



# Map Preparation

QGIS 2.4 - WINDOWS 7 - AUGUST 2014

## Goal for this lesson:

In this lesson you will learn how to open a Project which contains several layers of vector-data. You will perform basic data management action and learn how to compose map and print it through Print Composer. The data is to be set up for print in a print composer.

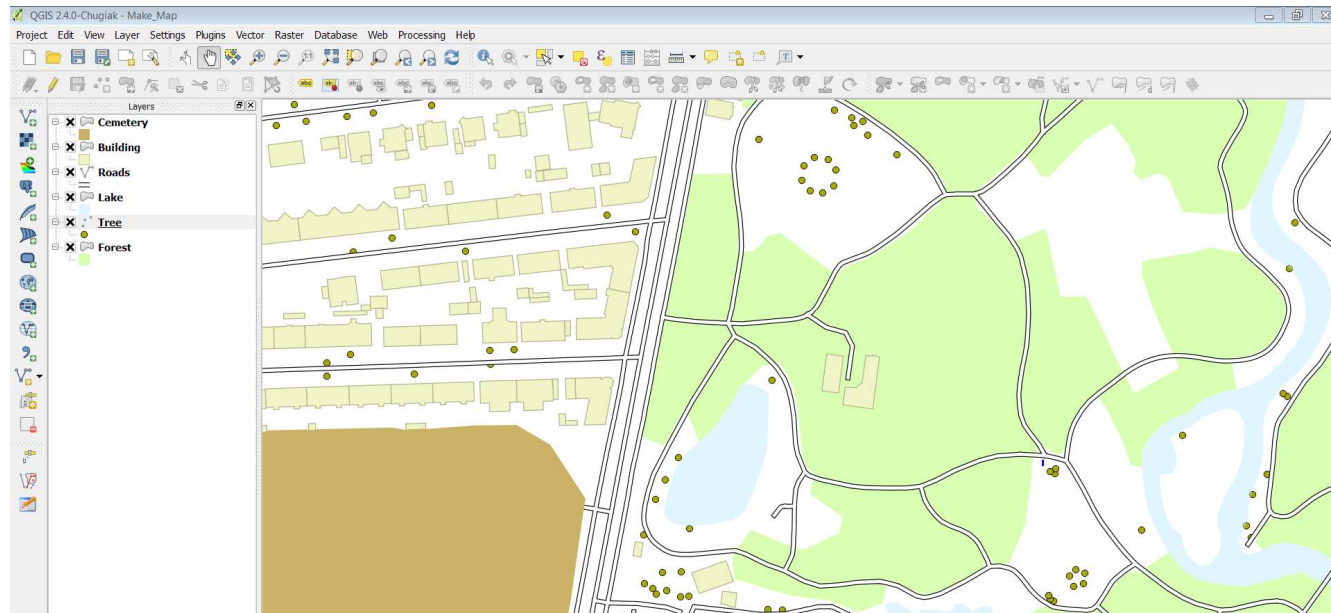
The steps are:

- Open project
- Sort layers
- Change colors
- Look at existing Print Composer
- Setup a new print in Print Composer

Data: Map\_prep.Zip Source: FOT data from <http://download.kortforsyningen.dk>

## Start lesson

Click on **Project>Open** Choose **Map\_Prep.qgs**



Try to zoom full - to show the map extent. Zoom back again. Use the tool **Zoom Full** and **Zoom Last**



## Sort layer

The layers are not sorted correctly so not every object can be seen.

In **Layers**

Mark the **Tree**-layer and drag it to the top in the top.

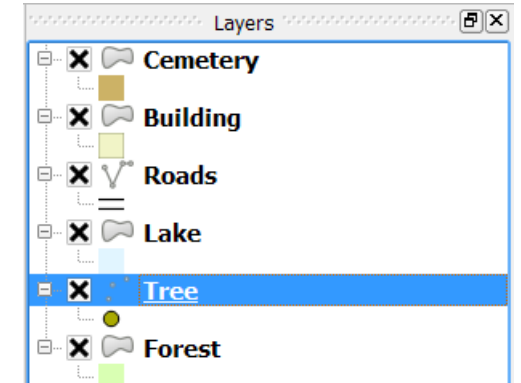
Sort the rest of the layers in order:

- Point
- Line
- Polygon

It is important to use this method, so all elements are visible.

Remember to save the project to keep the new layers order.

Click on **Project>Save** or **Ctrl + S**.



## Change color

The trees color is too dominant and you have to select a new color.

Double click on **Tree** in the **Layer**

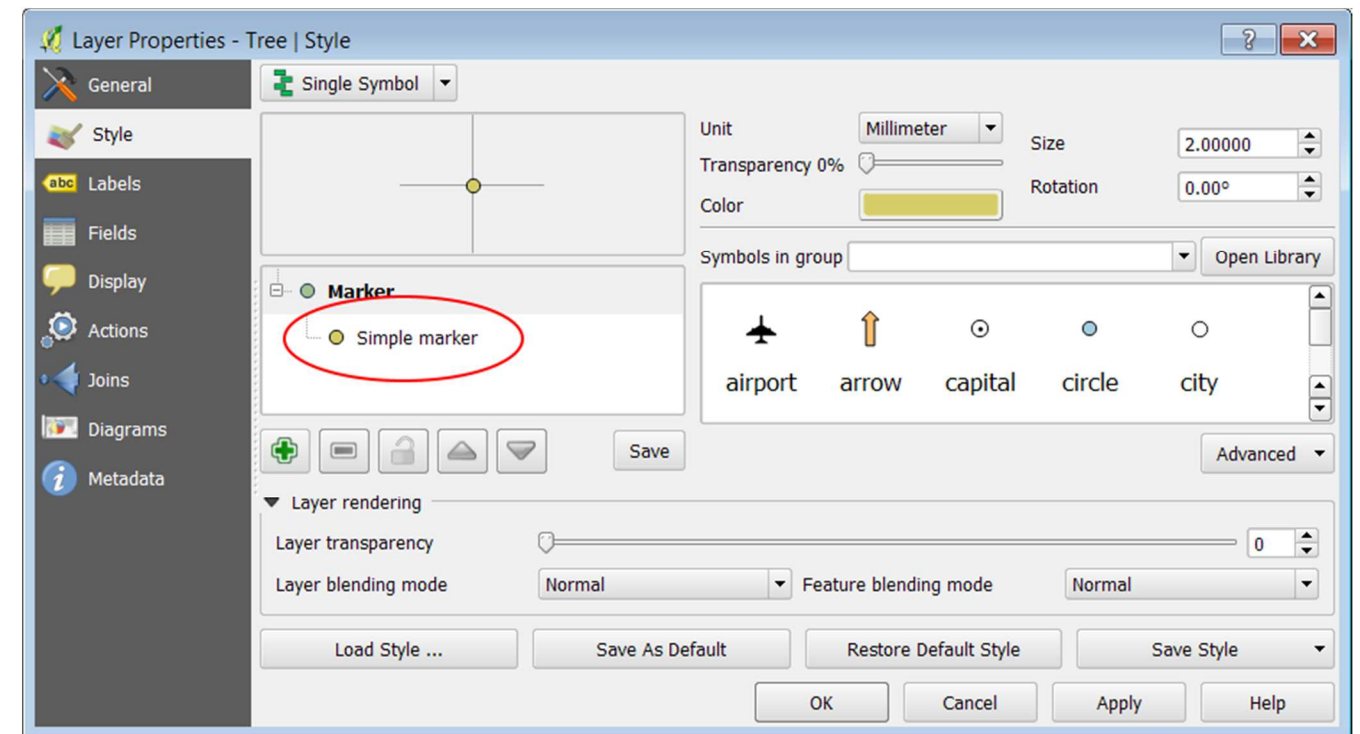
Click on the **Style tab**

Click on **Simple marker** and change the **fill** to white and the **border** to green

Click on **OK**

You can also try to change the colors for the other layers –

Remember to save the project when you have are done changing colors.



# Setup a print in Print Composer

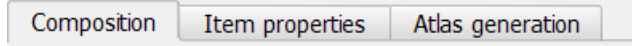
QGIS has a special program for printing - Print Composer.  
In this part of the lesson you are going to setup a print for paper size A4 – Portrait.

At this example you can see the items used to compose the print. In the project this example can be opened to see how it looks like.

Click on **Project>Print composers**  
Choose **Example for 'Make a Map'**

Use the tool **Select/move item** 

When an item is selected, the box in the right side of the screen will change. There are 3 tabs for:



Click on the map  
Click on the tab **Composition** and see the settings  
Click on the tab **Item properties** and see the settings



Now it's time to make your own Print Composer. Close the example window.  
The first Print Composer is a simple one, more advanced in later lessons

See the video <http://screencast.com/t/69LnmNMIAA>

Try to make a Print Composer similar to the video

**Remember to save the project for also saving the Print Composer**

Link to QGIS manual – Print Composer  
[http://docs.qgis.org/2.2/en/docs/user\\_manual/print\\_composer/print\\_composer.html](http://docs.qgis.org/2.2/en/docs/user_manual/print_composer/print_composer.html)