

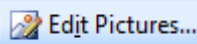



H5 - Re-sizing and geo-referencing a background image

This how-to page reviews how to change the location and size of a background image. This feature is helpful when your background layer is not geo-referenced.

1. Open your project in PCSWMM 2011 and click on the **Layers**  button
2. Click on the **Open layer**  button to open the layer
3. Browse to the location of the image file and click on the **Open** button.

Note: If your background image is not in a PCSWMM compatible format:

1. Go to the location of the backdrop and right click on the file.
2. Select to **Open with...** and select **Microsoft Office picture Manager**
3. You may notice the backdrop is large in comparison to the actual image for this reason click the **Edit Pictures....**  button
4. Select to crop the image and crop the image to the size of the actual backdrop and click ok.
5. Go to **File** and select **export**
6. The export menu will appear on the right of the screen.
7. Select to Export the file in PNG format.

4. When it opens you may notice you can no longer see your PCSWMM model (if you were working in an existing PCSWMM model). Click on the **Extent**  button and click on **All Layers** button.

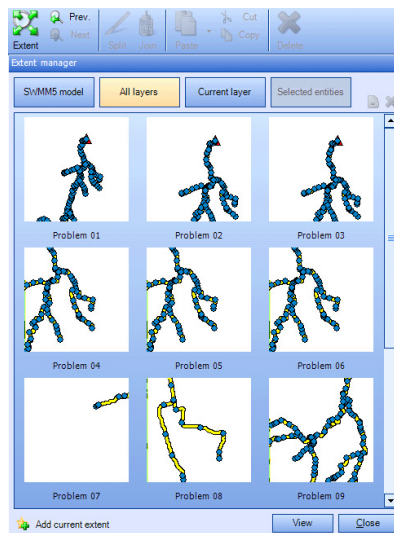




Figure 1 - Extent manager window selecting All layers

From here you will notice that you can no longer see the backdrop. It is there however it is very small. This can be resized.

5. To resize click the **Layers**  button, ensure that the correct layer is selected and click on the **Options**  button and select **Resize**.

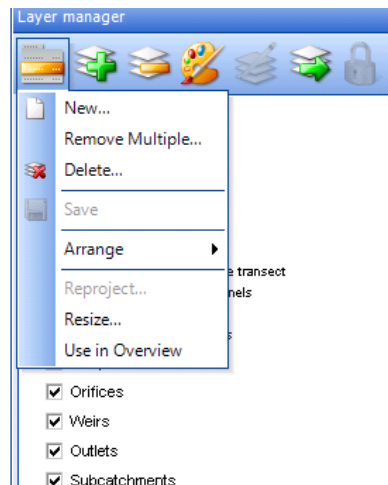




Figure 2 - Layer manager options menu

6. In the **Resize Layer** window click on the **Scale Layer**  button to make the image bigger (the backdrop should appear with blue squares that you can drag to make the image bigger) and click on the **Move Layer**  button to move the layer to the desired location. To move the image first single click on the location of the image and then single click again to where you wish to move your layer.

This will take some time re sizing and moving the layer. You have to switch back and forth from one to the other. You may also have to click the **Ok** button in order to close the **Resize** window and zoom into the extent.

Note: You can also specify the location of the image specifying the X and Y coordinates in the **Resize Layer** window.

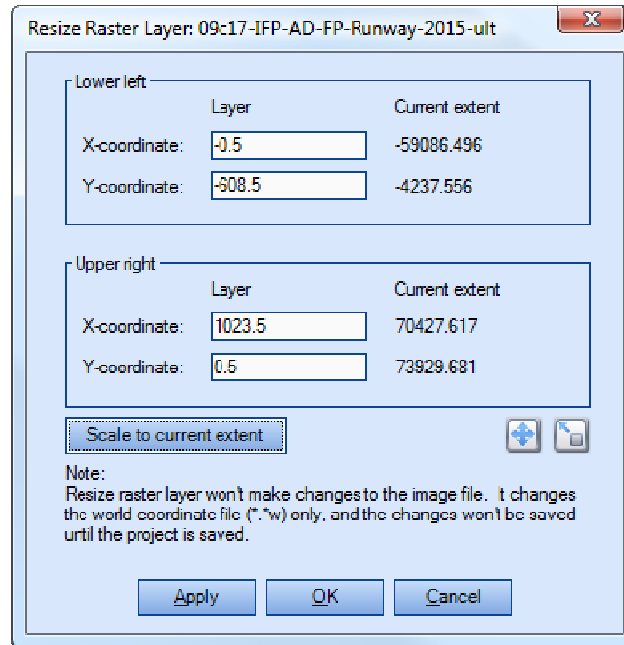


Figure 3 - Resize layer window

This can be time consuming but eventually you will be able to make the backdrop useable.

Tips

- Make the background image transparent in properties in the time series manager and drag the layer to be over the subcatchments to better align the backdrop
- Because the image is still going to have a lot of space around it, the blue squares that appear when you are resizing may not be easily seen. You may want to zoom into your backdrop image and export it selecting to export to visible extent only. From there remove the original from the layers manager and add the new one. Repeat resizing and moving process.

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