

Working with WMS Data

QGIS Tutorials and Tips



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WMS □□□ □□

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□ □□□□ USGS□□ □□□□ **Mineral Resources** □□□□ □□□ □□□□.

□□□ □□: [MRDATA]

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1. QGIS□ □□□□ □□ □□□ --> WMS□□□ □□ :menuselection: `Layer --> Add WMS Layer...` □ □□□.



2. □□□ Layers □□□ □□□□□ :guilabel: `New` □ □□□□□.



3. 以下のURLでWMSのCapabilitiesを取得する。取得したCapabilitiesのURLを、`GetCapabilities`のURLとして、`MRDATA`のUSGSのWMSのCapabilitiesのURLを、`GetCapabilities`のURLとして、`OK`ボタンをクリックする。
- URL: `<http://mrdata.usgs.gov/services/ca?request=getcapabilities&service=WMS&version=1.1.1>`

Create a new WMS connection

Connection details

Name:

URL:

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

User name:

Password:

Referer:

☐ Ignore GetMap 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

4. Click the **Connect** button. The **ID** field is updated with the **ID** of the selected layer. The **GUI** field is updated with the **GUI** label of the selected layer. The **GUI** field is updated with the **GUI** label of the selected layer. The **GUI** field is updated with the **GUI** label of the selected layer.



5. **Image encoding** options are available. The image encoding options are:
- PNG** is the default image encoding. **JPEG** is the most common image encoding. **TIFF** is the most common image encoding. **PNG8** is the most common image encoding. **PNG** is the most common image encoding.
 - PNG** is the most common image encoding. **JPEG** is the most common image encoding. **TIFF** is the most common image encoding. **PNG8** is the most common image encoding.
 - QGIS** is the most common image encoding. **TIFF** is the most common image encoding. **PNG** is the most common image encoding. **JPEG** is the most common image encoding.
 - PNG** is the most common image encoding. **JPEG** is the most common image encoding. **TIFF** is the most common image encoding. **PNG8** is the most common image encoding.
- The image encoding options are: **Image encoding** : **JPEG** : **Layer name** : **Add** : **Close** : **Help**



6. QGIS 0000 0000 0000 00 0 0 00 0000. 00 00000 00/0 000 000 0 0000.
WMS 0000 0000 000 00 00/00 000 0 000 000 000 000 0000 000 00
0000 000 00 000 000. 000 000 0 00 000 00 000 00 0000 0000. 00 000
0000 0000000 00 00/000 000000 000 000 0 0000.



7. `guiabel: Properties`

Layer Properties - California_Geology

General

Style

Transparency

Metadata

Metadata

Description

Title

Abstract

Keyword list

Format

Attribution

Title

Url

MetadataUrl

Url

Type

Format

Properties

Server Properties

Property	Value
WMS Version	1.1.1
Title	California_Geology
Abstract	
Keywords	
Online Resource	-
Contact Person	Peter M. Schweitzer

Restore Default Style

Save As Default

Load Style ...

Save Style ...

OK

Cancel

Apply

Help