

# Working with WMS Data

## QGIS Tutorials and Tips



Author

Ujaval Gandhi

<http://google.com/+UjavalGandhi>

Translations by

SongHyun Choi

# 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は、USGSのMRDATAサービスからWMSのGetCapabilities情報を取得するためのURLです。このURLを使用して、WMSのGetCapabilities情報を取得し、その結果を確認してください。
- URL: <http://mrdata.usgs.gov/services/ca?request=getcapabilities&service=WMS&version=1.1.1&>
- このURLは、USGSのMRDATAサービスからWMSのGetCapabilities情報を取得するためのURLです。このURLを使用して、WMSのGetCapabilities情報を取得し、その結果を確認してください。
- GUI: OK

**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 **0** value. The **guilabel:** field is updated with the **+** value. The **0** value is displayed in the **0** field.



5. **Image encoding** options are available. The image encoding options are:
- PNG** is the default image encoding. **JPEG** is also available. **TIFF** is not available. The **PNG** option is selected by default. The **JPEG** option is available if the server supports it. The **TIFF** option is not available.
  - PNG** is the default image encoding. The **JPEG** option is available if the server supports it. The **TIFF** option is not available.
  - QGIS** is the default image encoding. The **JPEG** option is available if the server supports it. The **TIFF** option is not available.
  - QGIS** is the default image encoding. The **JPEG** option is available if the server supports it. The **TIFF** option is not available.
- The **Layer name** field is used to specify the layer name. The **Tile size** field is used to specify the tile size. The **Feature limit for GetFeatureInfo** field is used to specify the feature limit for GetFeatureInfo.





7. `guiabel: Properties`



8. Properties Metadata WMS



 General

 Style

 Transparency

 Metadata

### Layer Properties - California\_Geology

▼ 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