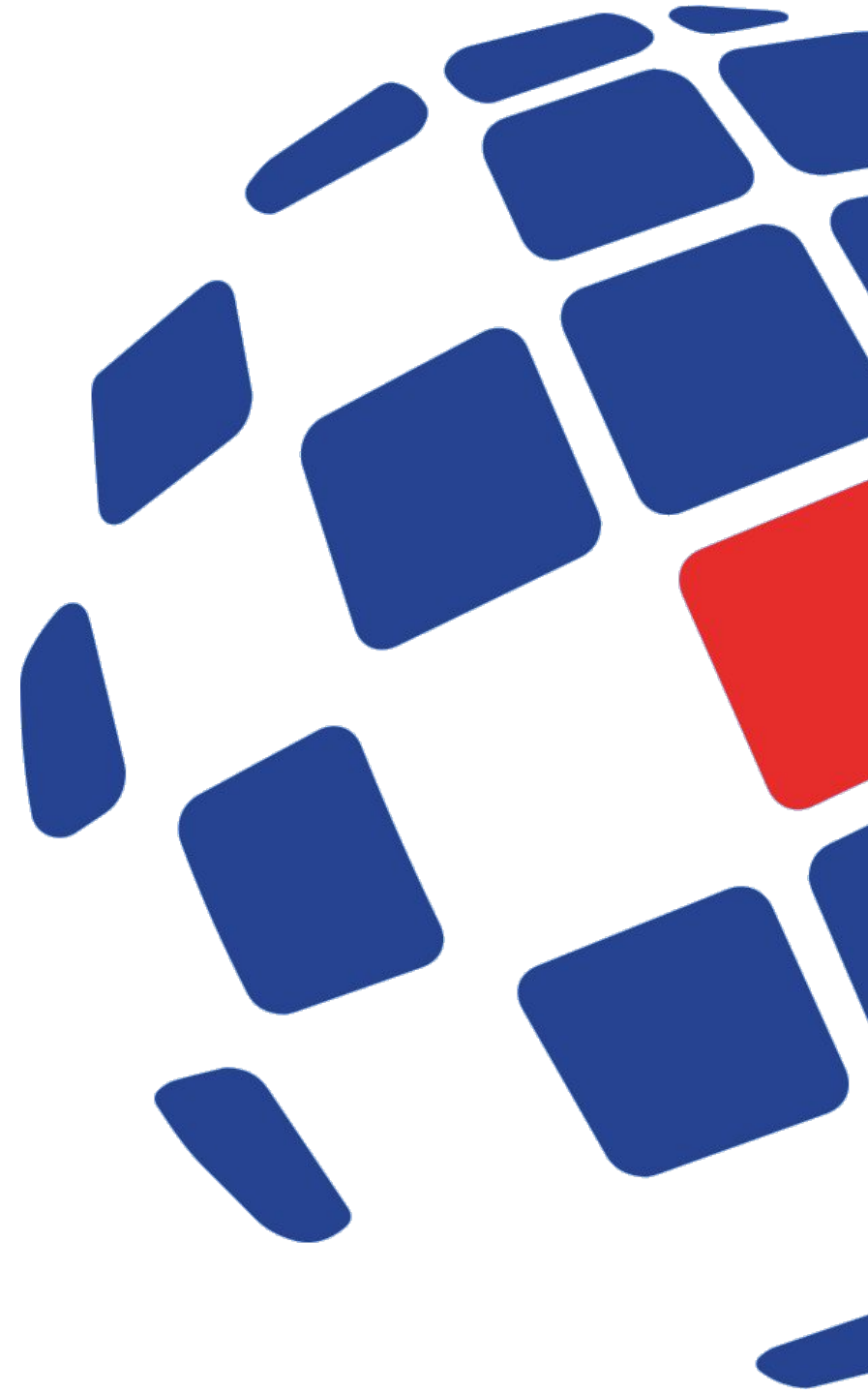




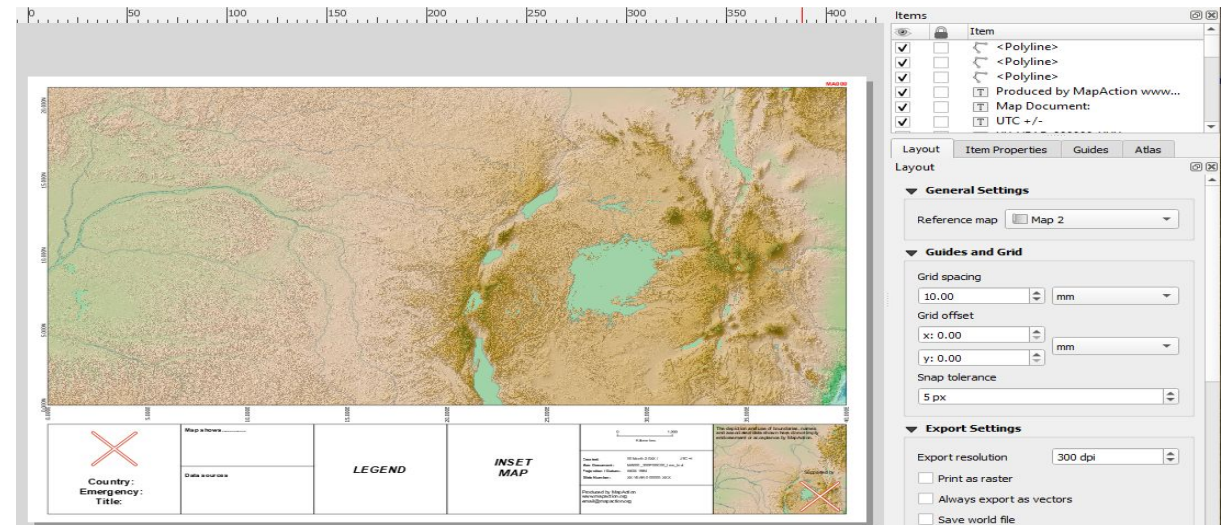
October 2023 - Saint Kitts and Nevis

QGIS: Print Layout



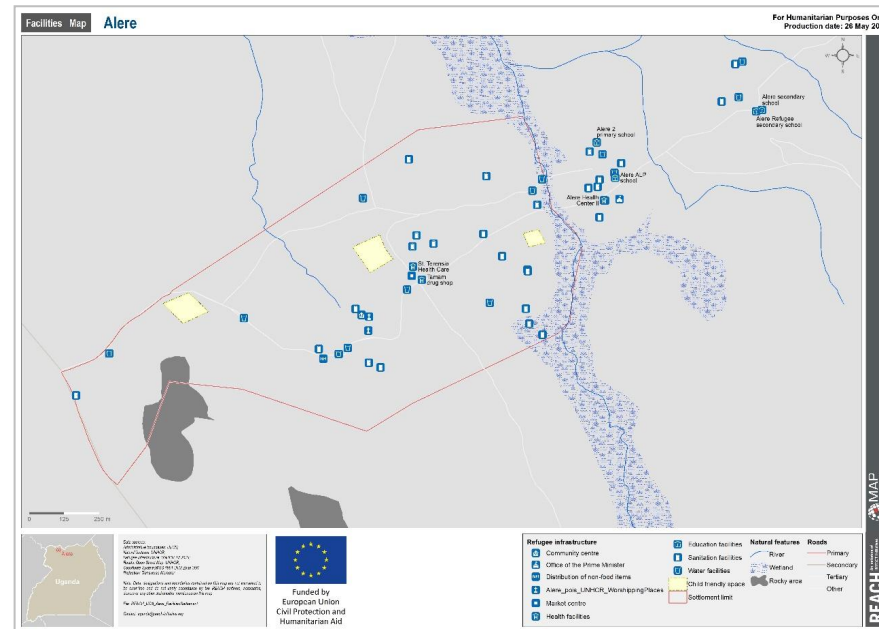
Introduction

- We will look at creating a map output
- The map can then be printed or shared
- This includes looking at:
 - Map elements
 - Print Layout



Print Layout

- Print Layout is the tool to make exportable and printable maps in QGIS
- Able to add map elements (legends, scales, text, etc)



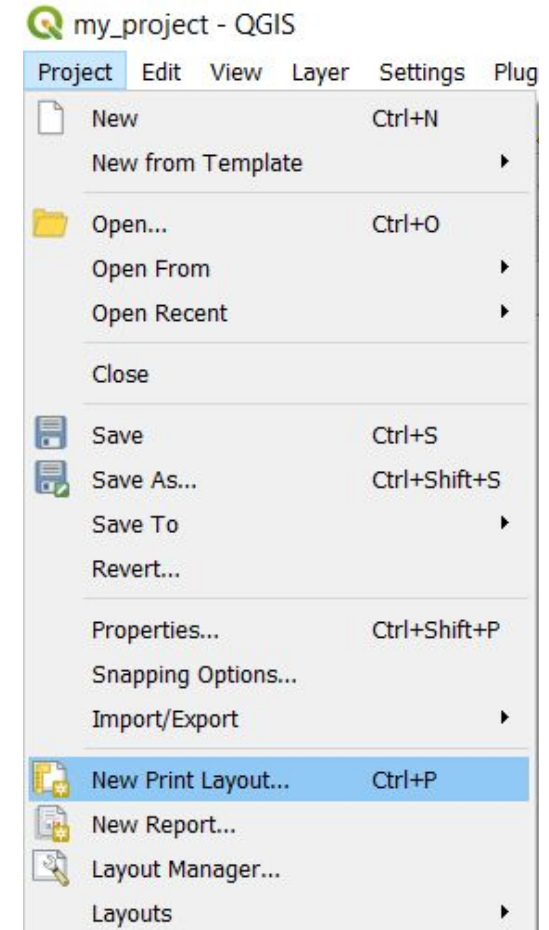
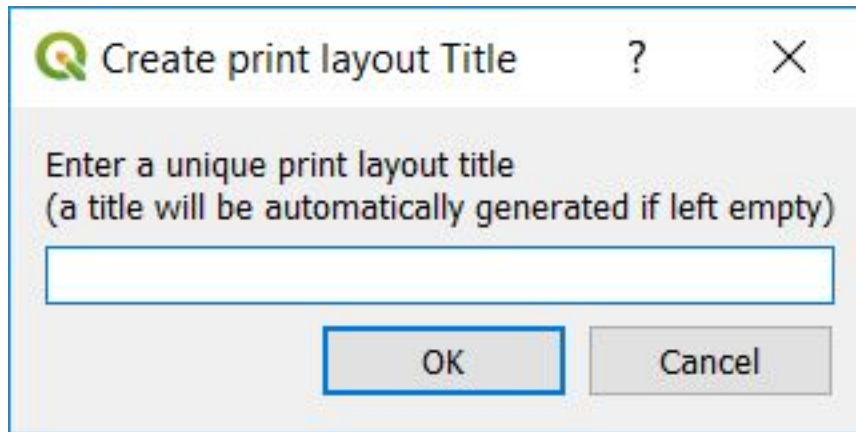
Print Layout

- Print layout saved to QGIS project file (.qgs)
- You can have many print layouts in a single project
- Print layouts can contain range of map items, including:
 - Maps
 - Attribute tables
 - Text
 - Images
 - Legends
 - Scale bars
- Layouts can be saved as templates
- Templates can be reused in different projects



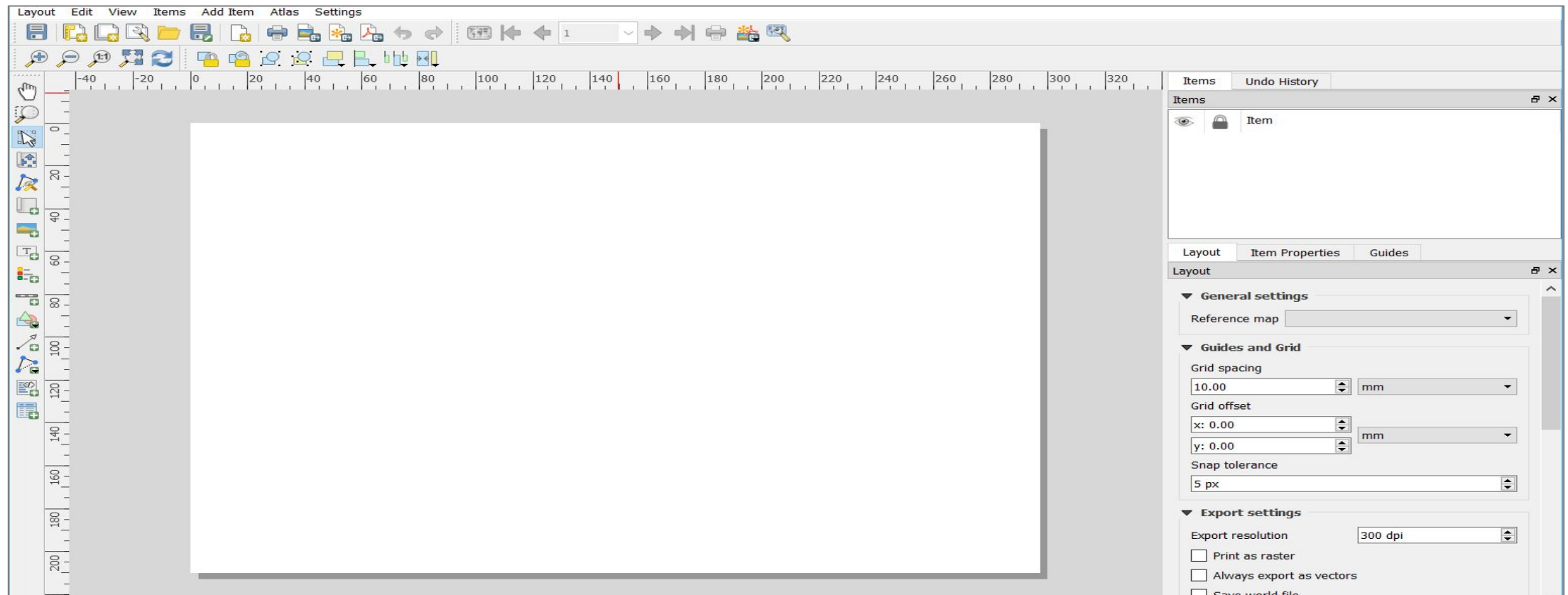
Create a new Print Layout

- Project > New Print Layout



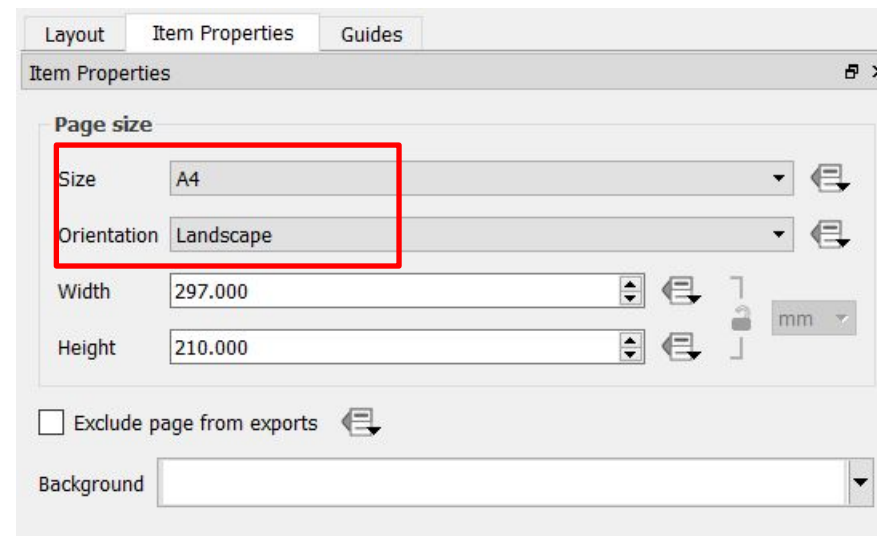
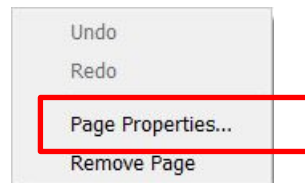
New Print Layout

- You have a new blank page to create the map



Page Properties

- Right-click on the canvas to change the page's properties
- Here you can change size and orientation



Contents



- Pan layout
- Zoom on the print layout
- Select / move item
- Move content for the selected item on the print layout
- Edit nodes – for example the nodes of an arrow
- Add New Map tool will add your current map
- Adds a picture (eg. a logo) to the print composer
- Add title and other text info (data sources)

Print Layout tools



- Add legend (for the layers in the map) to print layout
- Add scale bar (for the current map) to print layout
- Add a shape – rectangle, ellipse or triangle
- Add an arrow
- Add a polygon / polyline
- Add HTML
- Add an attribute table

Print Layout - Items

- Map
- Title
- Legend
- Scale bar
- North arrow
- Publication date
- Data sources
- Overview map

OVERIJSSELSCH E VECHT BENEDEN REGGE

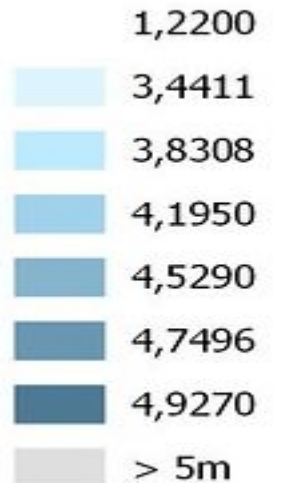
[Coloured relief < 5m]



0 100 200 300 400 500 M



Hoogten in meters
boven N.A.P.



Print Layout – Items

- Items added to map will appear in the Items section
- Option to set the visibility
- Option to ‘lock’ your item
- Right-click for **Item Properties**



Item Properties

- Properties to be set depends on the item:
- Legend properties - title, alignment, legend items
- Scale bar: style and units
- Map - scale, rotation
- Shapes: style

Item Properties

Legend

▼ **Main properties**

Title

Title alignment **Left**

Map Map 2

Wrap text on

Resize to fit contents

▼ **Legend items**

Auto update Update all

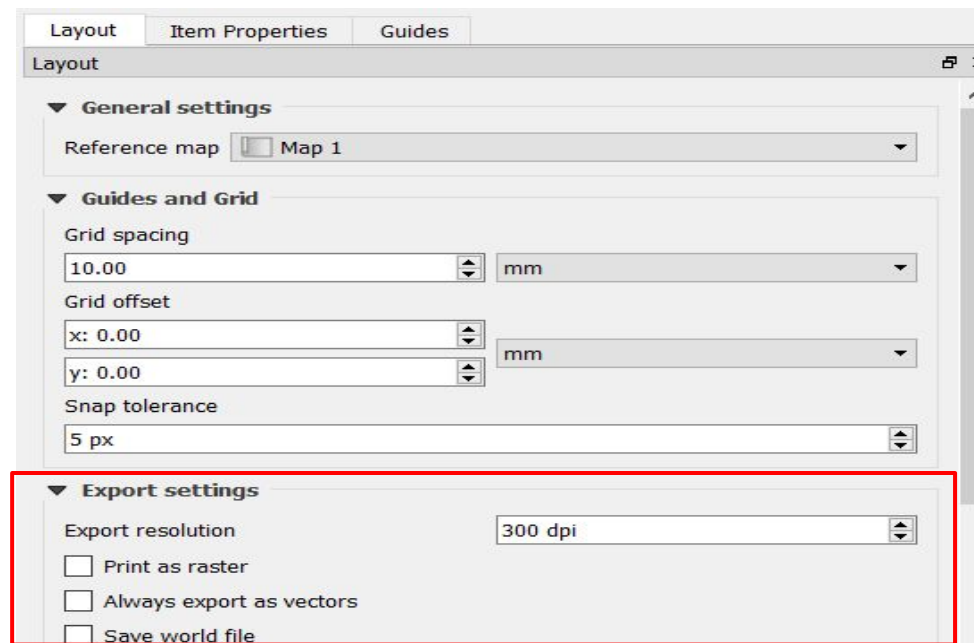
▼ **Settlements**

- 21 - 6176
- 6176 - 22075
- 22075 - 47885
- 47885 - 145018
- 145018 - 583958

Admin boundaries

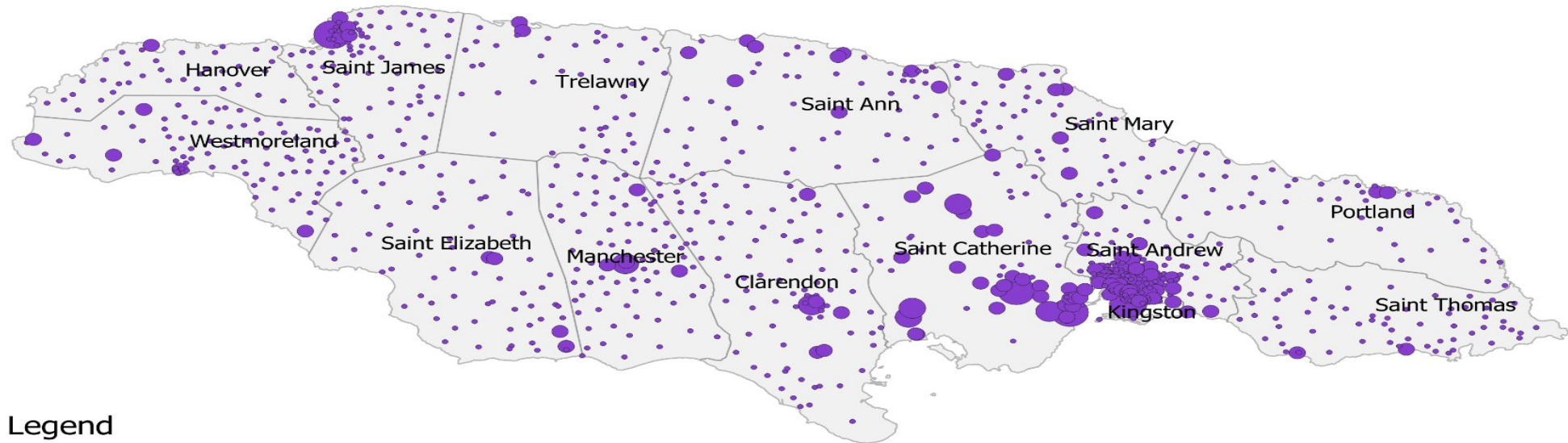
Export Map

- Export settings can be set in the Layout panel
- DPI - 300 dpi is needed for print quality
- Select Layout > Export as Image / SVG / PDF



Print Layout - Output

Jamaica settlements



Legend

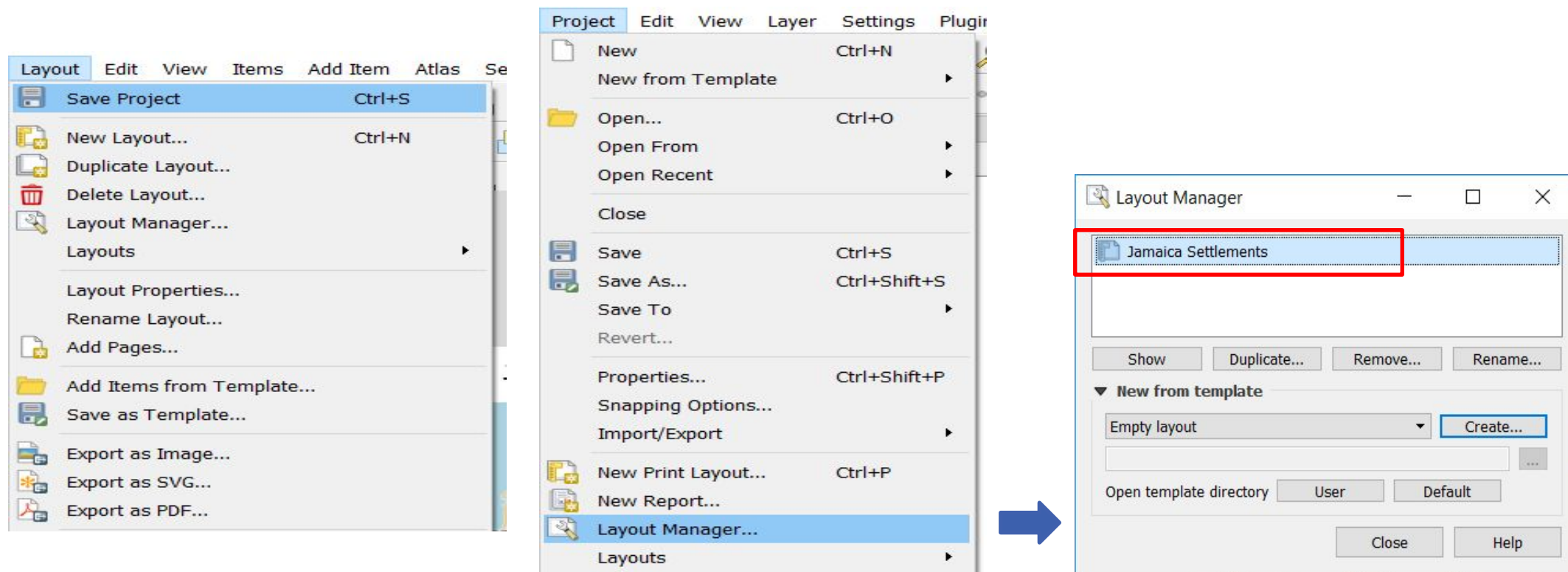
Settlements

-  21 - 6176
-  6176 - 22075
-  22075 - 47885
-  47885 - 145018
-  145018 - 583958
-  Admin boundaries



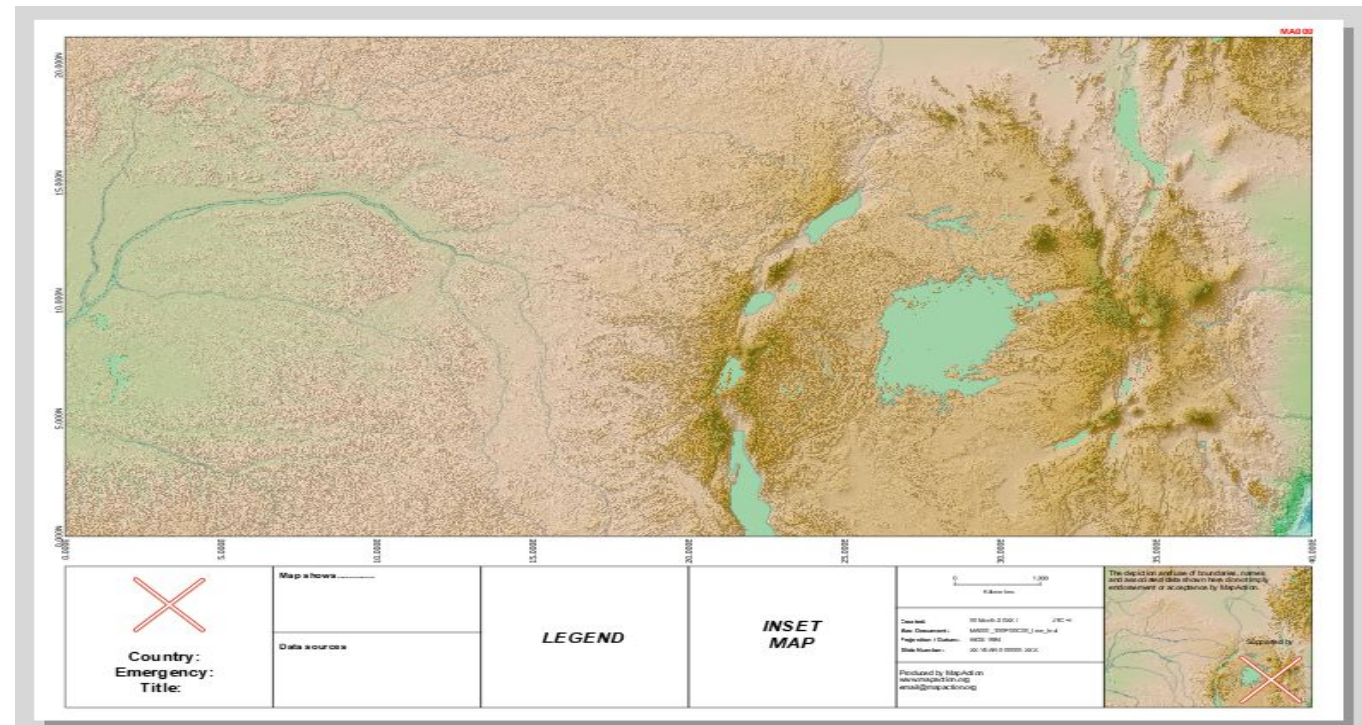
Print Layout – Save & Load

- Save Print Layout – Layout > Save Project
- Load saved project – Project > Layout Manager



Conclusion

- Looked at creating a map output
- Included looking at:
- Map elements
- Print Layout



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