## Adding WMS OGC Services -QGIS

1. In the browser window **right-click** on WMS/WMTS and select **New Connection**.

This will load the Create a New WMS/WMTS Connection dialog box.

Browser 🗗	×
> 🙆 Home	^
> 🗋 A:\	11
> 🗋 C:\	
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2. Give your new WMS connection a name and type in the **URL** of the OGC WMS Service in URL text box. Click **OK**.

<b>Q</b> Create a New WMS/WMTS Connection	? )	×
Connection Details		
Name Orthophotography		]
URL https://services.spatialni.gov.uk		]
Authentication		
Configurations Basic		
Choose or create an authentication configuration		
No authentication 🗸 🖉 🖶		
Configurations store encrypted credentials in the QGIS authentication database.		
WMS/WMTS Options		
Referer		
DPI-Mode all	$\sim$	
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	



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3. Expand the drop-down menus until you can see your required layer, **right-click** and select **Add selected layer(s) to Canvas** or you can drag and drop the layer on to the canvas or in to the layers window.



## Changing Coordinate System from WGS 84 to Irish Grid TM 65

A WMS server has a default coordinate system of WGS84 but does support a number of other coordinate systems. As the large majority of OSNI data uses the Irish Grid TM65 coordinate system you will likely want to change from WGS84 to TM65. To do this requires a few simple steps.

1. Right-click on your WMS Service & select Set CRS and then Set Layer CRS.





2. In the Coordinate Reference System Selector window search for Irish Grid in the Filter text box. Select TM65 / Irish Grid. Click OK.

Q Coordinate Reference System Selector		?	×
Define this layer's coordinate reference s This layer appears to have no projection specification. By de of the project, but you may override this by selecting a diffe	system: fault, this layer will now have its projec rent projection below.	tion set f	to that
Filter 🔍 Irish Grid			$\times$
Recently used coordinate reference systems			
Coordinate Reference System	Authority ID		
TM75 / Irish Grid	EPSG:29903		
TM65 / Irish Grid	EPSG:29902		
< Coordinate reference systems of the world Coordinate Deference System	Hide de	precate	> d CRSs
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OSNI 1052 ( Jrick National Grid	EBSC-20001		
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Tivios / Irish Grid	EP30:29902	_	× *
<			>
Selected CRS TM65 / Irish Grid			
Extent: -10.56, 51.39, -5.93, 55.43 Proj4: +proj=tmerc +lat_0=53.5 +lon_0=-8 +k=1.000035 +x_0=200000 +y_0=250000 +ellps=mod_airy +towgs84=482.5,-130.6,564.6,-1.042,-0.214,-0.631,8.15 +units=m +no_defs		2	
	OK Cancel	Н	lelp



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