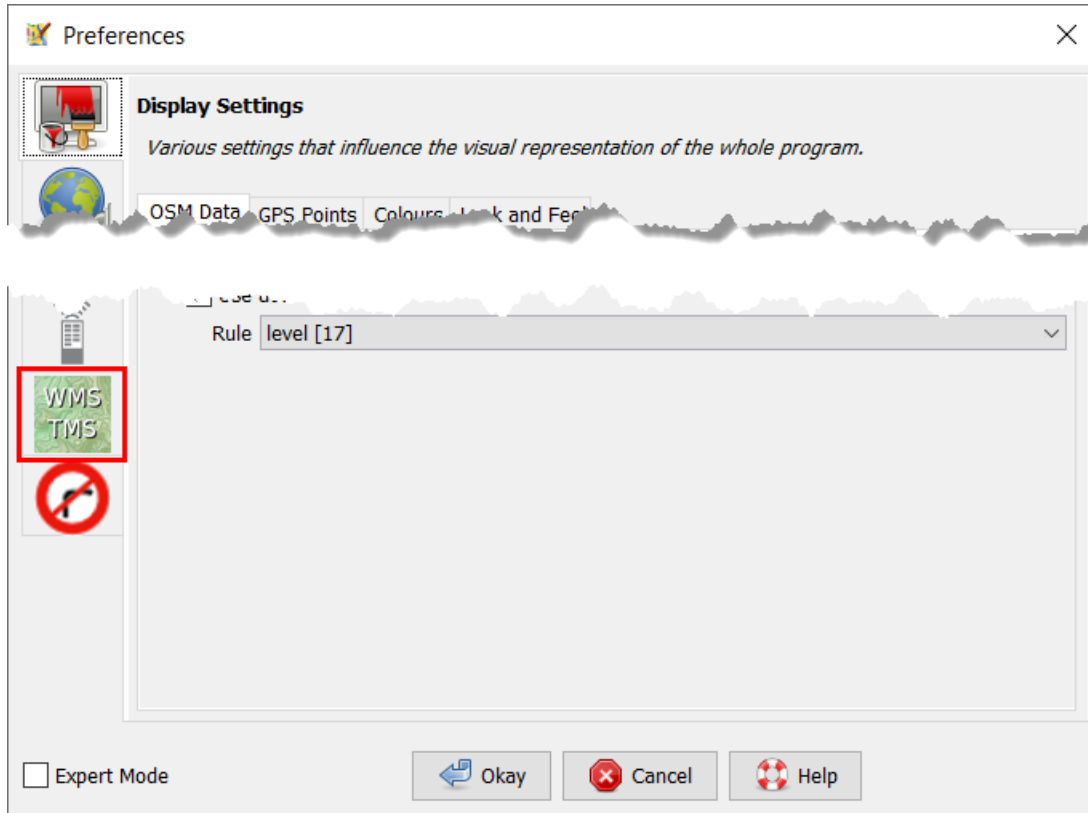
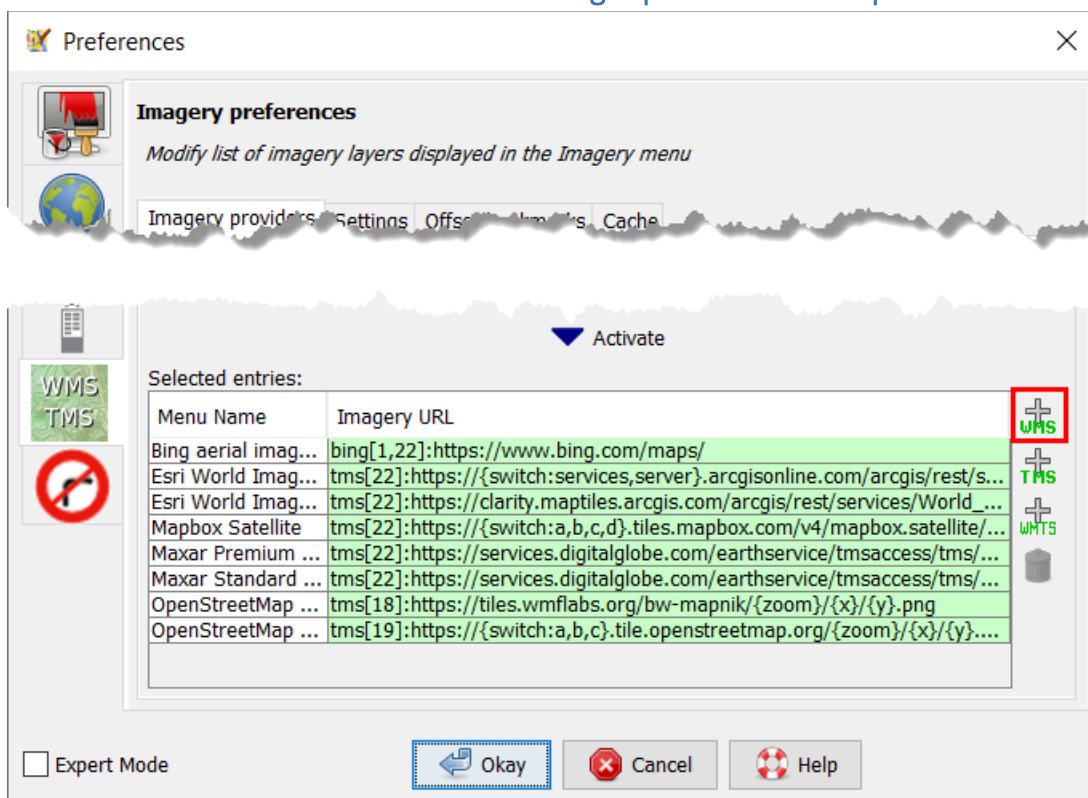


Adding WMS Tiles of OS OpenData USRN data to JOSM as a background layer

1. Go to your JOSM settings (F12) and click the WMS/TMS icon in the left panel



2. Click on the "+WMS" icon in the lower right part of the main panel



3. Enter the WMS URL and give the layer a name

1. Make sure OSM has the permission to use this service
2. Enter GetCapabilities URL

Show bounds

5. Select image format

6. Edit generated WMS URL (optional)
wms:http://poppe.work:8080/geoserver/wms?FORMAT=image/png&TRANSPARENT=TRUE&VERSION=1.1.1&SERVICE=WMS&REQUEST=GetMap&LAYERS=cite:openUSRN&STYLES=os-usrn-red&SRS={proj}&WIDTH={width}&HEIGHT={height}&BBOX={bbox}

7. Enter name for this layer
OS OpenData USRN (red)

Okay Cancel Help

These are the available URLs with different styles

All styles have a WHITE TEXT showing the USRN ID of the street perpendicular to the line with a 6 pixel gap.

Copy the URLs without any linebreaks.

RED LINE

```
wms:http://poppe.work:8080/geoserver/wms?FORMAT=image/png&TRANSPARENT=TRUE&VERSION=1.1.1&SERVICE=WMS&REQUEST=GetMap&LAYERS=cite:openUSRN&STYLES=os-usrn-red&SRS={proj}&WIDTH={width}&HEIGHT={height}&BBOX={bbox}
```

GREEN LINE

```
wms:http://poppe.work:8080/geoserver/wms?FORMAT=image/png&TRANSPARENT=TRUE&VERSION=1.1.1&SERVICE=WMS&REQUEST=GetMap&LAYERS=cite:openUSRN&STYLES=os-usrn-green&SRS={proj}&WIDTH={width}&HEIGHT={height}&BBOX={bbox}
```

BLUE LINE

```
wms:http://poppe.work:8080/geoserver/wms?FORMAT=image/png&TRANSPARENT=TRUE&VERSION=1.1.1&SERVICE=WMS&REQUEST=GetMap&LAYERS=cite:openUSRN&STYLES=os-usrn-blue&SRS={proj}&WIDTH={width}&HEIGHT={height}&BBOX={bbox}
```

WHITE LINE

```
wms:http://poppe.work:8080/geoserver/wms?FORMAT=image/png&TRANSPARENT=TRUE&VERSION=1.1.1&SERVICE=WMS&REQUEST=GetMap&LAYERS=cite:openUSRN&STYLES=os-usrn-white&SRS={proj}&WIDTH={width}&HEIGHT={height}&BBOX={bbox}
```

Result in Wireframe View (CTRL+W) with the white style in the background

