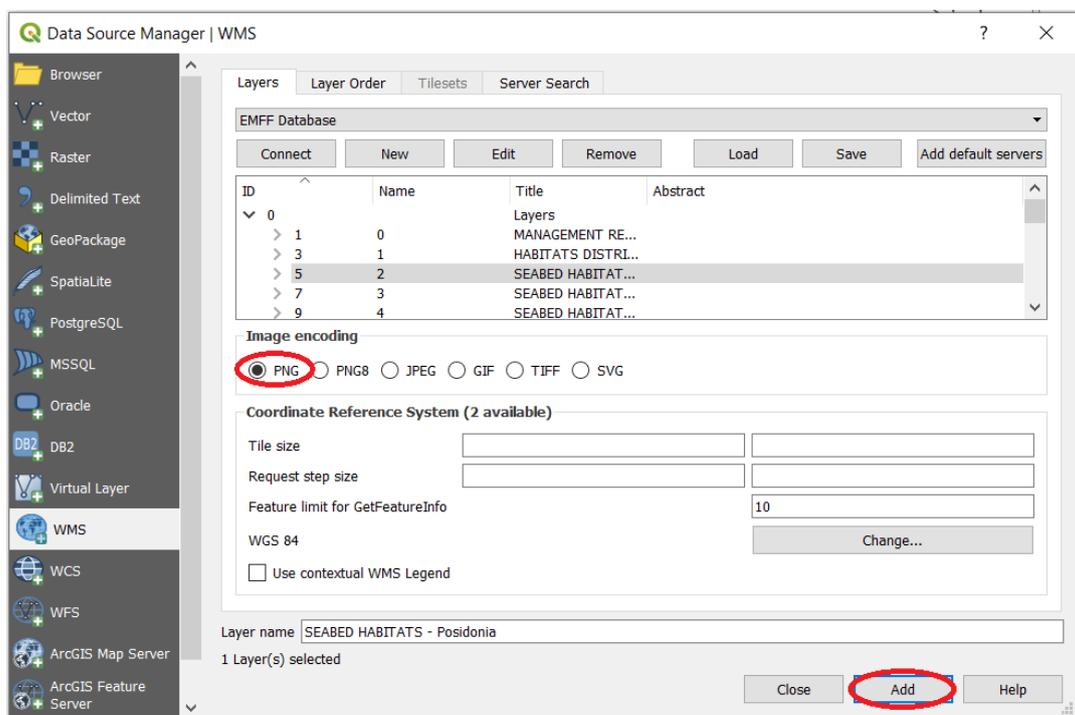
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4. On the previous dialog box, click on Connect.



5. A list with all available layers will be displayed. Select the layers which you want to display, switch the **Image encoding** to PNG and click on Add.

Note: It is best to add one layer at a time, as this will allow you to view the symbology for each layer and change the order of how the layers are being displayed.



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- To view the attribute information, select the Identify Features tool from the Attributes Toolbar (View > Toolbars > Attribute Toolbars) and click on the area of interest. A new tab will open on the right side of the screen. Expand all sub-categories (see red circle below), and the selected attribute details for your selected layer will show, as below.

Note: Should you require to view the attributes of all the layers in your area of interest, switch the Mode to Layer Selection (see blue circle below) and select Identify all.

The screenshot shows the 'Identify Results' dialog box in QGIS. The 'Feature' section shows '0' and 'SEABED HABITATS - Lytophyllum'. The 'Format' is set to 'Html'. A red circle highlights the '12' in the layer list. The 'Mode' dropdown menu is set to 'Current layer' and is circled in blue. The table below shows the following data:

| FID | ENV_OBS_ID | Analysed_M | SAMPLE_REP | SAMPLE_SIZ | SAMPLE_S_1 | SAMPLE_PRO | SAMPLER_ID | Monitoring | Phenomenon | Po |
|-----|------------|---------------------------|-------------------|------------|------------|-------------------|------------|------------|------------|----|
| 67 | 68215 | macroalgae - Lithophyllum | CLB09-4_20/7/2018 | 0.04 | m2 | 0.2mx0.2m quadrat | AIS | CLB09-4 | 20/07/2018 | |
| 68 | 68213 | macroalgae - Lithophyllum | CLB09-4_20/7/2018 | 0.04 | m2 | 0.2mx0.2m quadrat | AIS | CLB09-4 | 20/07/2018 | |
| 69 | 68214 | macroalgae - Lithophyllum | CLB09-4_20/7/2018 | 0.04 | m2 | 0.2mx0.2m quadrat | AIS | CLB09-4 | 20/07/2018 | |