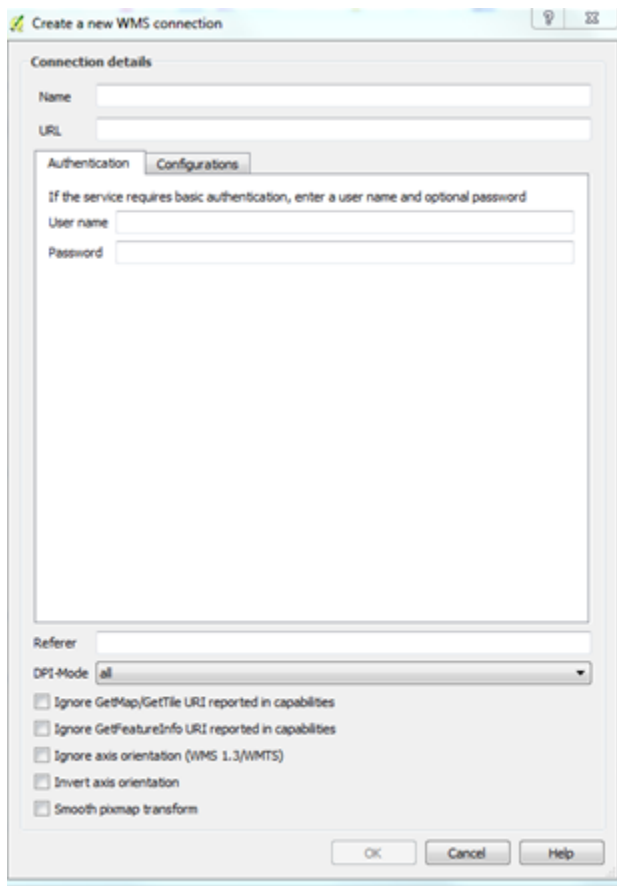


Open Vaklodingen data in QGIS via OPeNDAP WMS service

It is kindly suggested to read the WMS Primer page ([WxS - OpenEarth - Deltares Public Wiki](#)) before continue reading this tutorial. This page will guide on how to make a WMS request to the server. The attention will be focused on Vaklodingen Dataset and it will be explained how to open and display data in Qgis via OCG Web Mapping Service. We have chosen "VaklodingenKB134_0908.nc" file. First of all we need to make a request to the server, as explained in WMS Primer page. Get the information from the service by typing the GetCapabilities request on your search engine. We can type the following URL:

http://opendap.deltares.nl/thredds/wms/opendap/rijkswaterstaat/vaklodingen/vaklodingenKB134_0908.nc?service=WMS&request=GetCapabilities

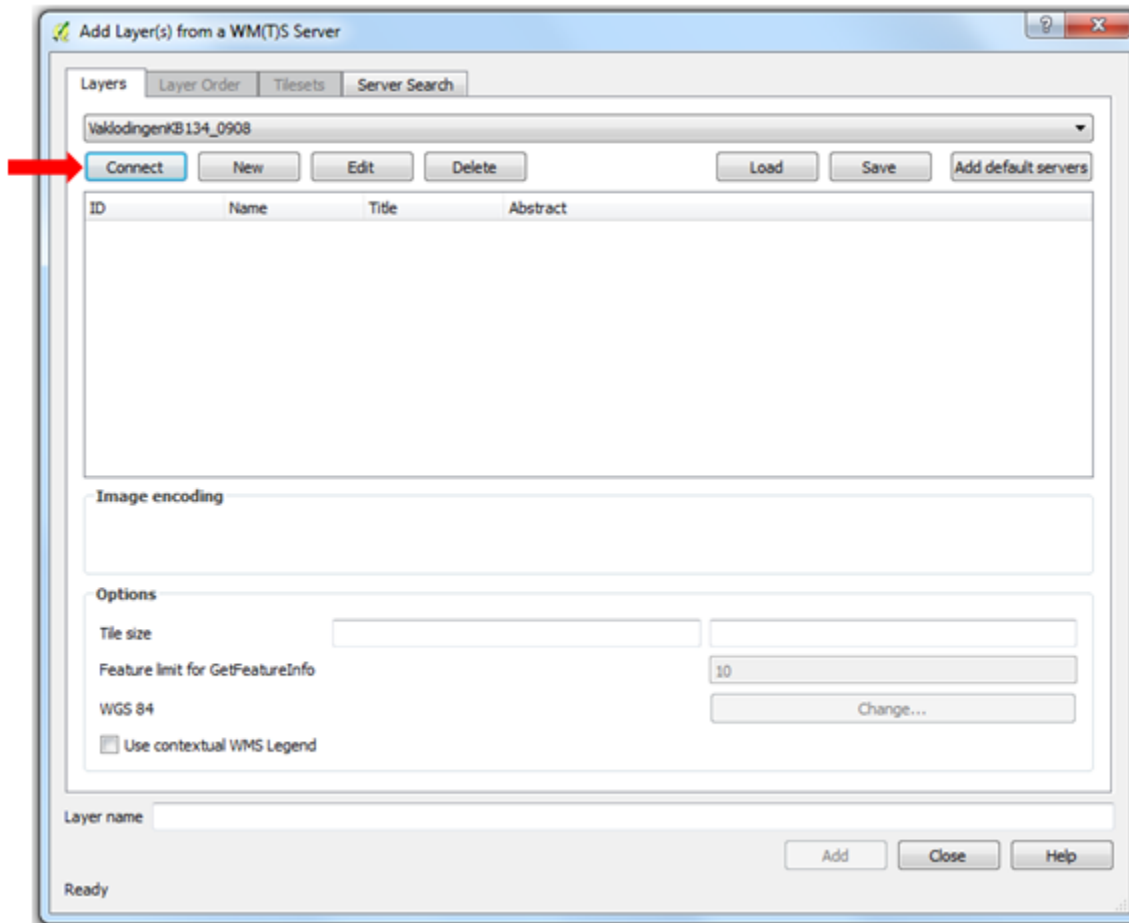
The GetCapabilities request allows to display the contents of the file, such as the datasets it contains (Layers) and the time series. This Vaklodingen file contains the altitude data related to different years, from 1985 to 2013. Since we know what the file includes, it is possible to decide what we want to display and what we will be looking at. To add the WMS layer to Qgis from the top menu go to Layer>Add Layer>Add WMS/WMTS Layer>New:



We can choose the name we prefer, then we can copy the URL of the WMS Service:

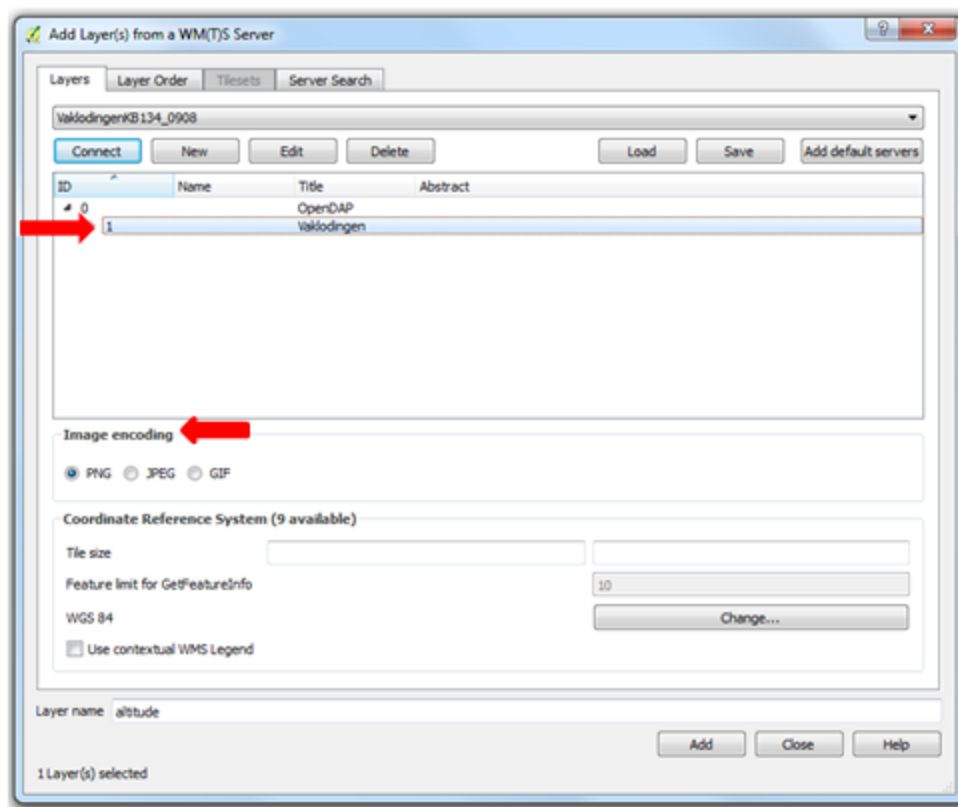
http://opendap.deltares.nl/thredds/wms/opendap/rijkswaterstaat/vaklodingen/vaklodingenKB134_0908.nc?service=WMS

Select "Ok".



Now select "Connect".

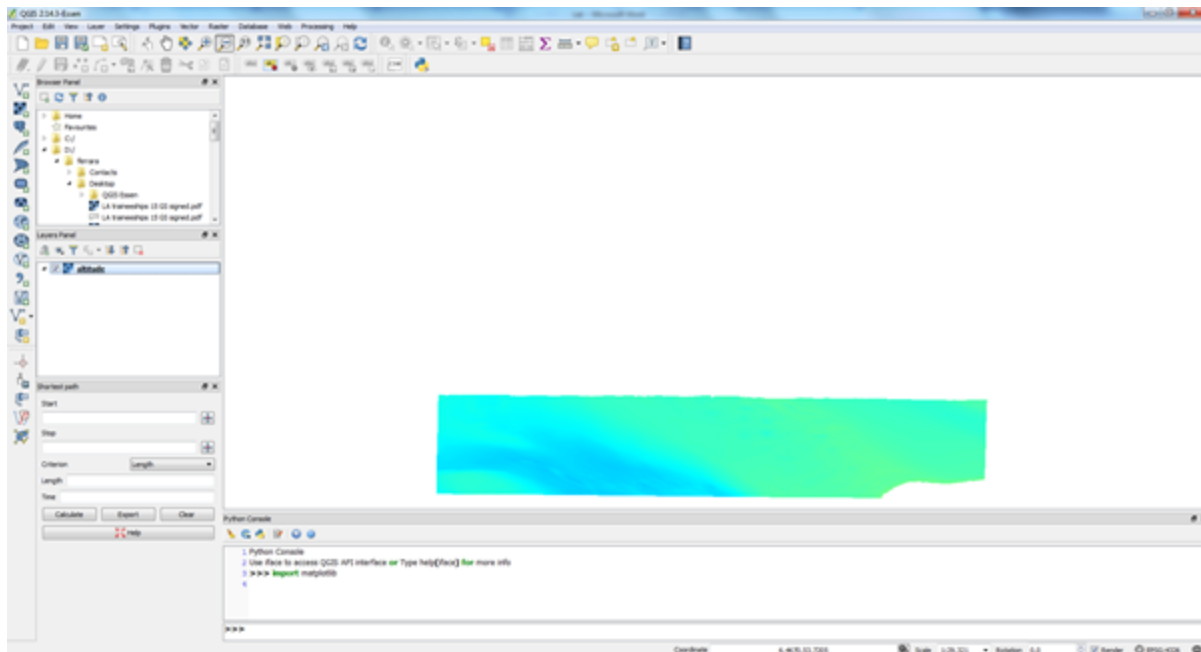
Select Vaklodingen layer and the Image Encoding preferred, then press "Add".



SELECT DIFFERENT TIME SLICES

If we don't specify the time slice we want to display, the default time slice is the latest, in this case is 2013. To select another year we need to modify the URL. Suppose we want to display the layer for year 1985:

http://opendap.deltares.nl/thredds/wms/opendap/rijkswaterstaat/vaklodingen/vaklodingenKB134_0908.nc?time=1985-01-01T00:00:00.000Z



Create a new WMS connection

Connection details

Name:

URL:

Authentication **Configurations**

If the service requires basic authentication, enter a user name and optional password

User name:

Password:

Referer:

DPI-Mode:

☒ Ignore GetMap/GetTile URI reported in capabilities

☒ Ignore GetFeatureInfo URI reported in capabilities

☐ Ignore axis orientation (WMS 1.3/WMTS)

☐ Invert axis orientation

☐ Smooth pixmap transform

OK Cancel Help

It is necessary to keep the WMS format of the time and to ignore GetMap and GetFeatureInfo URI reported in capabilities, in order to use given URI from the URL-field above.

