

An Introduction to GIS Fundamentals

PART 8. PRINT COMPOSER



QGIS Print Composer

With the Print Composer you can create nice maps and atlases that can be printed or saved as PDF-file, an image or an SVG-file. This is a powerful way to share geographical information produced with QGIS that can be included in reports or published.

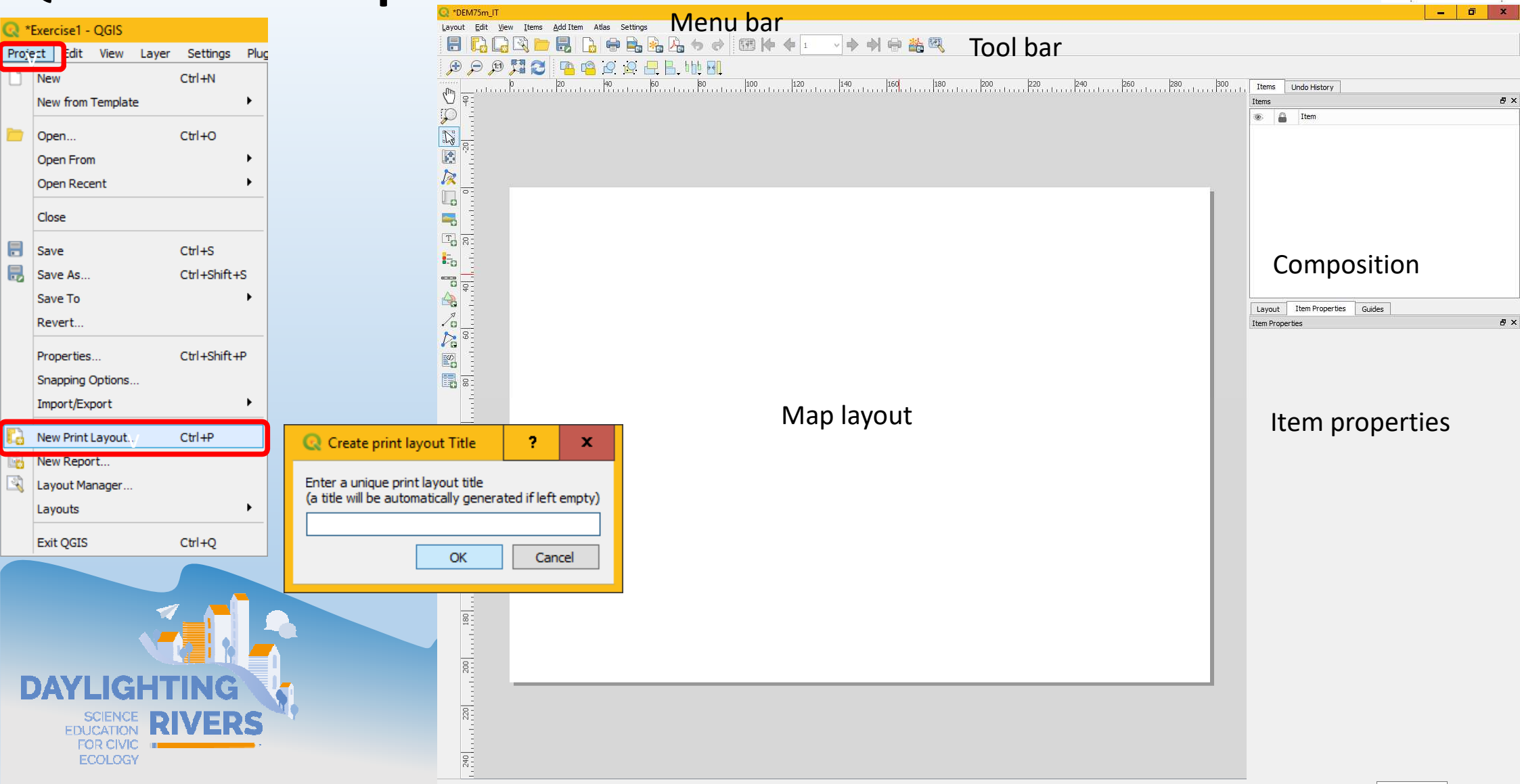
The Print Composer provides growing layout and printing capabilities. It allows you to add elements such as the QGIS map canvas, text labels, images, legends, scale bars, basic shapes, arrows, attribute tables and HTML frames.

You can **size**, **group**, **align**, **position** and **rotate** each element and adjust the properties to create your layout. The layout can be printed or exported to **image formats**, **PostScript**, **PDF** or to **SVG**. You can save the layout as a template and load it again in another session. Finally, generating several maps based on a template can be done through the **atlas generator**.

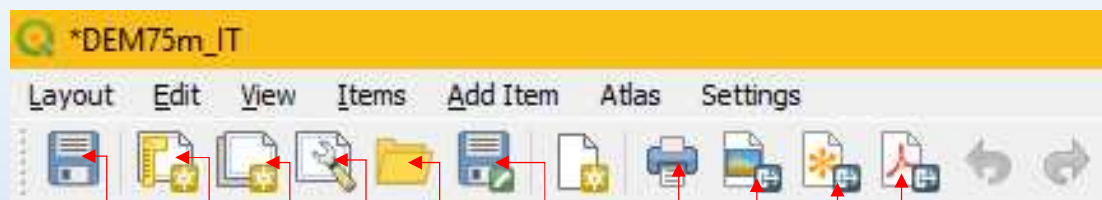


Training event (C1) of Daylighting rivers Florence Oct. 1st – 5th 2018

QGIS Print Composer



QGIS Print Composer



- Saving Map Composition
- New Composer
- Duplicate Composer
- Composer Manager
- Load From Template
- Save as Template
- Print
- Export as image
- Export as SVG
- Export as PDF
- Revert Last Change
- Restore Last Change
- Zoom to full Extent of Map Composition
- Zoom in
- Zoom out
- Refresh Display

QGIS Print Composer



Pan

Zoom to specific region

Select/Move item

Move item content

Edit nodes item

Add new map

Add image

Add label

Add legend

Add scale bar

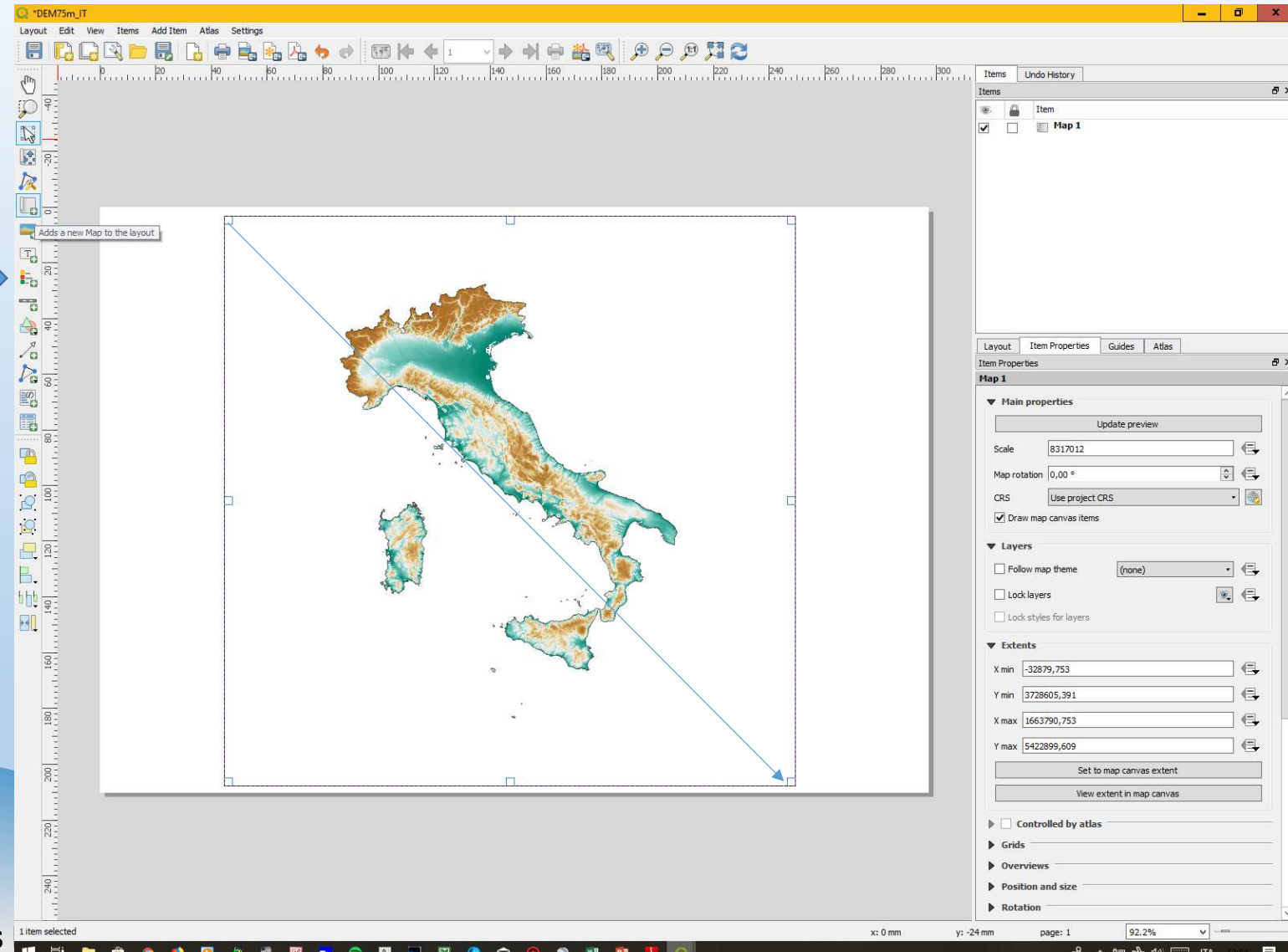
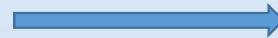
Add basic shape

Add arrow

Add note item

Add node item

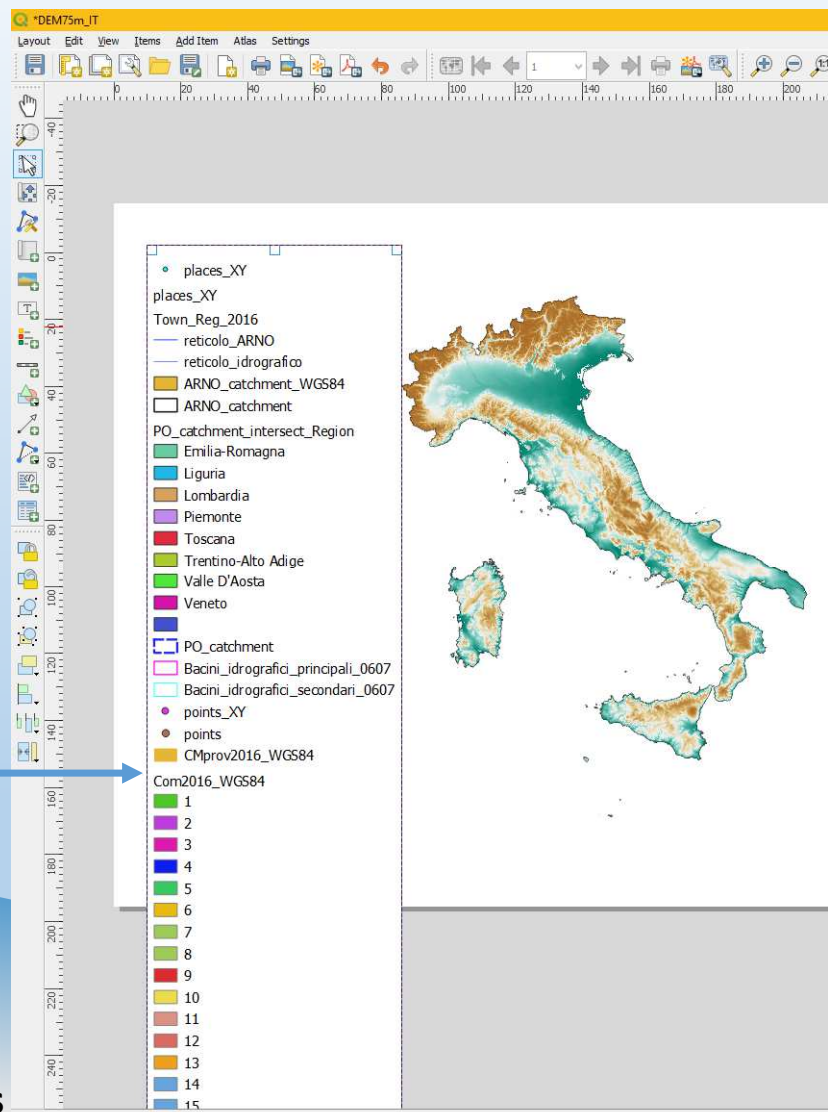
Add attribute table



QGIS Print Composer



- Pan
- Zoom to specific region
- Select/Move item
- Move item content
- Edit nodes item
- Add new map
- Add image
- Add label
- Add legend
- Add scale bar
- Add basic shape
- Add arrow
- Add note item
- Add node item
- Add attribute table



Legend

▼ Main properties

Title

Title alignment Left

Map Map 1

Wrap text on

☒ Resize to fit contents

▼ Legend items

☐ Auto update

Update all

- places_XY
- places_XY
- Town_Reg_2016
- reticolo_ARNO
- reticolo_idrografico
- ARNO_catchment_WGS84
- ARNO_catchment
- > PO_catchment_intersect_Region
 - PO_catchment
 - Bacini_idrografici_principali_0607
 - Bacini_idrografici_secondari_0607
- points_XY

☐ Only show items inside current atlas feature

► Fonts

► Columns

► Symbol

► WMS LegendGraphic



QGIS Print Composer



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Zoom to specific region

Select/Move item

Move item content

Edit nodes item

Add new map

Add image

Add label

Add legend

Add scale bar

Add basic shape

Add arrow

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Add node item

Add attribute table

The screenshot shows the QGIS Print Composer interface. The main map area displays a topographic map of Italy with a color-coded elevation legend (m a.s.l.) ranging from 1 to 4528. A scale bar is visible at the bottom of the map, showing distances from 0 to 500 km. The right-hand panel shows the 'Scalebar' properties, which are highlighted with a red box. The 'Main properties' section shows 'Map 1' selected. The 'Units' section shows 'Scalebar units' set to 'Kilometers', 'Label unit multiplier' set to '1,000000', and 'Label for units' set to 'km'. The 'Segments' section shows 'left 0' and 'right 5' selected. The 'Display' section shows 'Frame' and 'Background' checked. The 'Variables' section shows a table with 'Variable' and 'Value' columns.

Variable	Value

