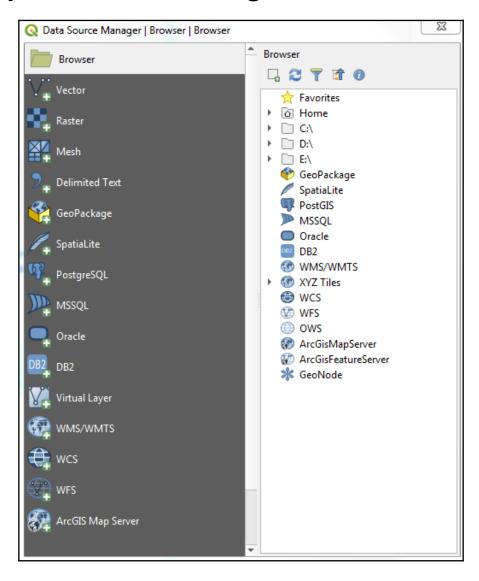
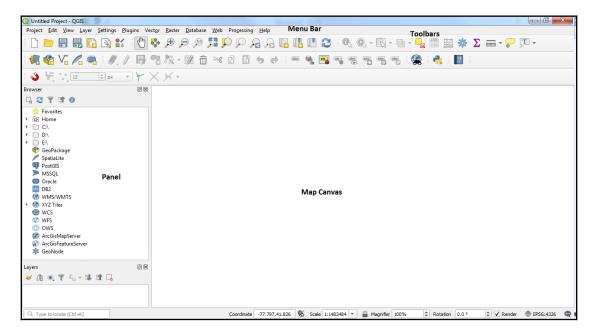
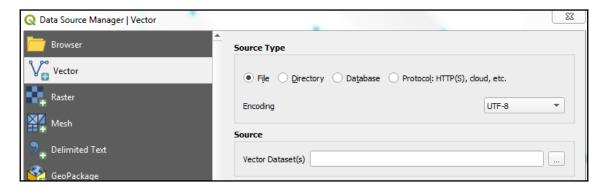
Chapter 1: A Refreshing Look at QGIS

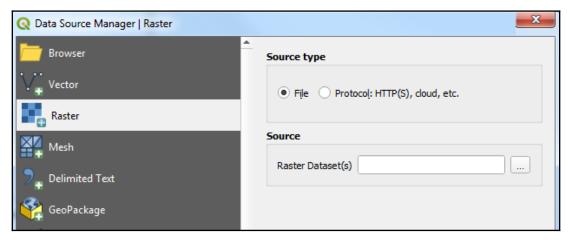




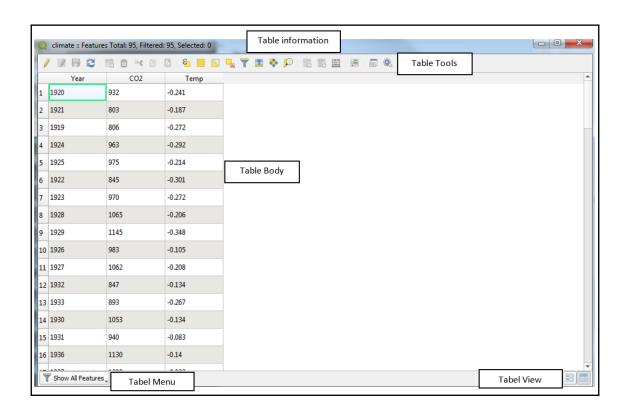


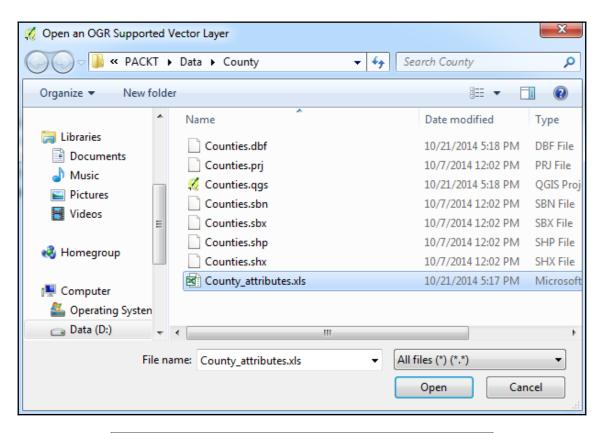




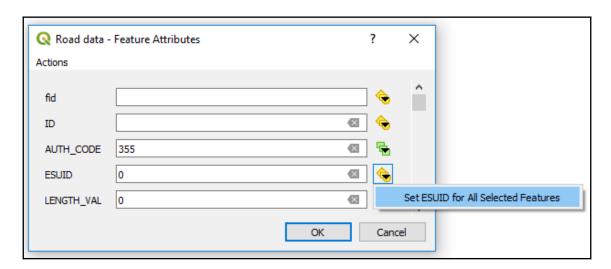


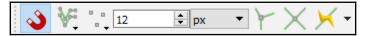


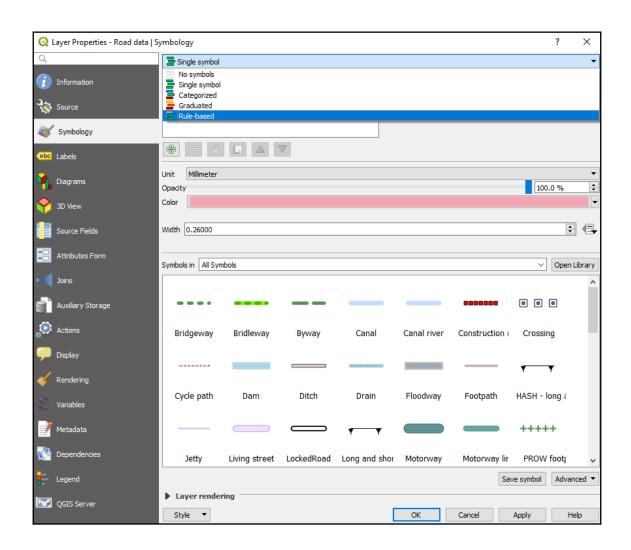


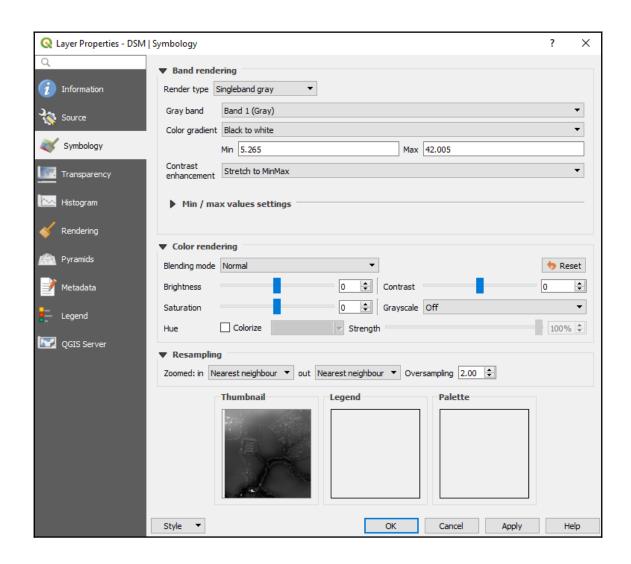


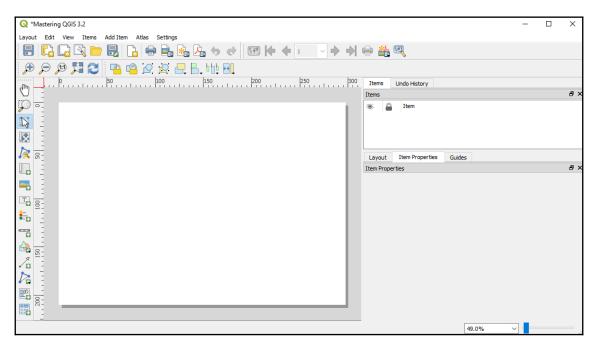


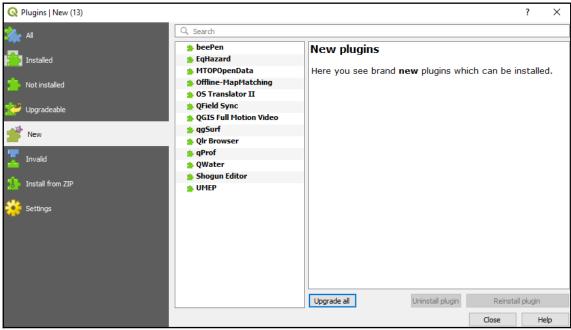




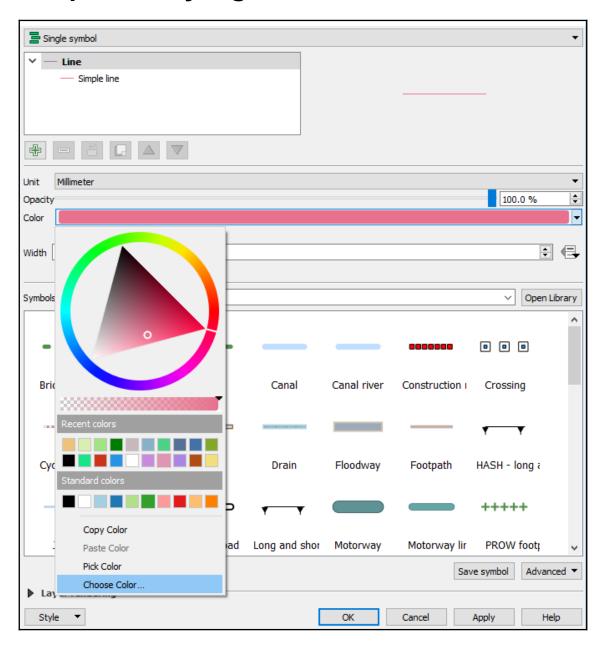


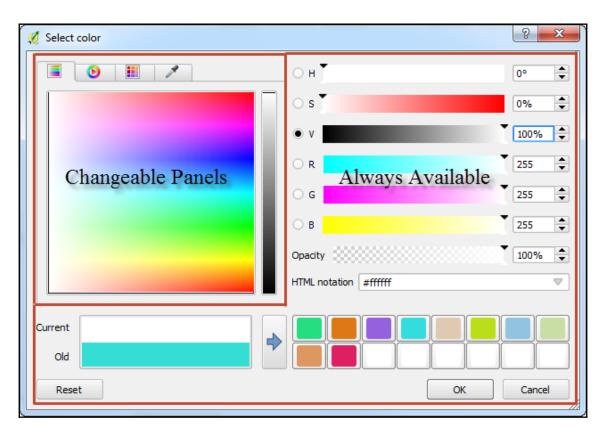




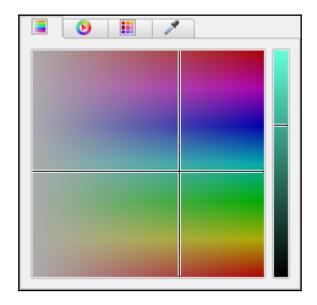


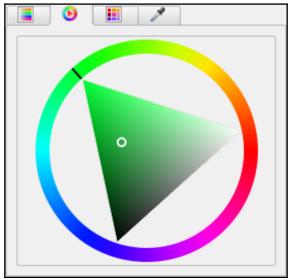
Chapter 2: Styling Raster and Vector Data

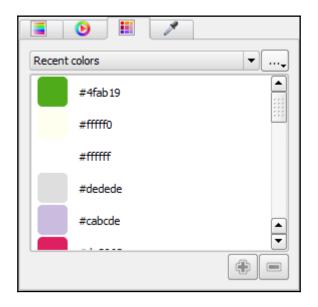


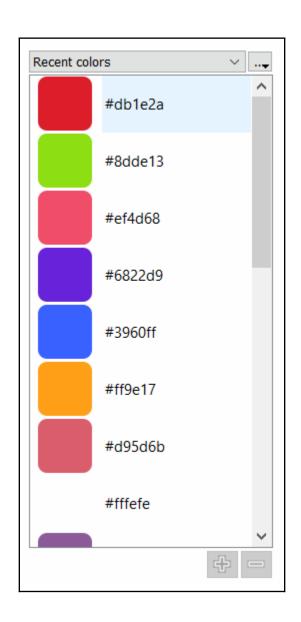


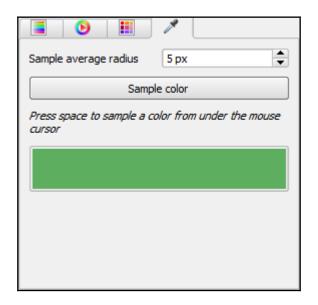


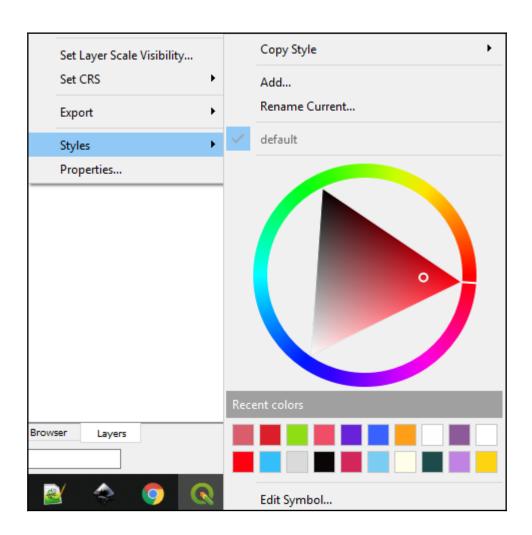


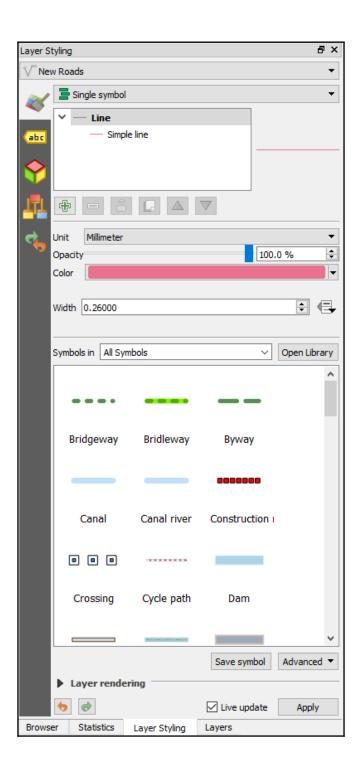


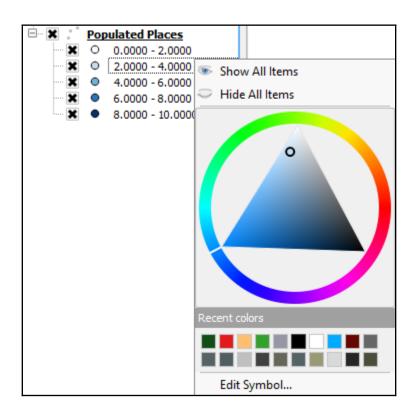


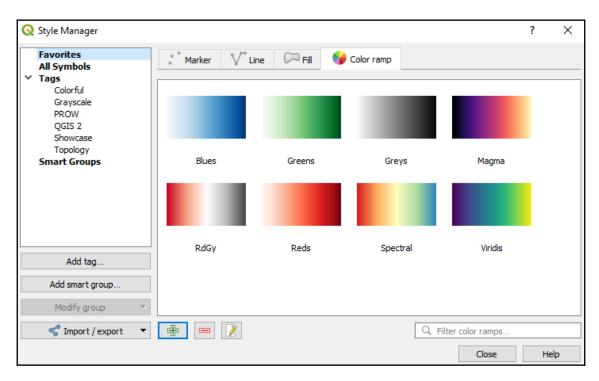


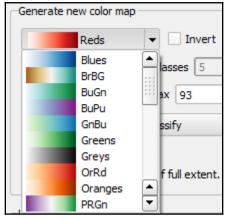


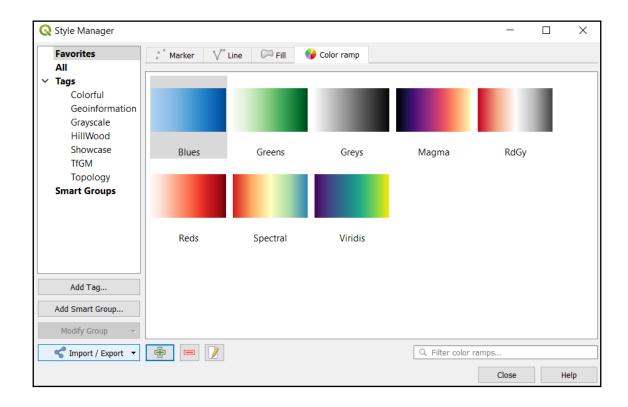


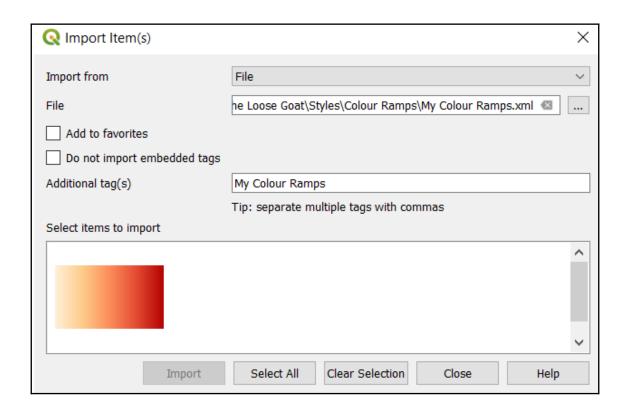


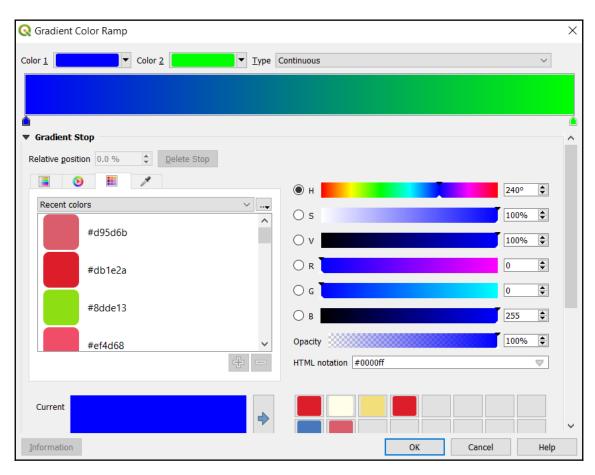


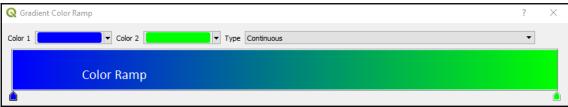


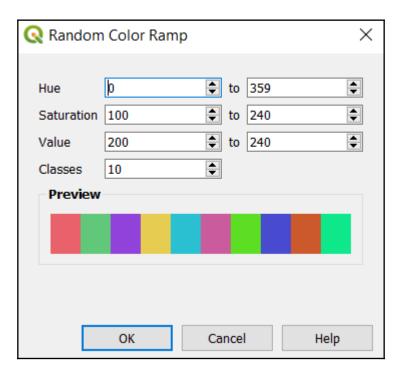


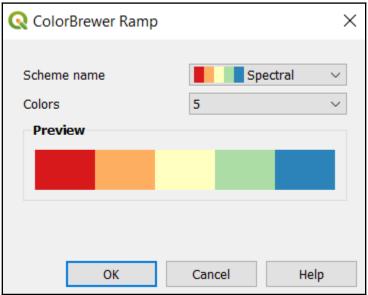


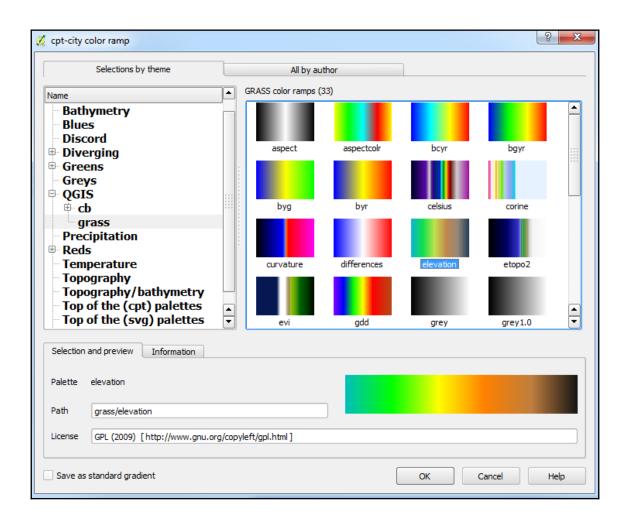


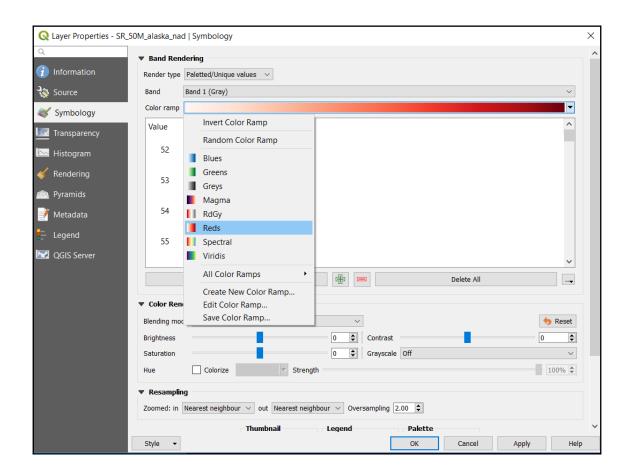




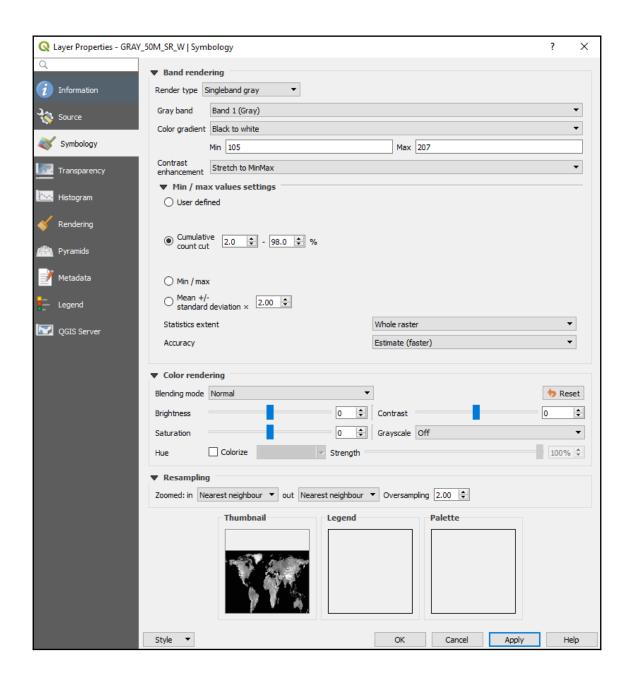


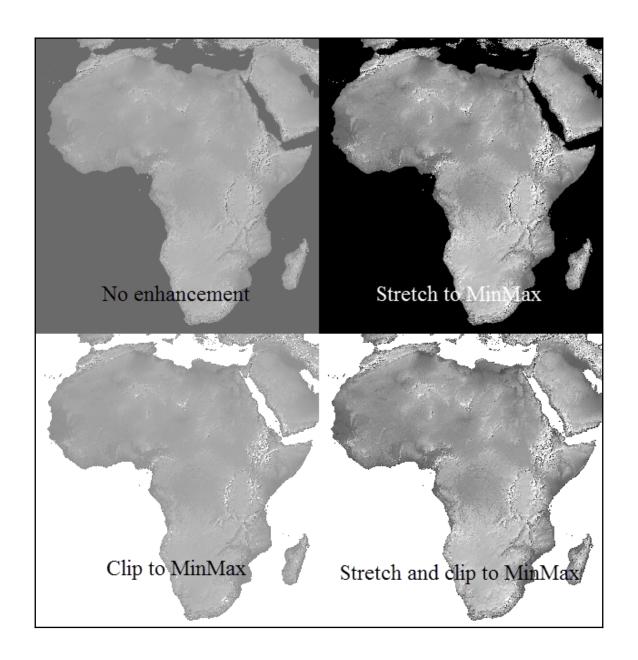


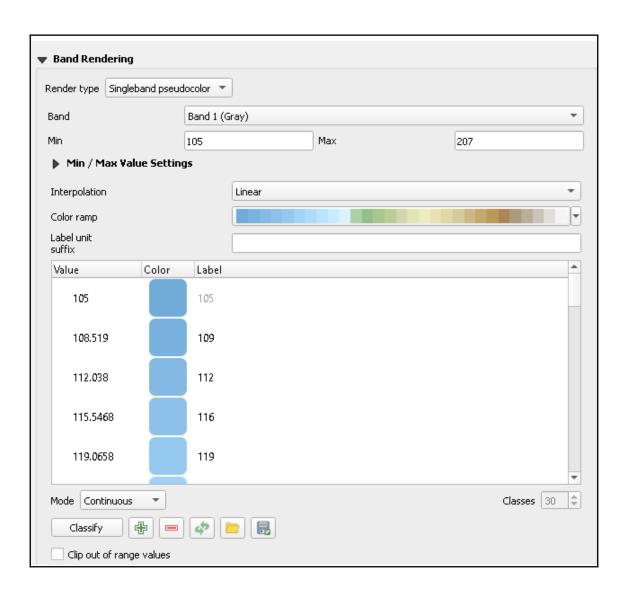


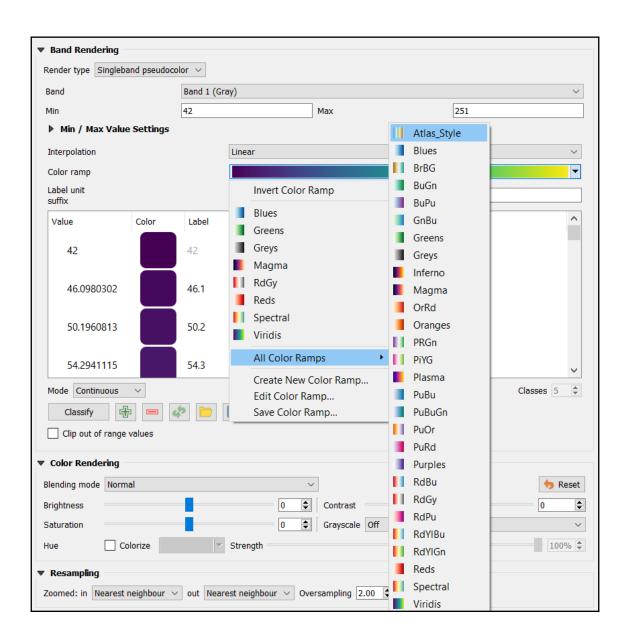


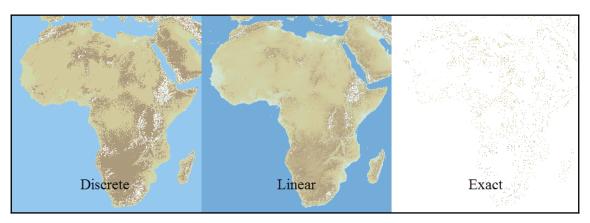




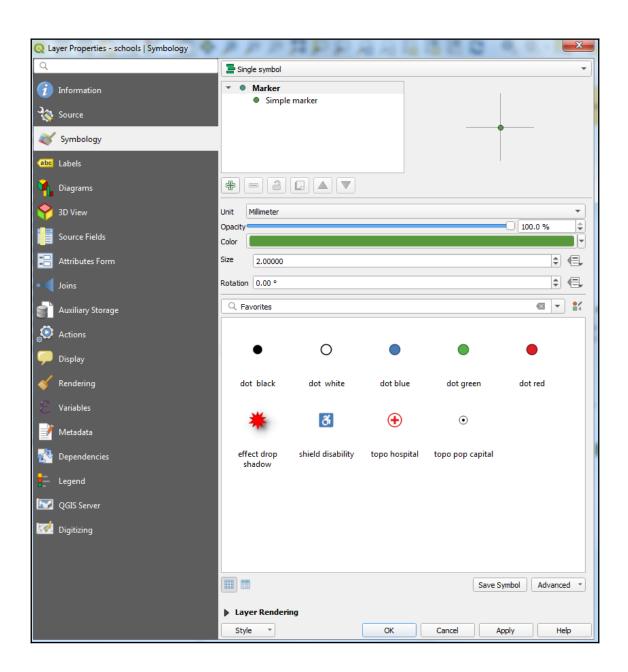


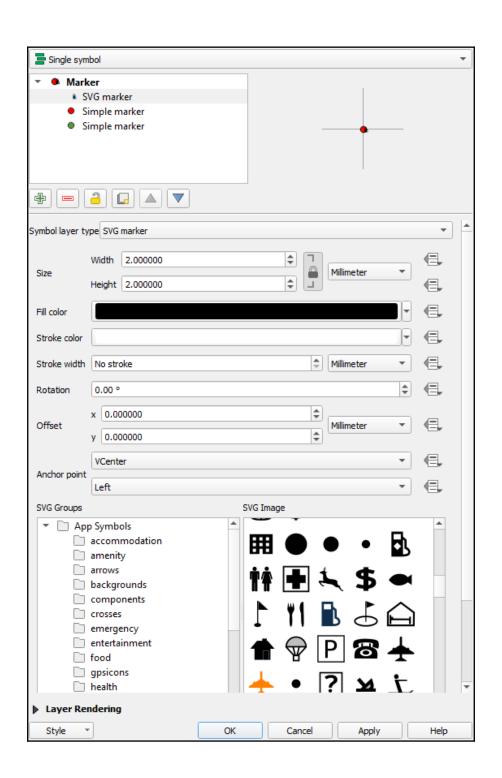


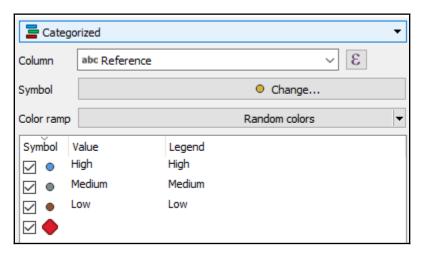


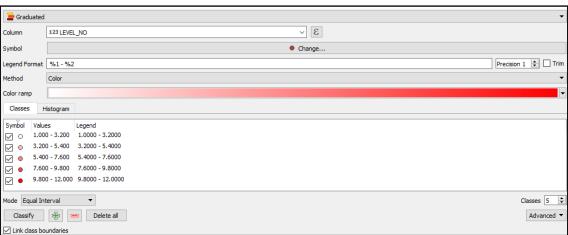


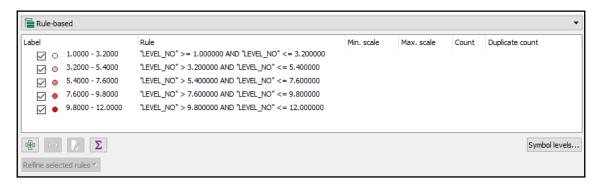
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Blending mode	Normal	•			♠ Reset
Brightness		0 1	Contrast =	 _	0
Saturation		0	Grayscale	Off	•
Hue	Colorize	▼ Streng	th ====		□ 100% 🕏
▼ Resampling					
Zoomed: in Ne	arest neighbour	▼ out Nearest ne	eighbour	Oversampling	2.00



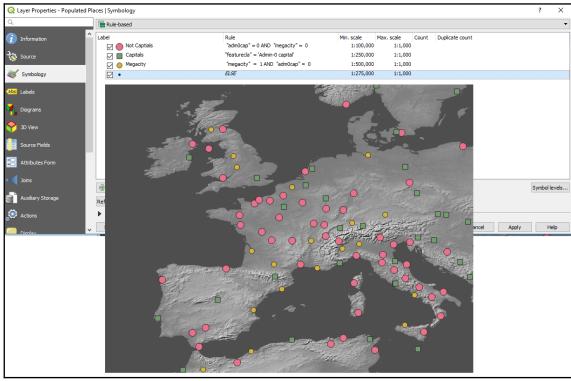


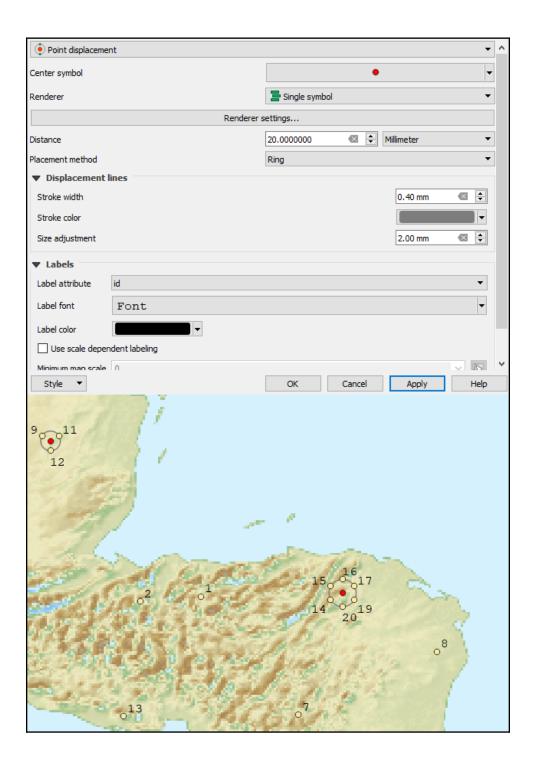




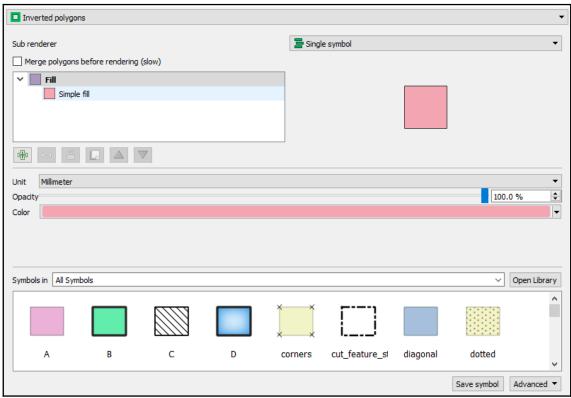


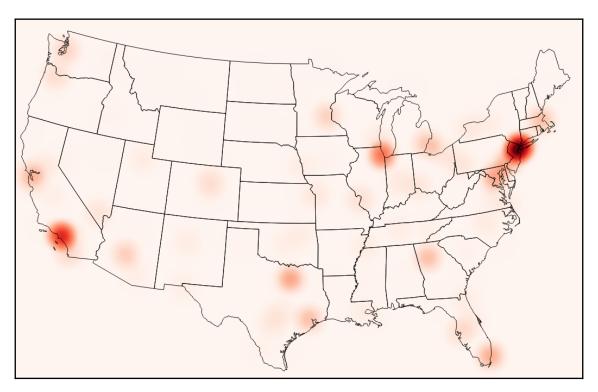


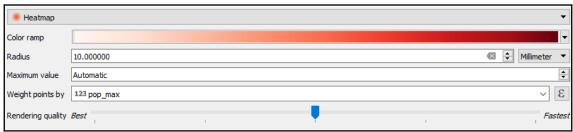


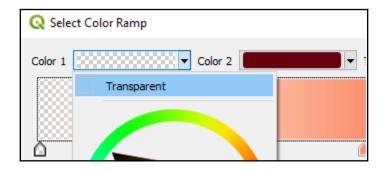


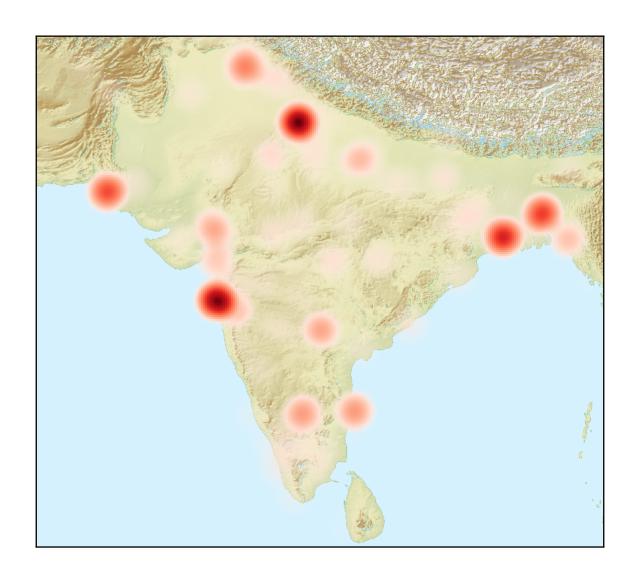


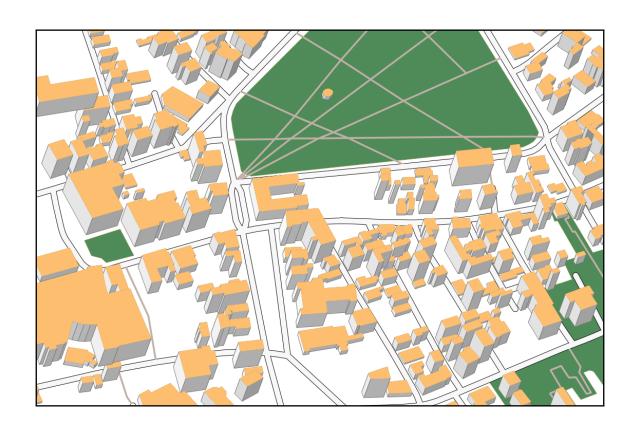


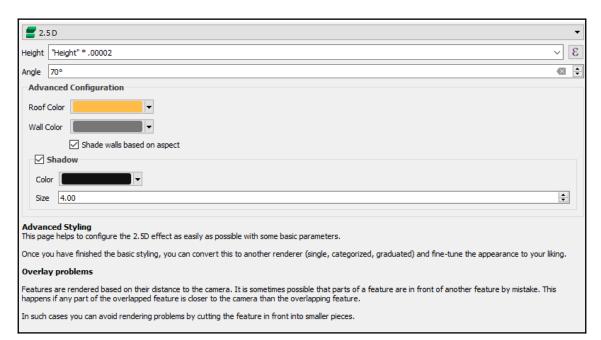




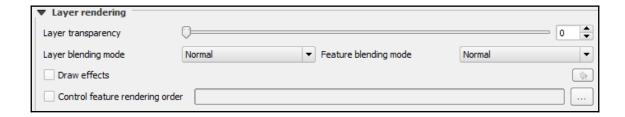


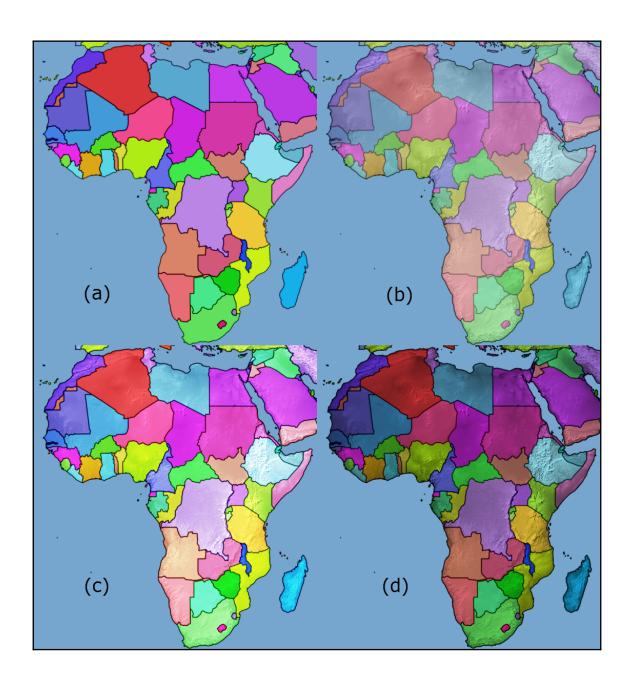


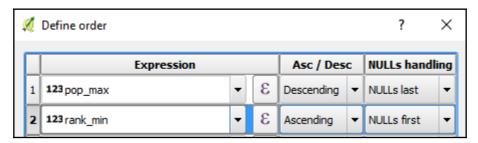


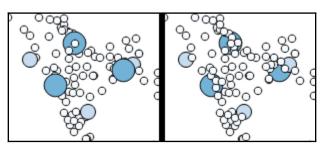




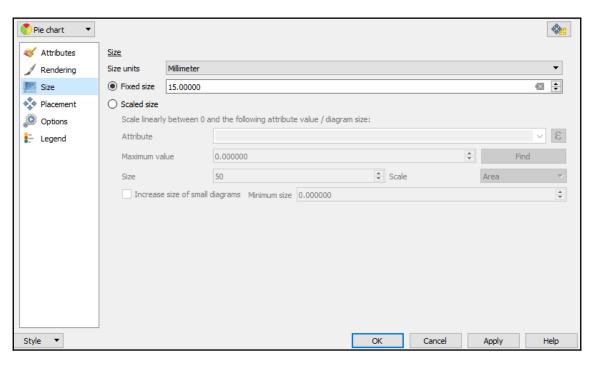


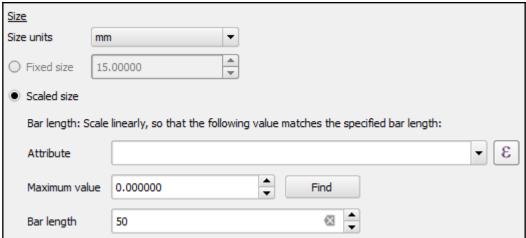


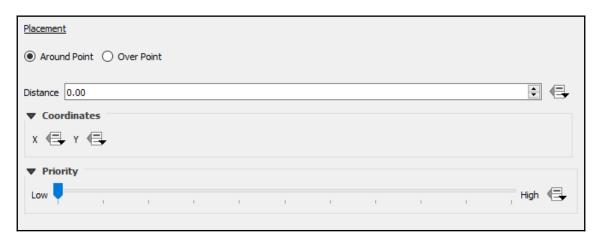


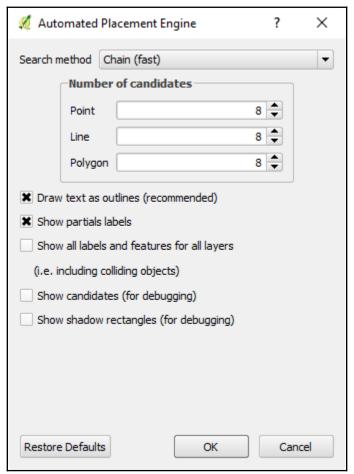




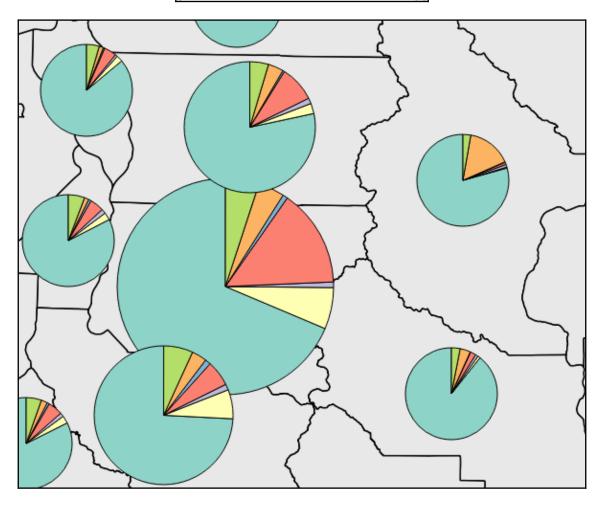


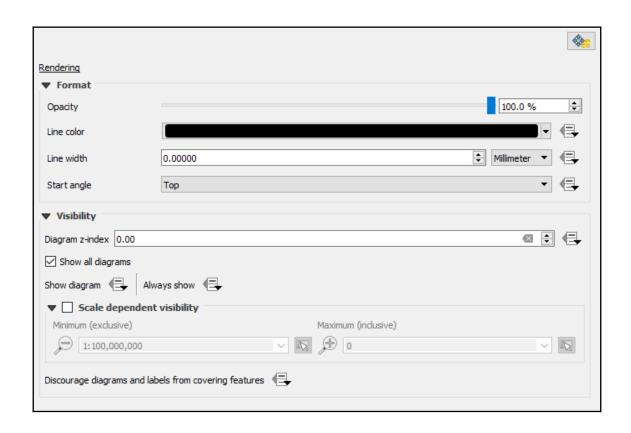


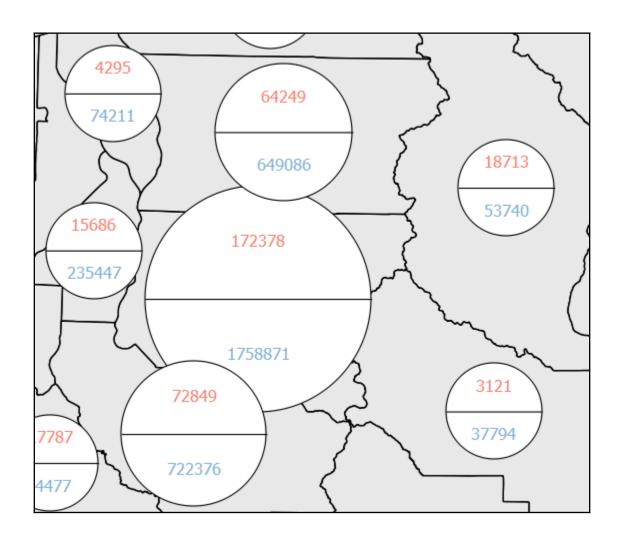


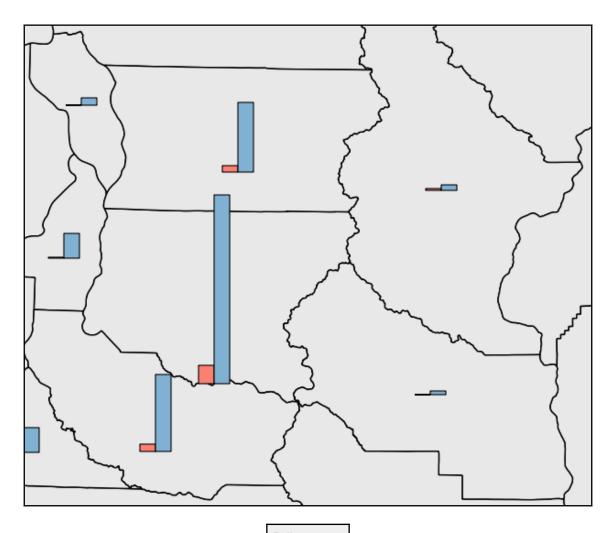


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"Black"		Black
"NativeAm"		Native American
"NativeHI"		Native Hawaii
"Asian"		Asian
"Other"		Other





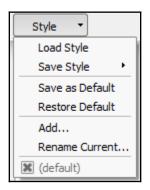




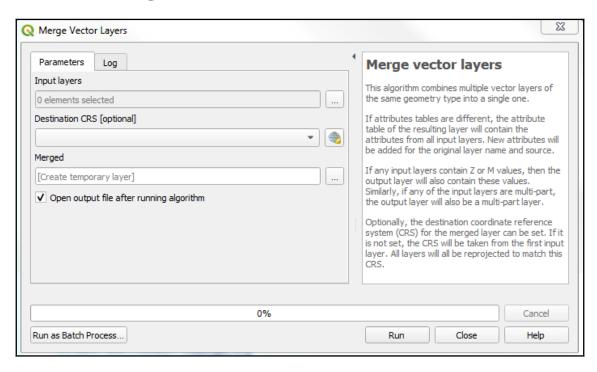
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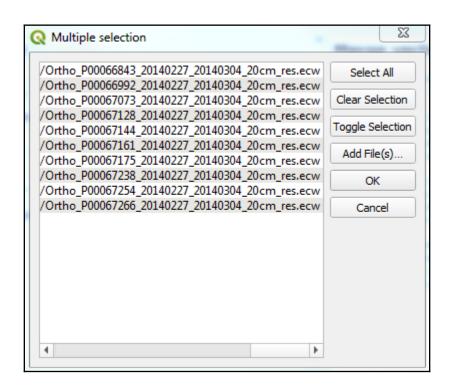
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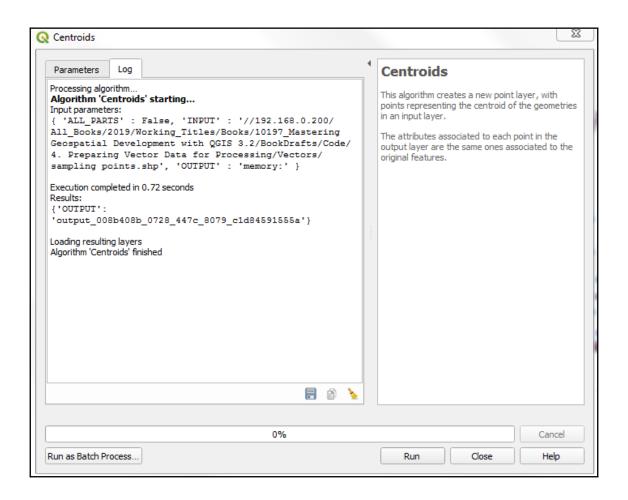
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- O Down
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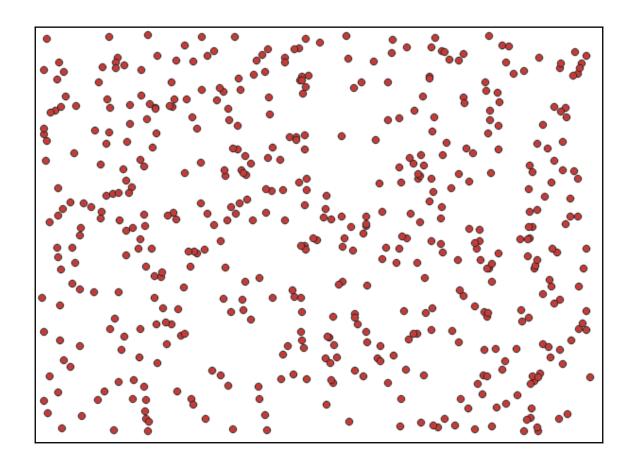


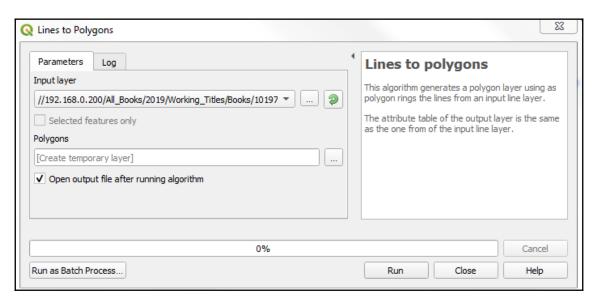
Chapter 4: Preparing Vector Data for Processing

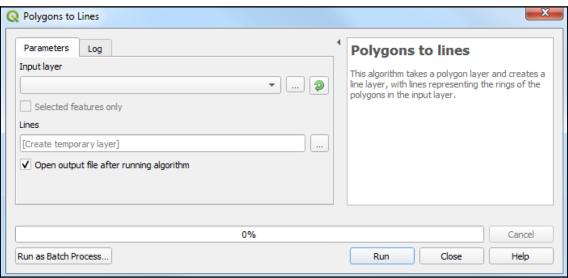


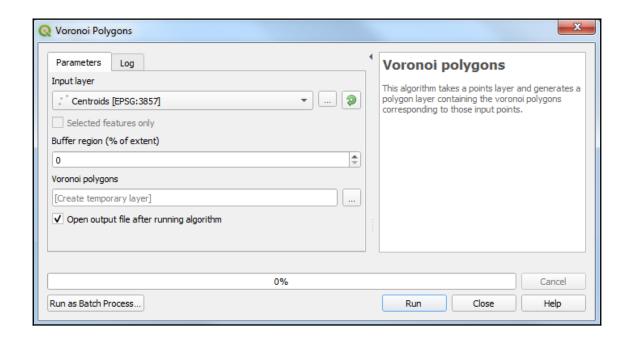


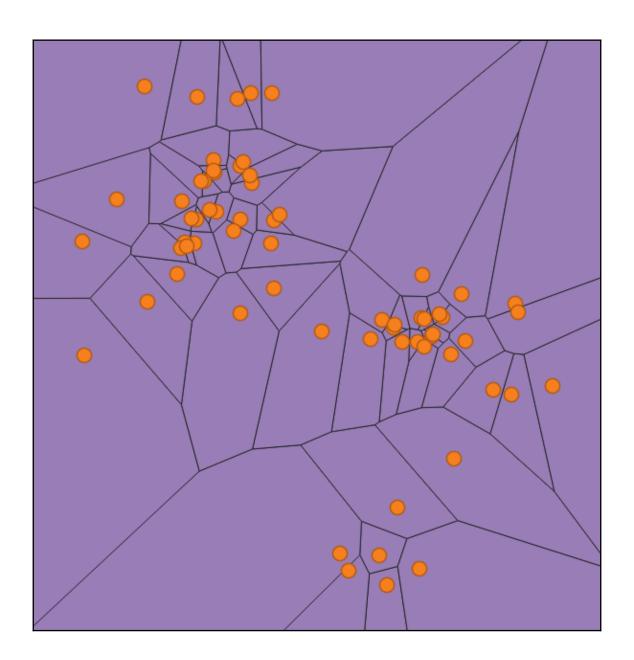


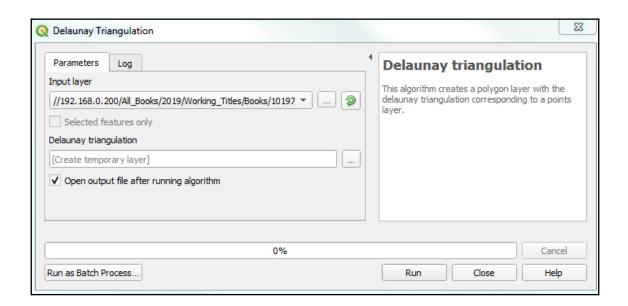


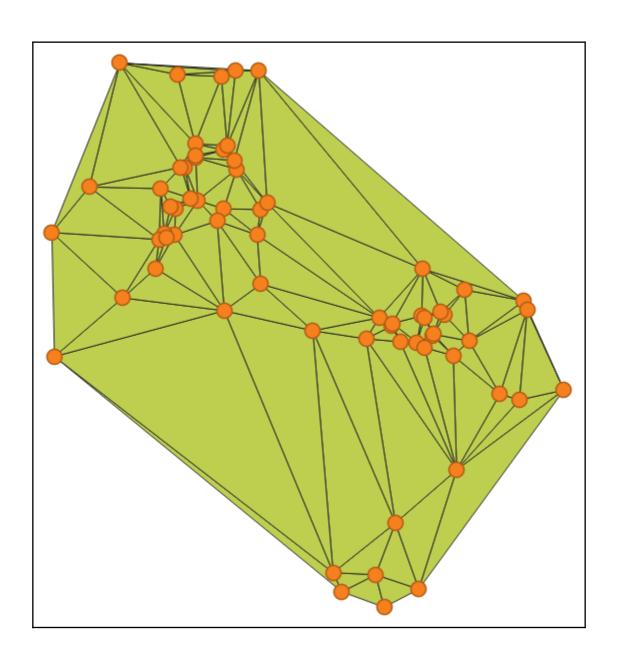


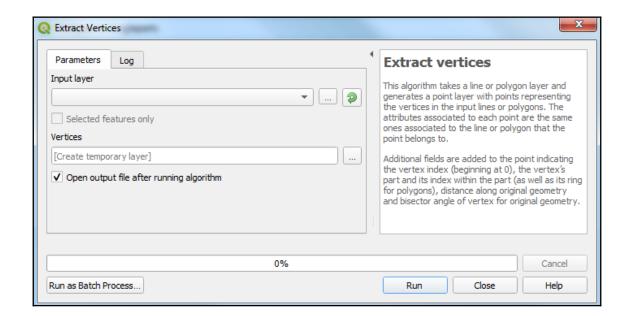


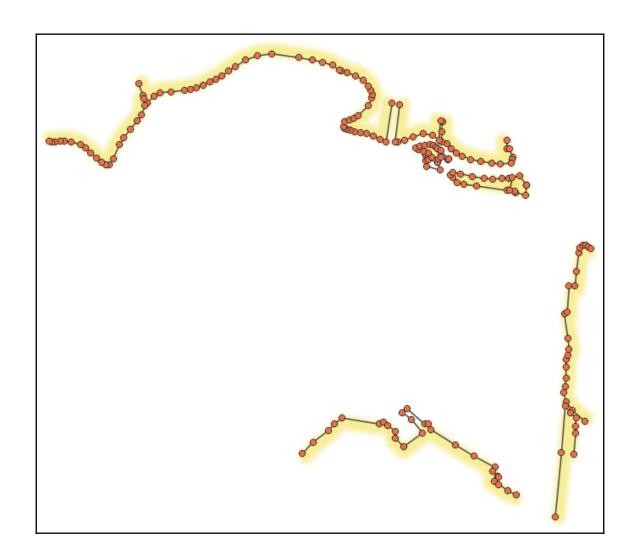


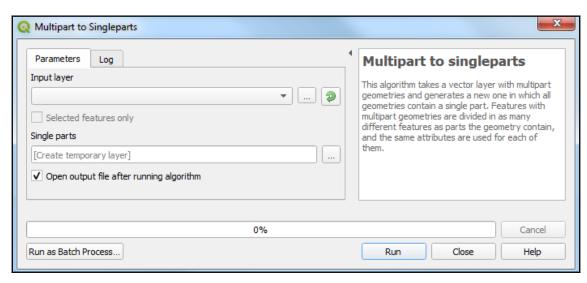


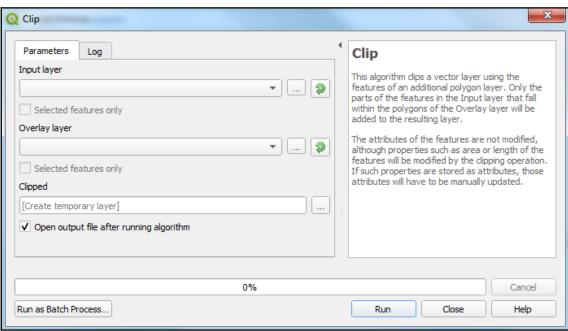


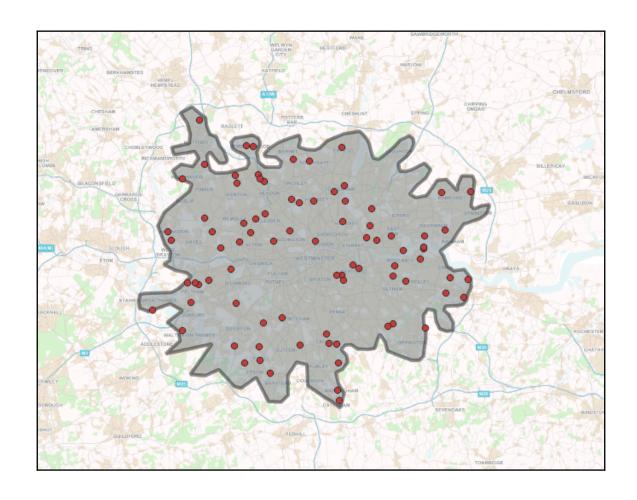


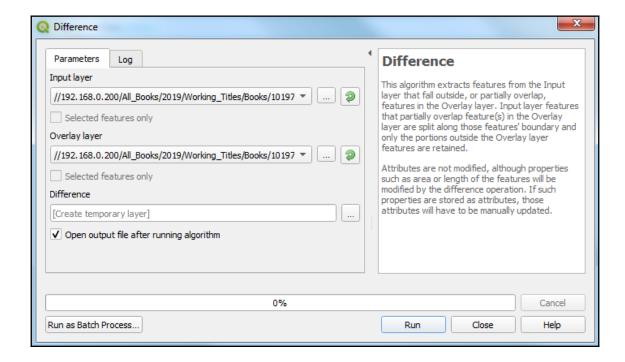


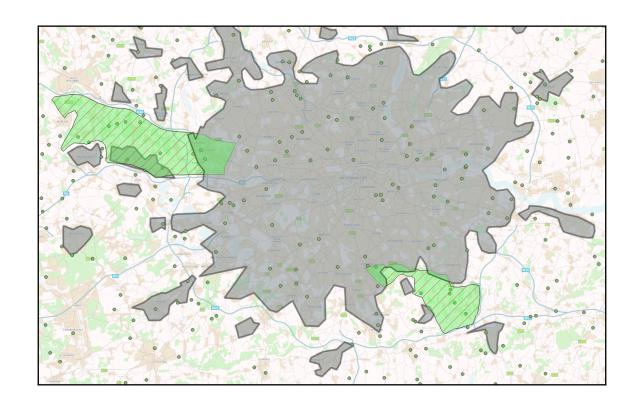


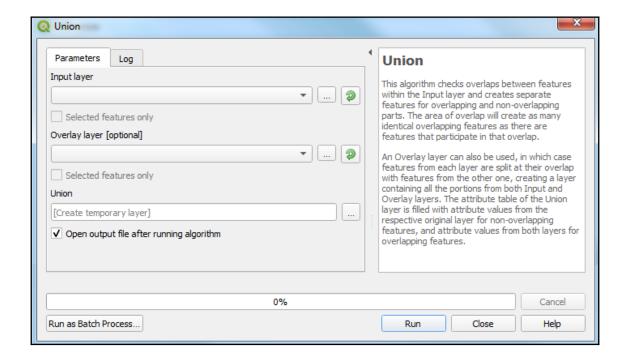


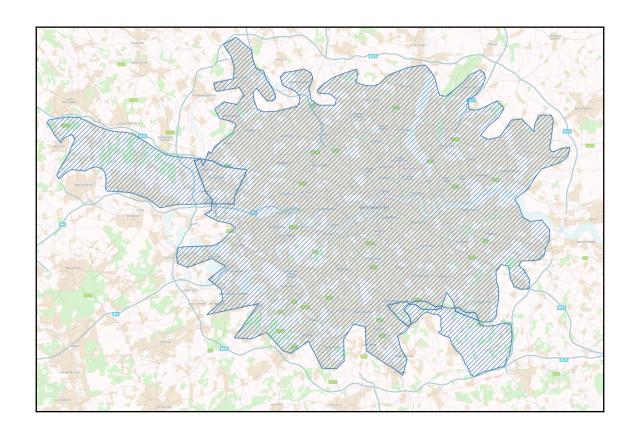


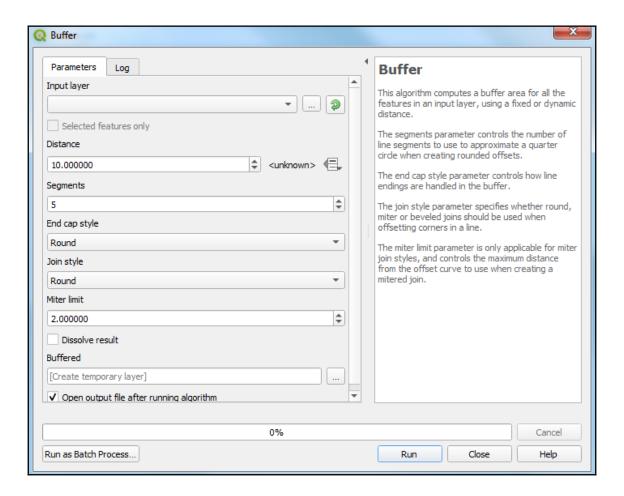


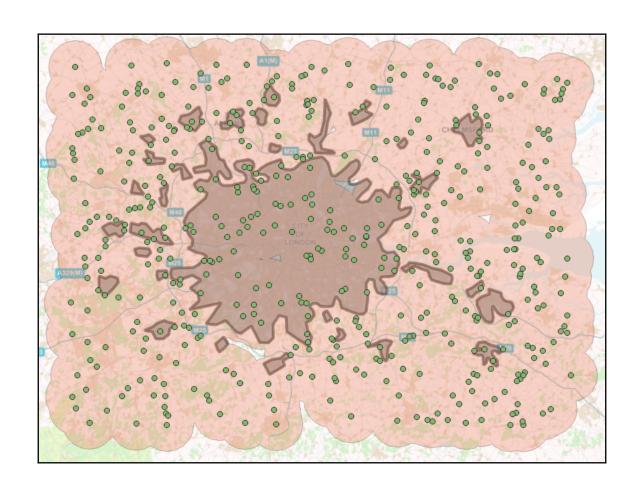


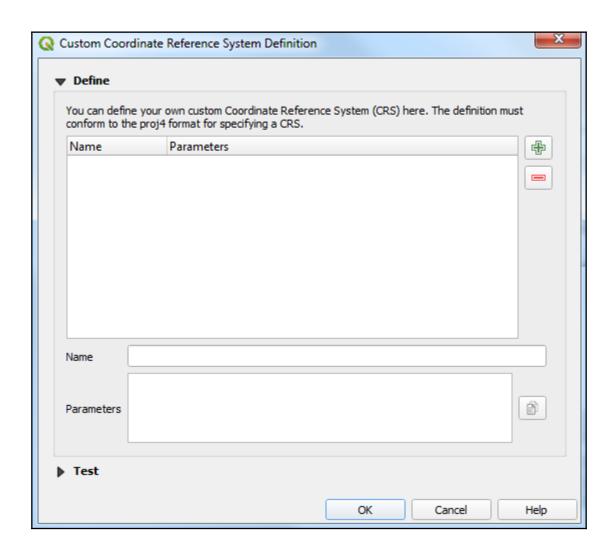




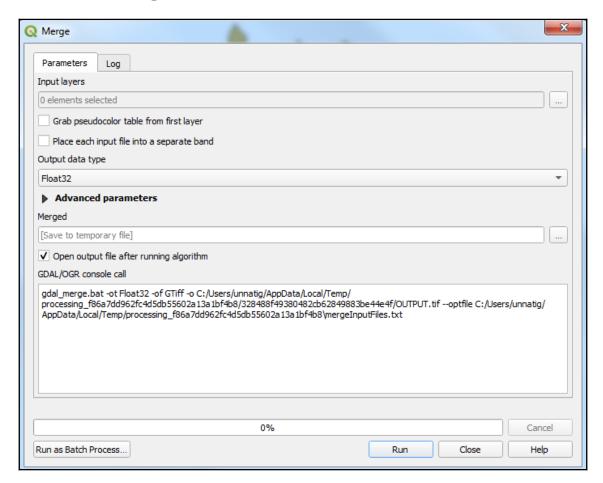




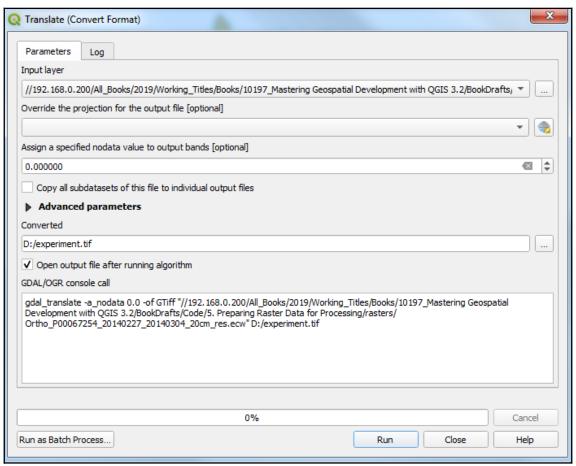


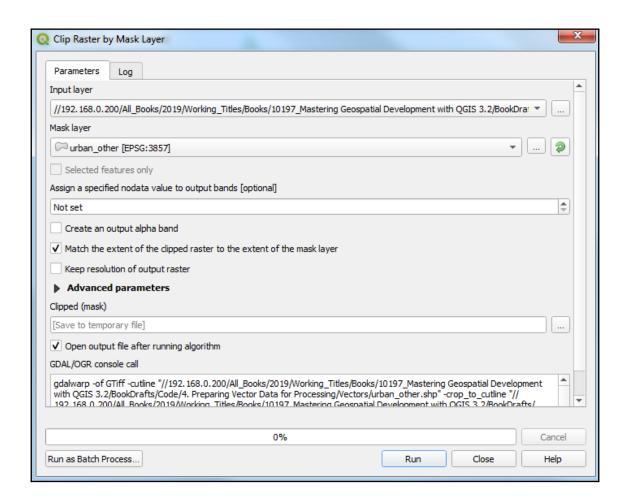


Chapter 5: Preparing Raster Data for Processing

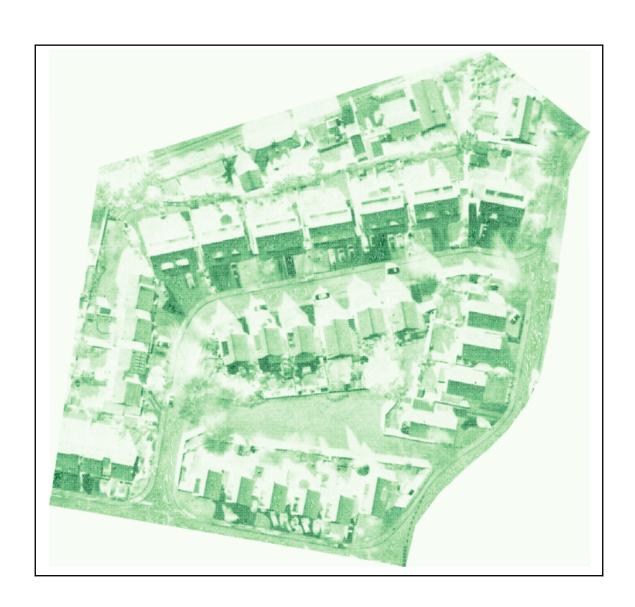


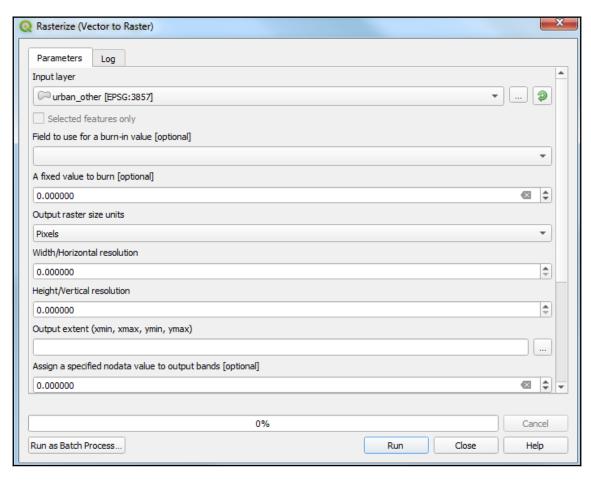


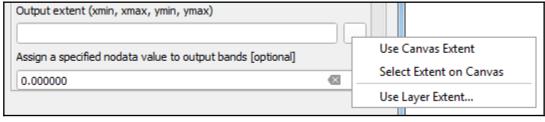


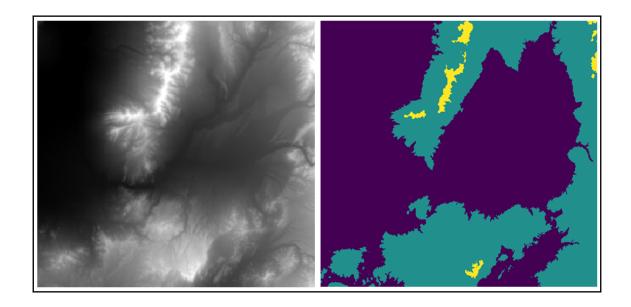




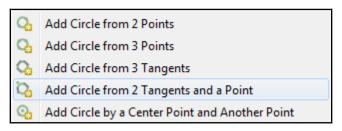


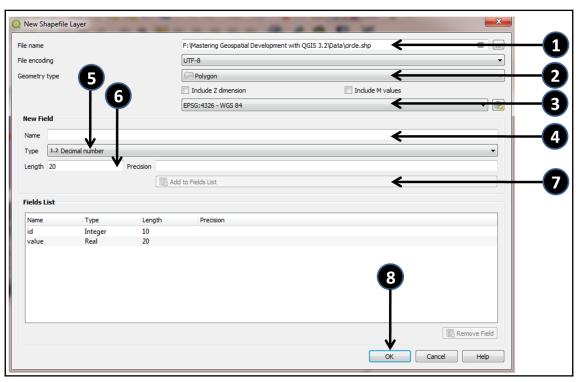


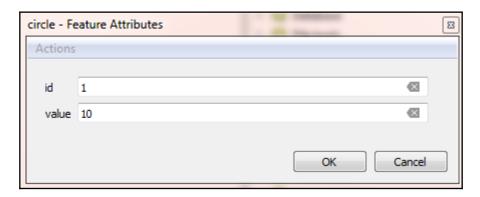


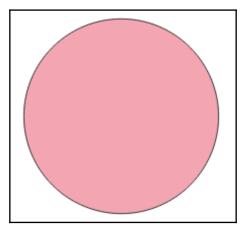


Chapter 6: Advanced Data Creation and Editing

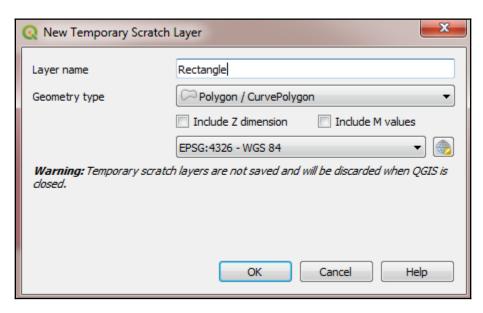




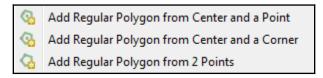


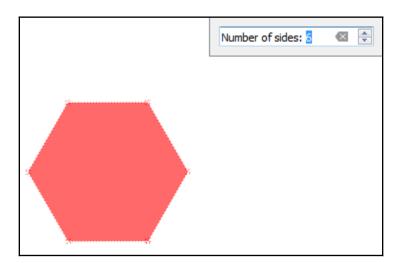


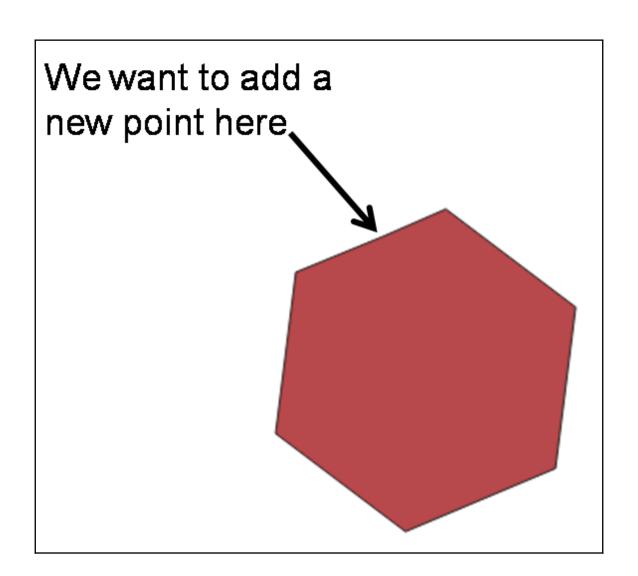
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Add Rectangle from Center and a Point
Add Rectangle from 3 Points

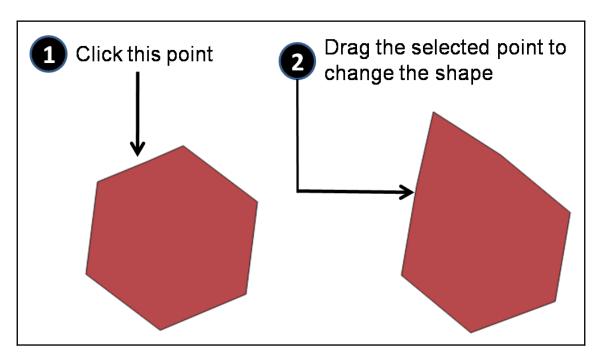




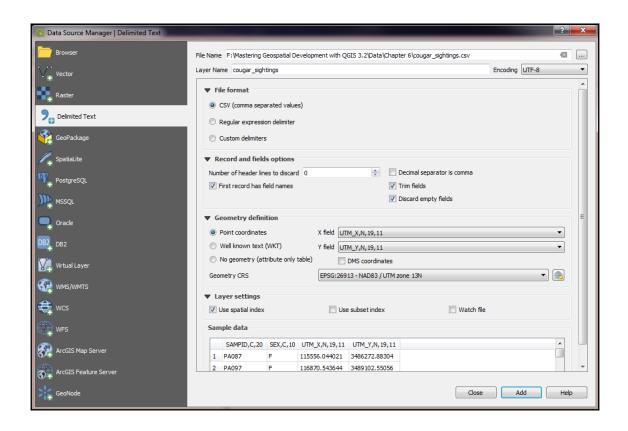


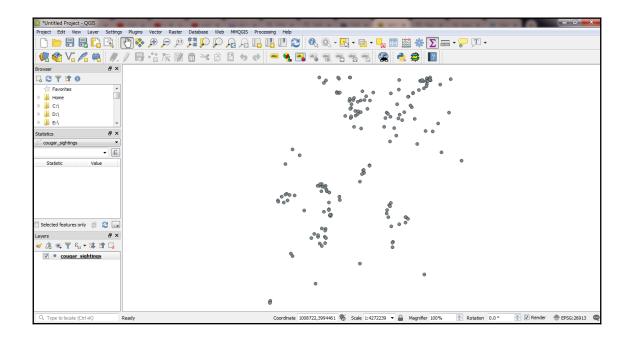


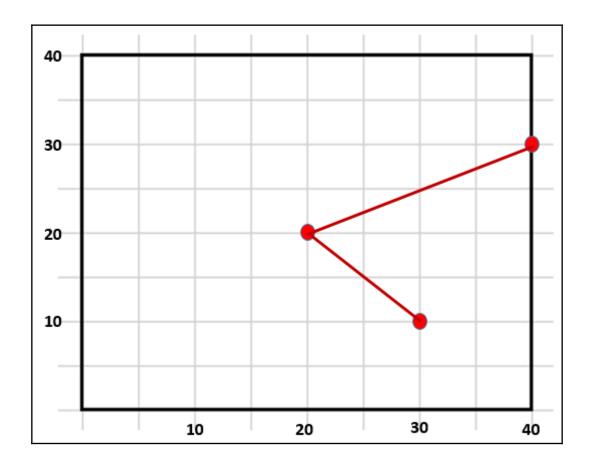


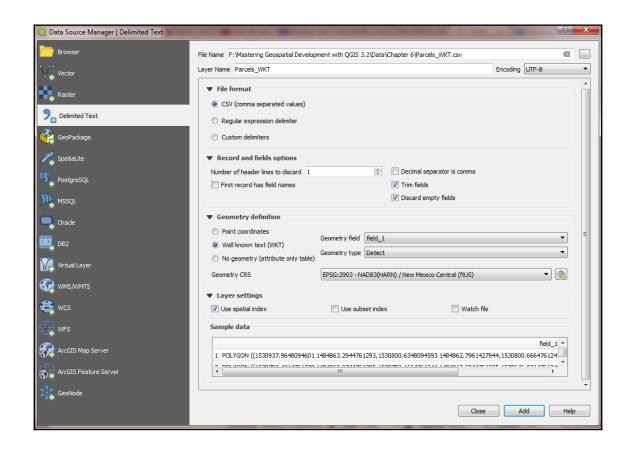


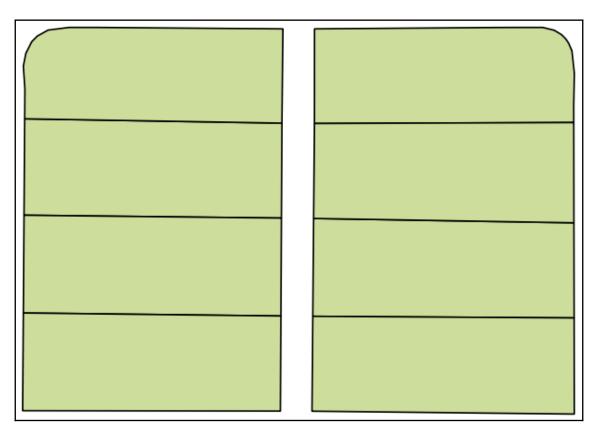
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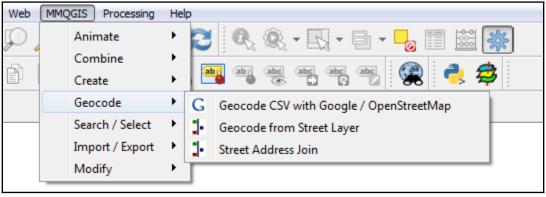


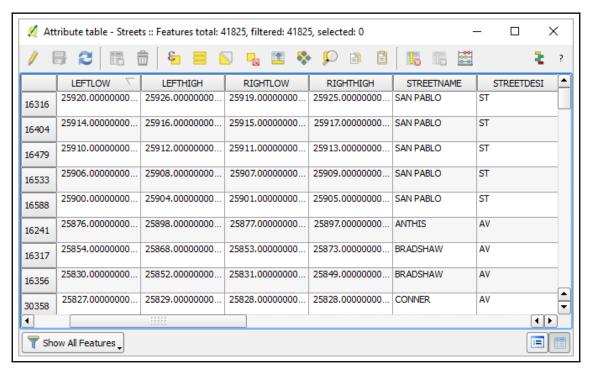




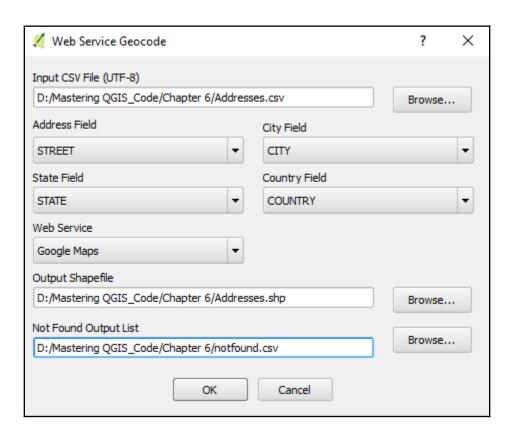


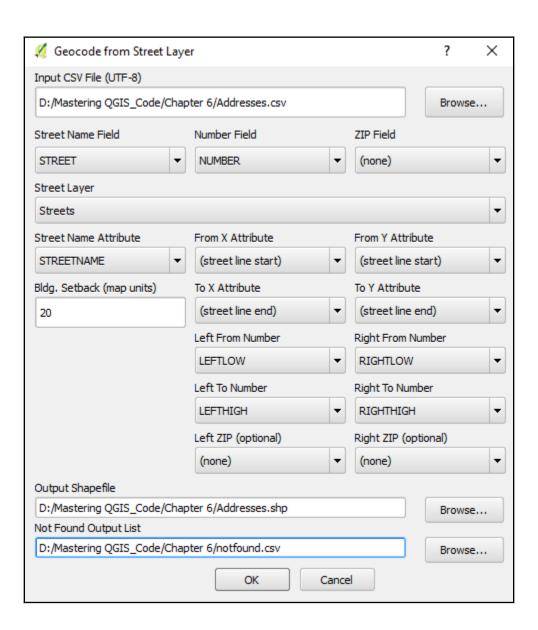


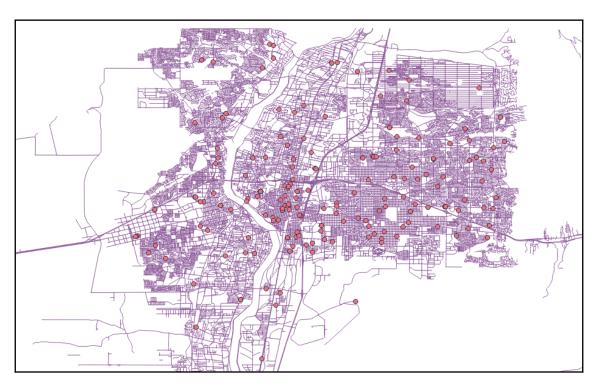


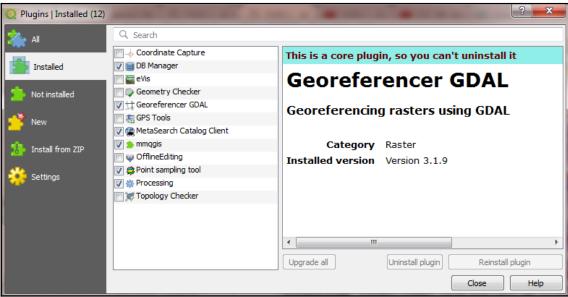


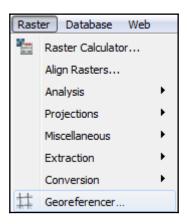


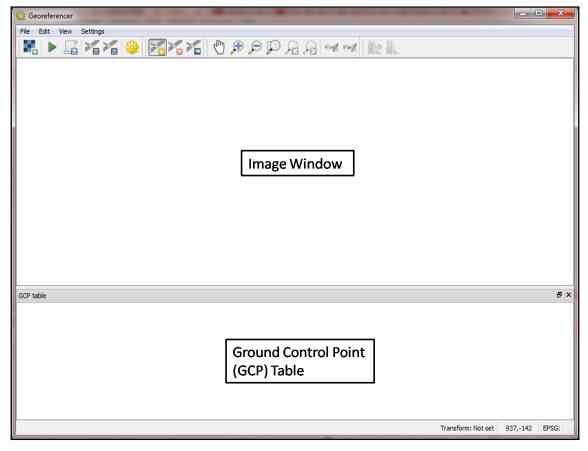


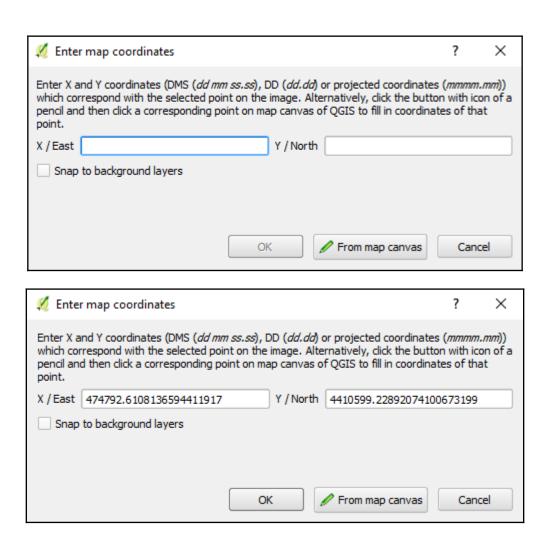


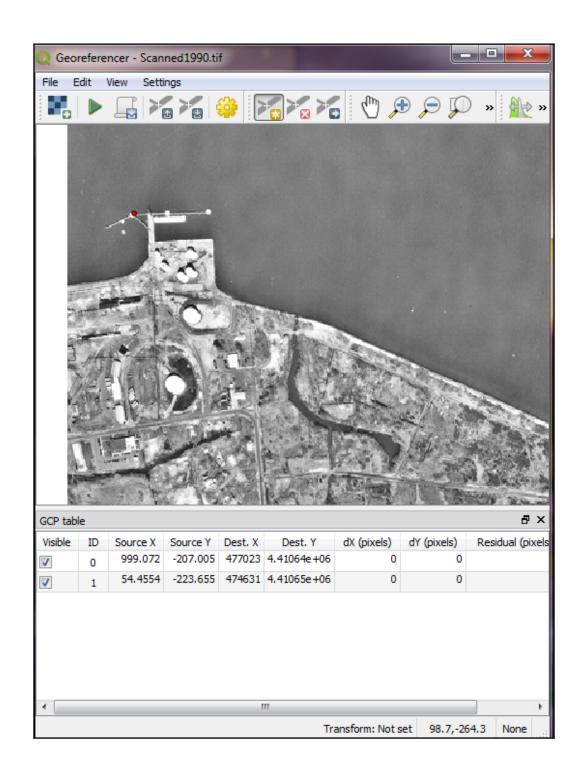


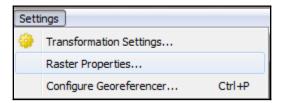


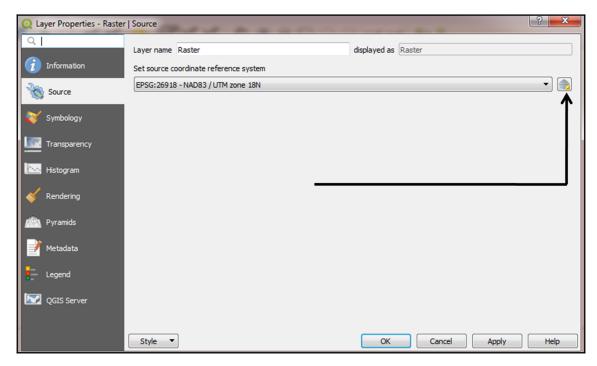


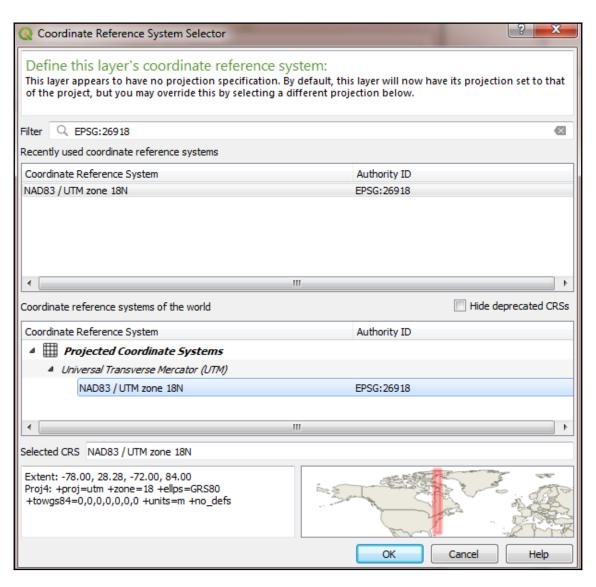








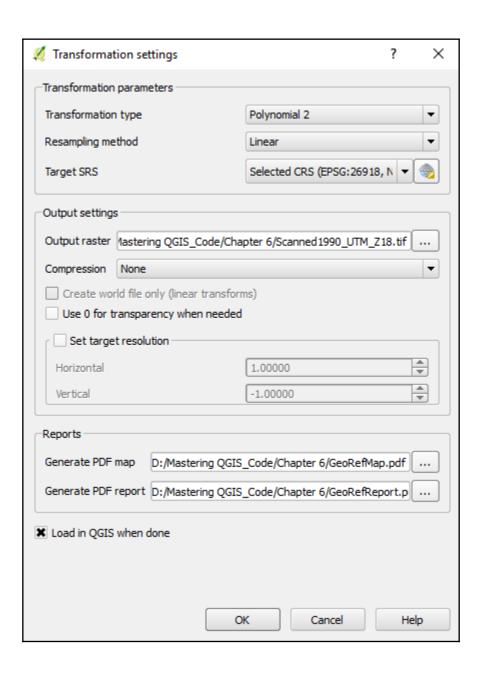


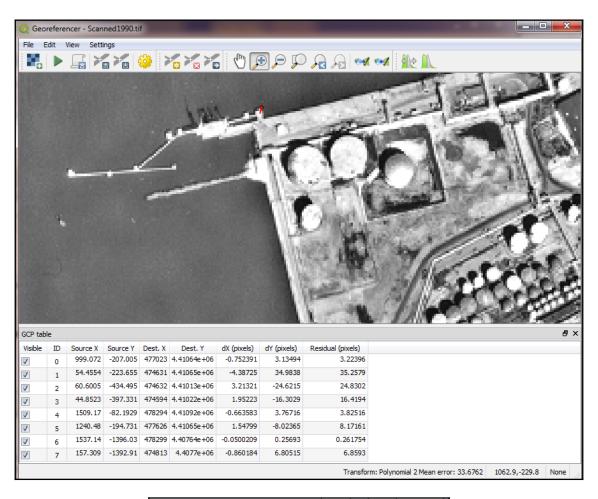


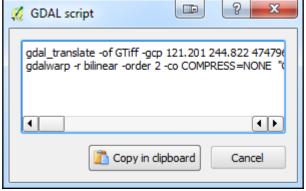


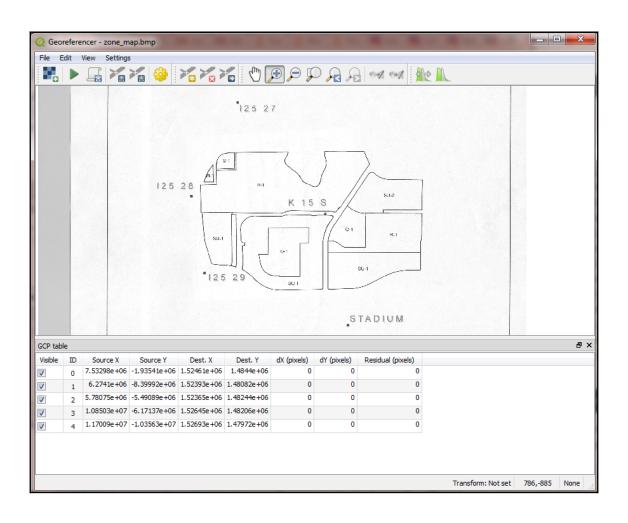
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Create world file	Polynomial 3 Thin Plate Spline Projective	

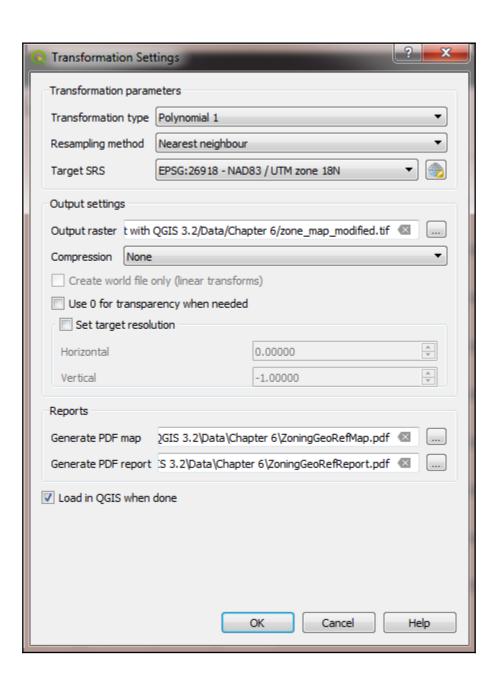
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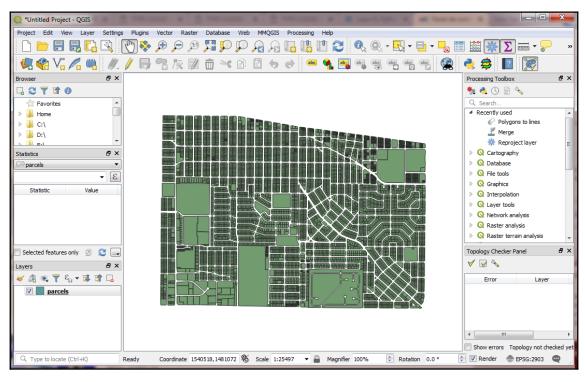


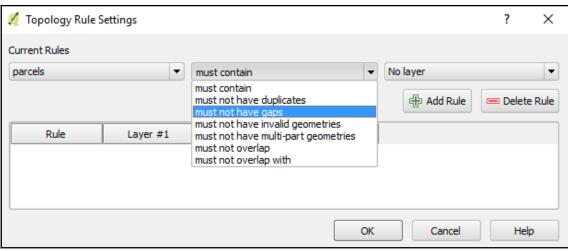


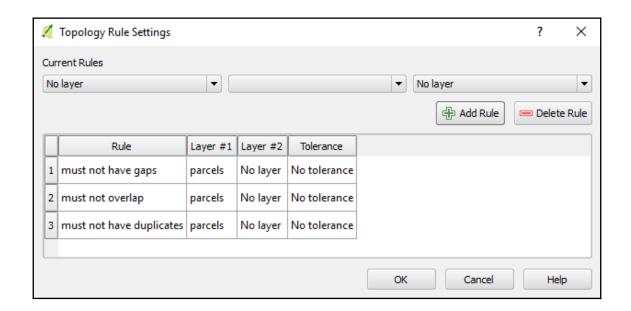


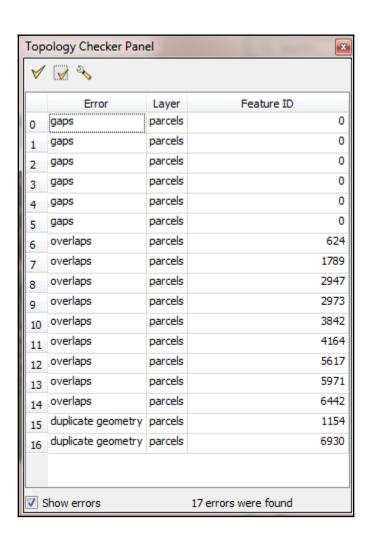


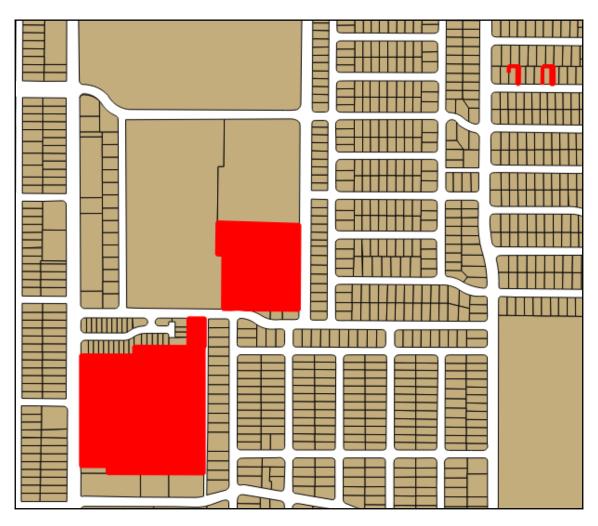




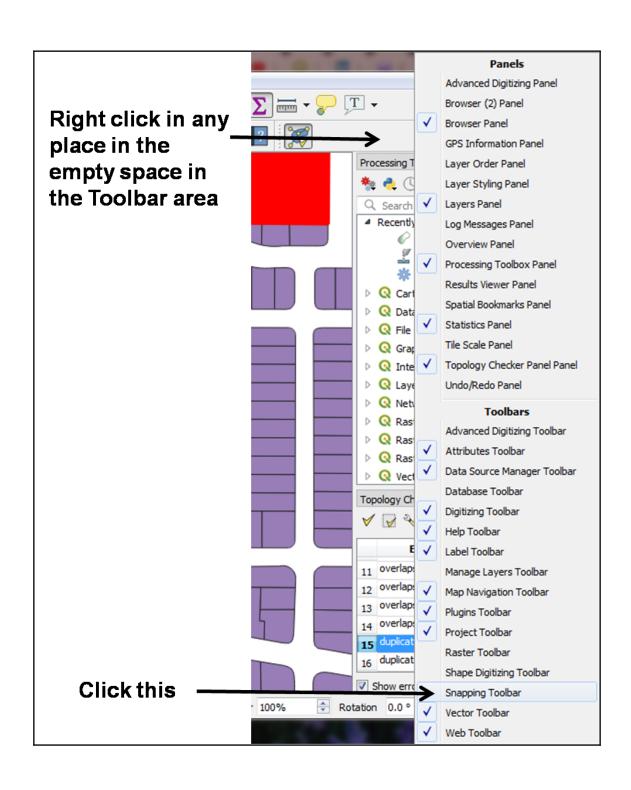


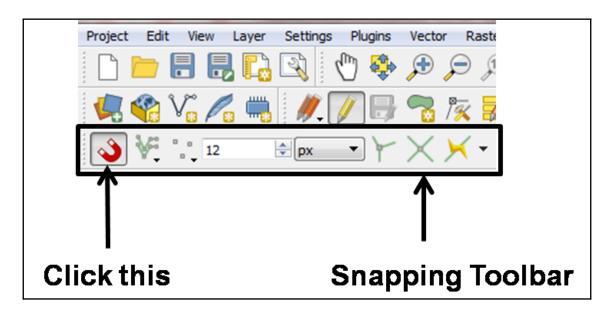




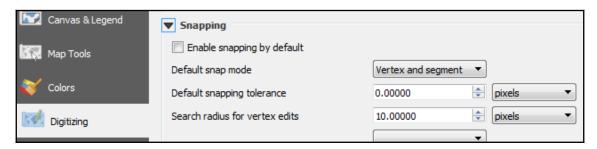


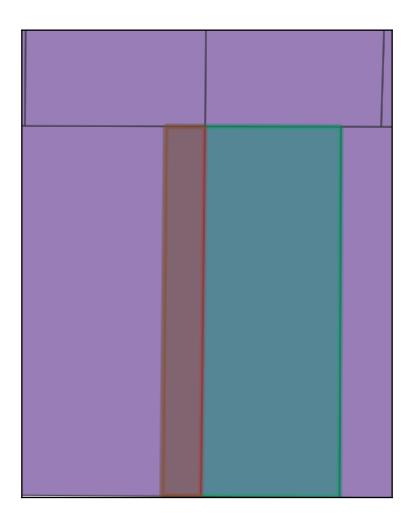


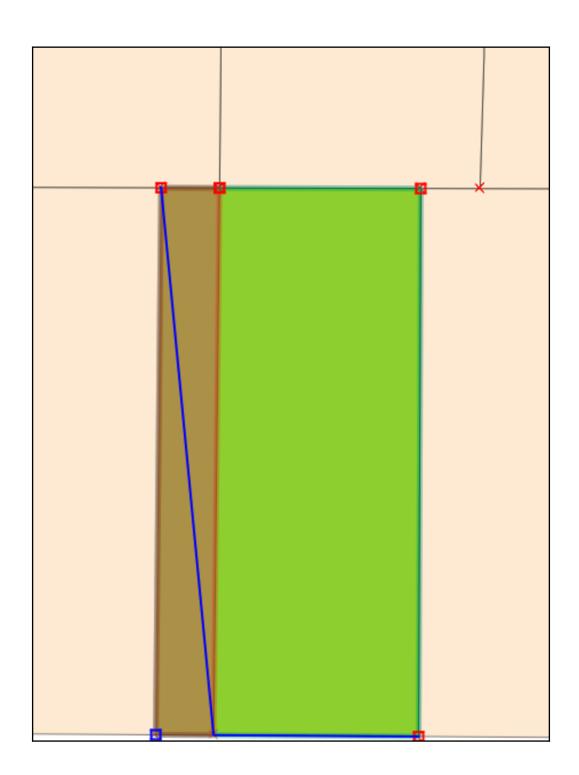


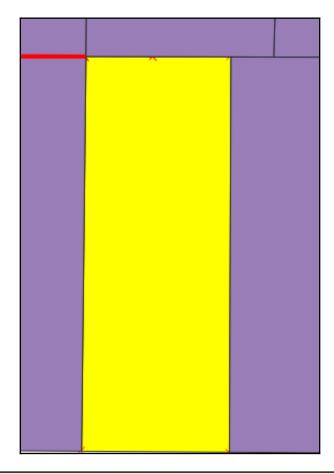


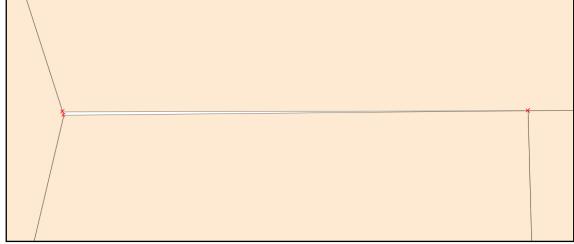






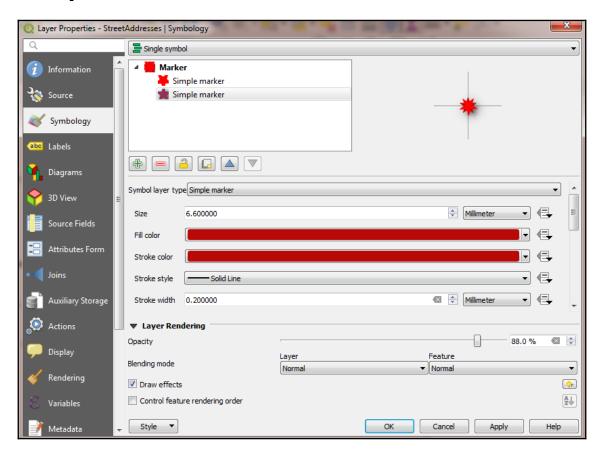


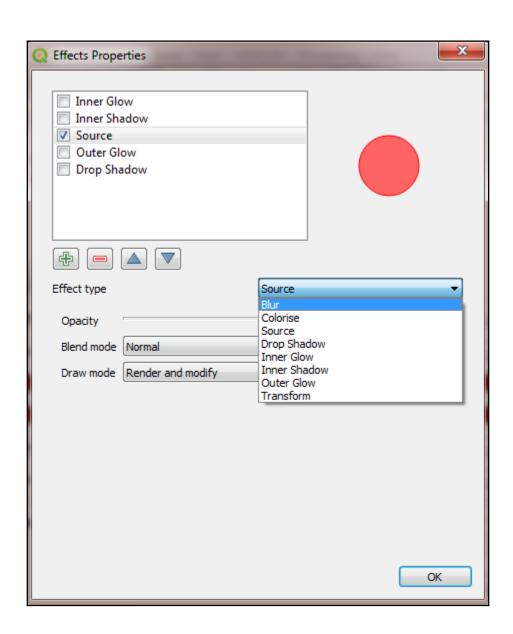


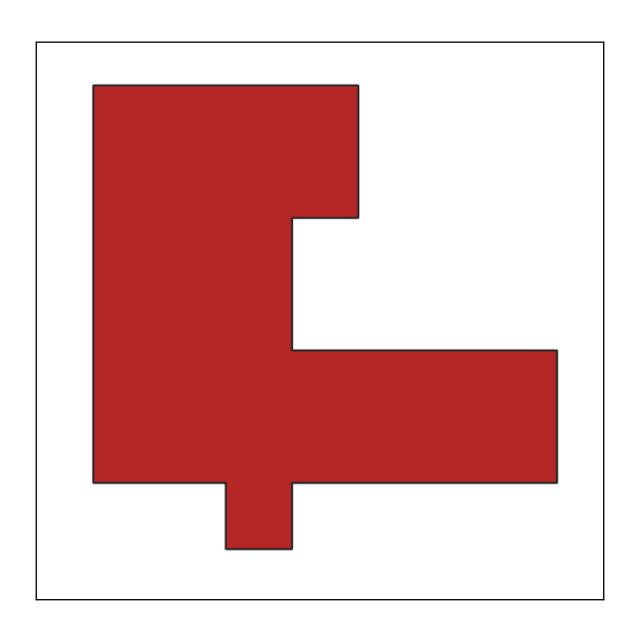


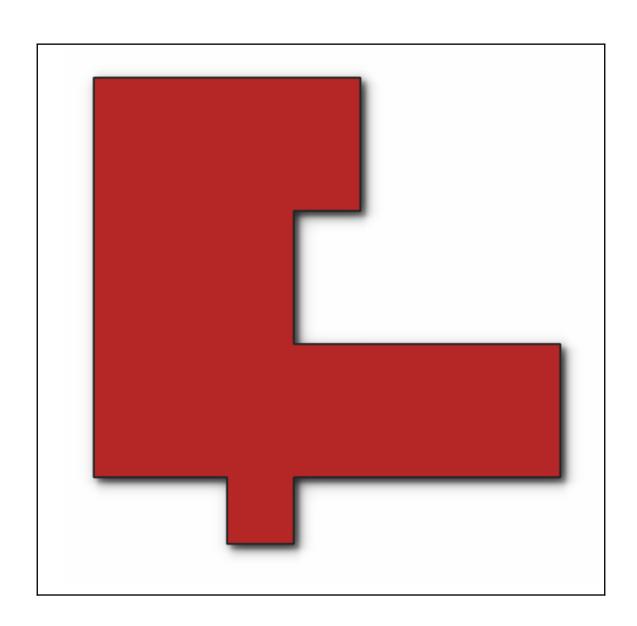


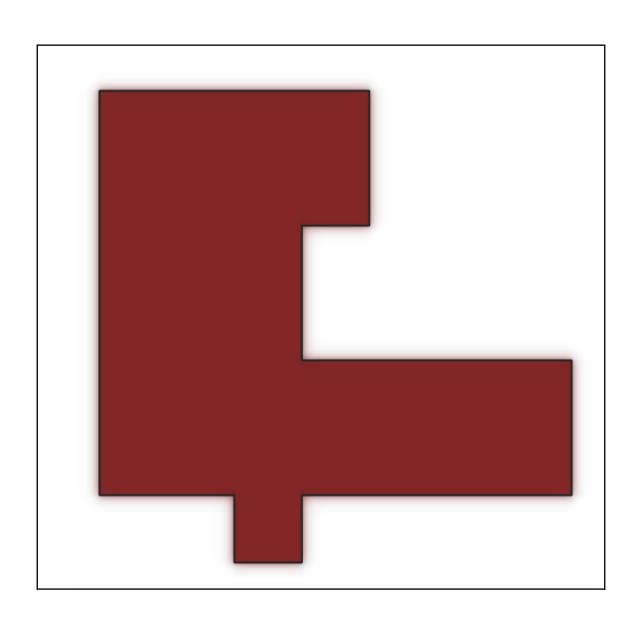
Chapter 7: Advanced Data Visualization

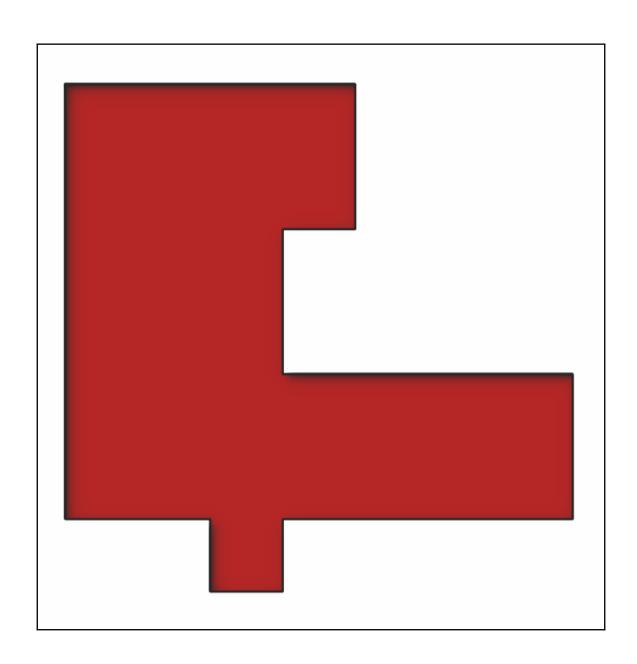


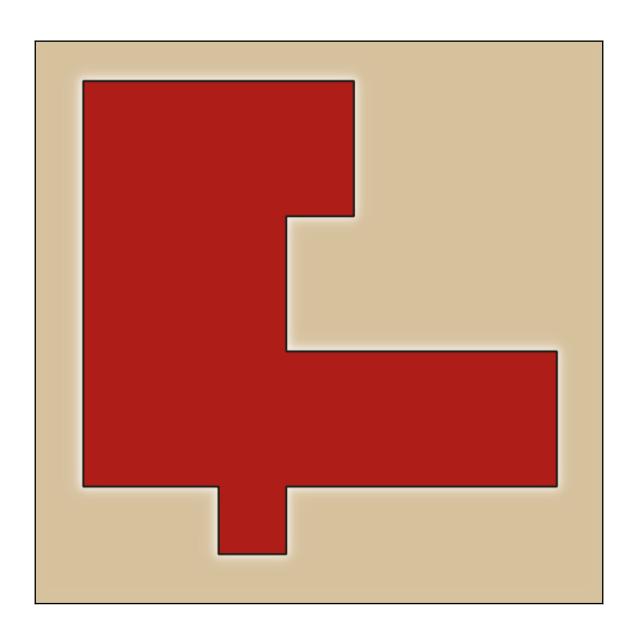


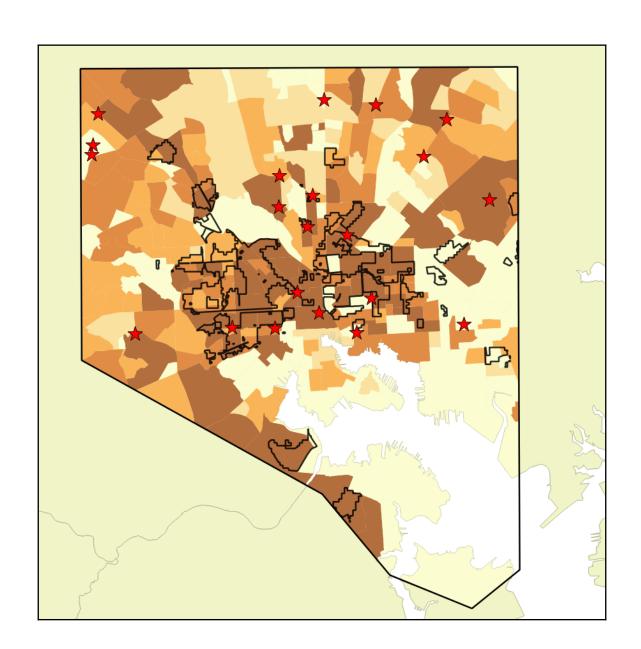


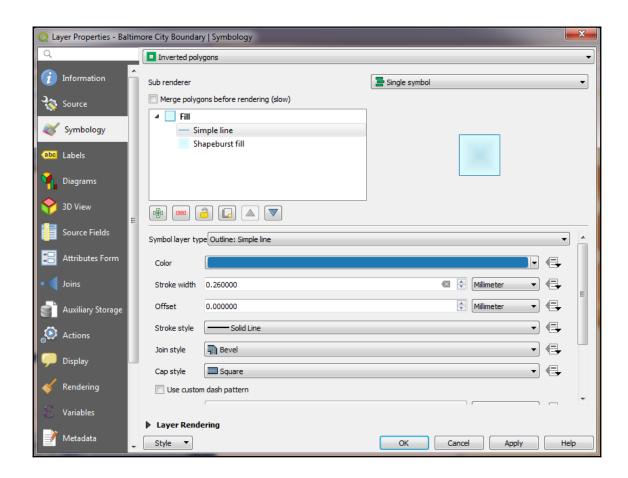


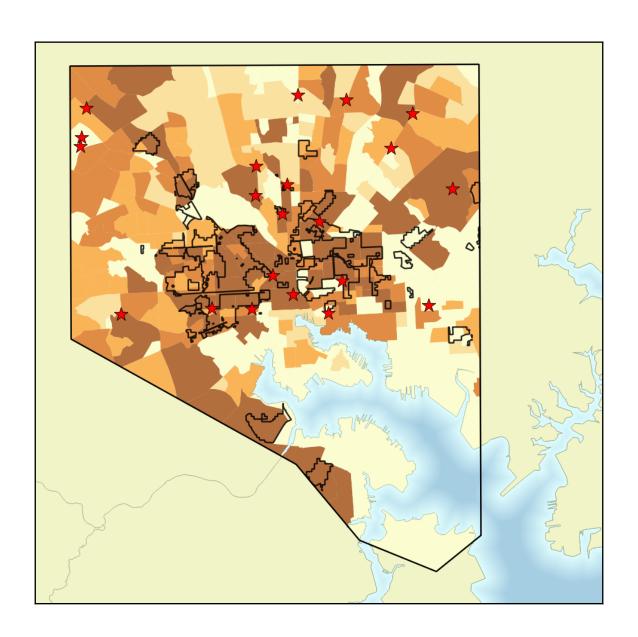


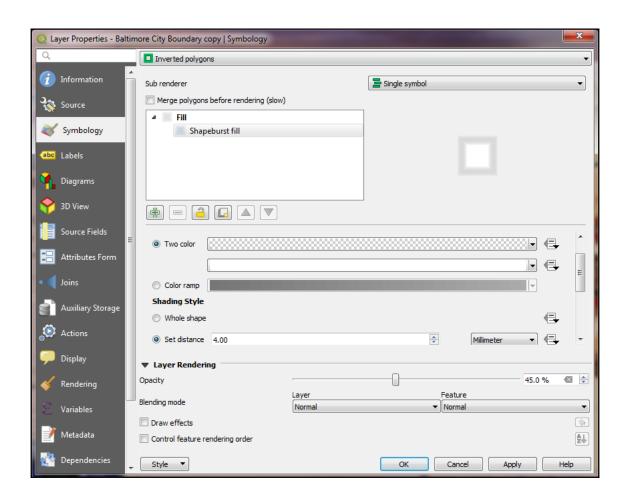


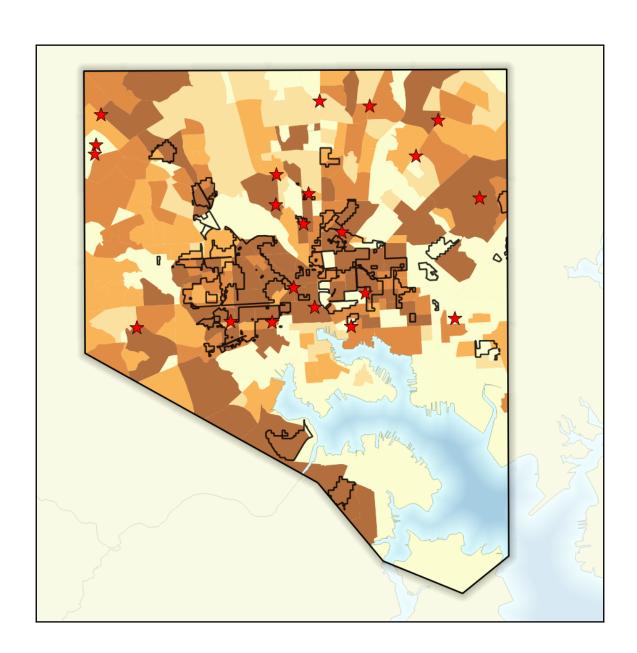


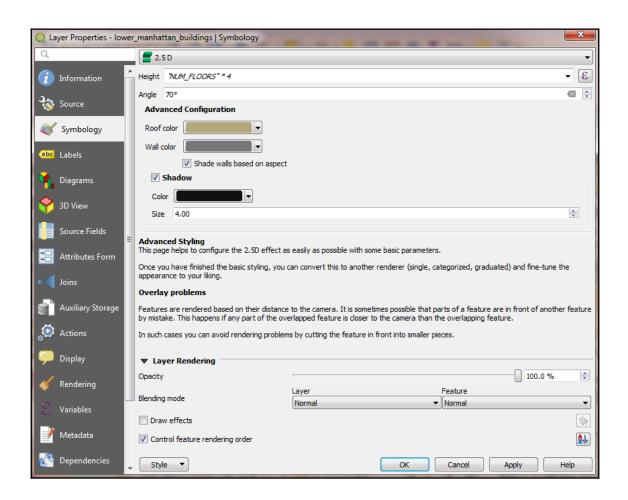




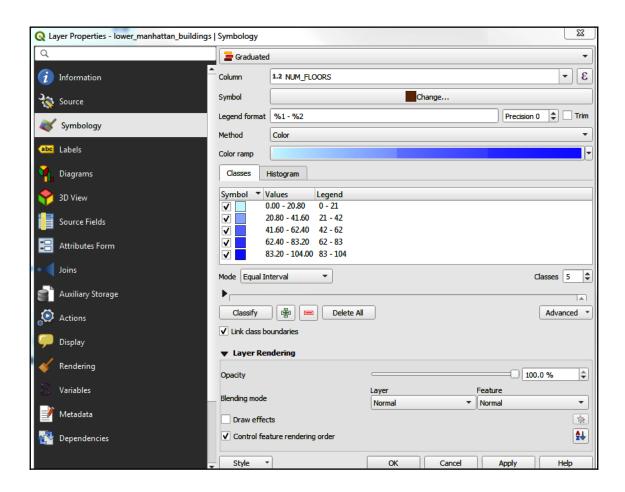


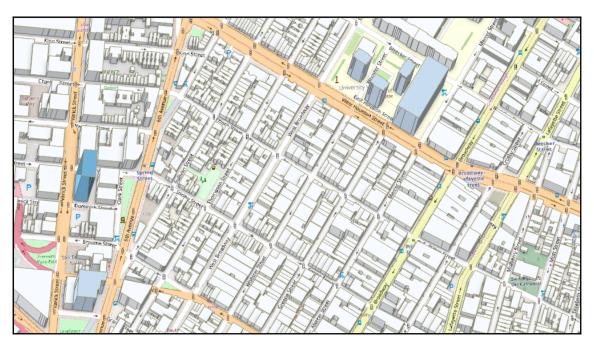


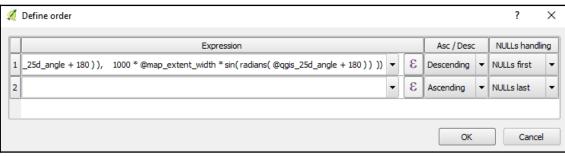


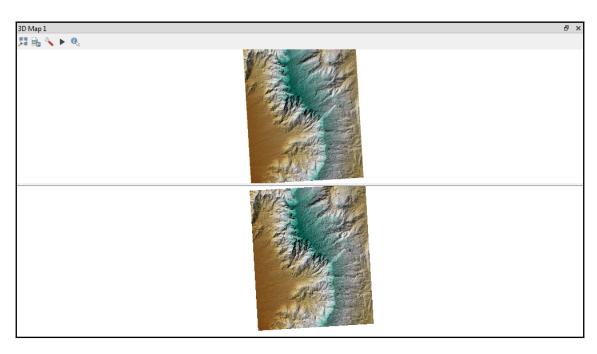


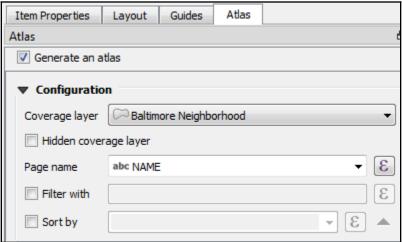




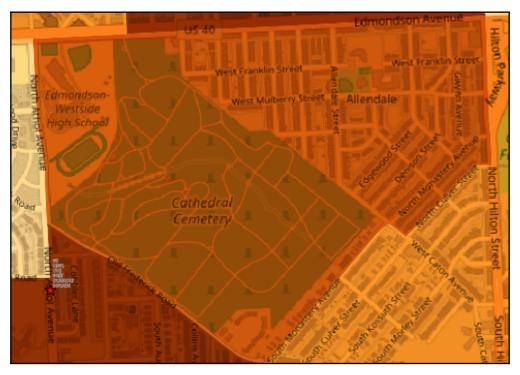




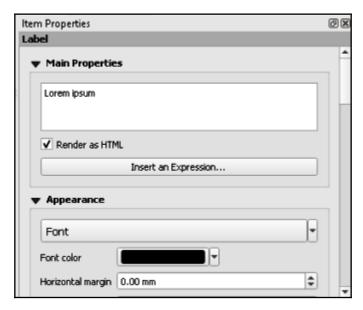




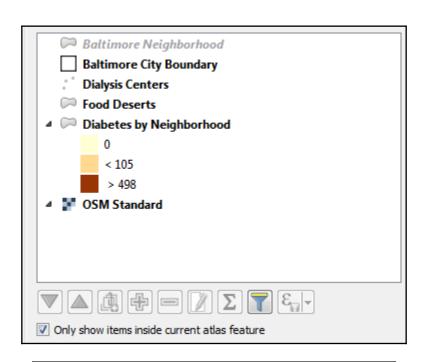




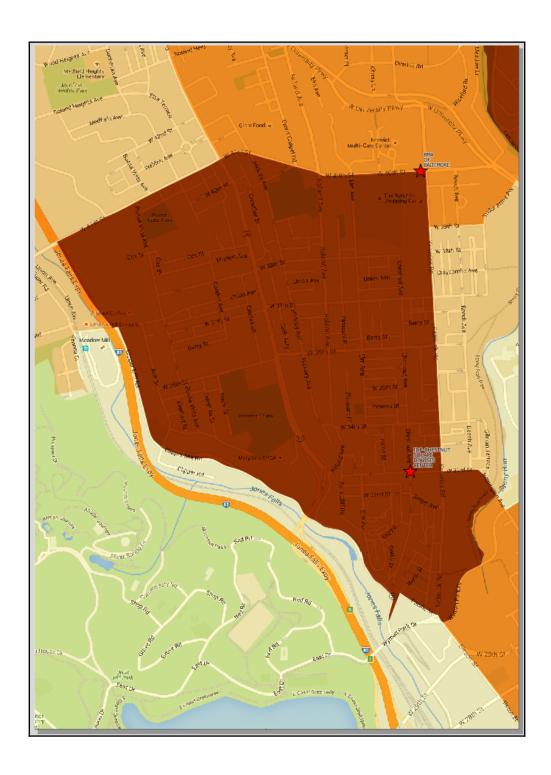
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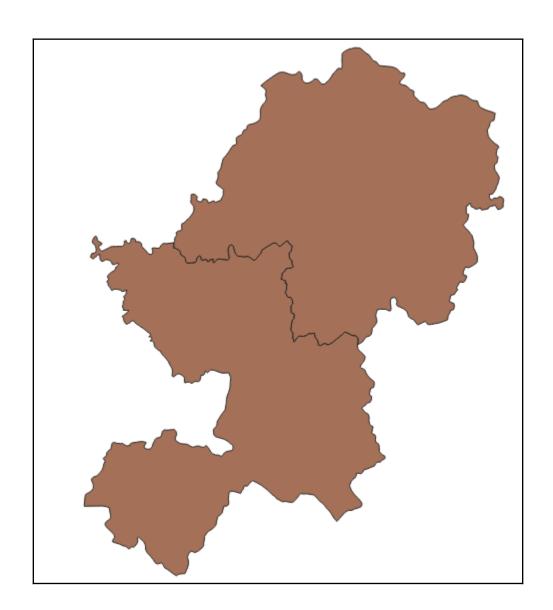


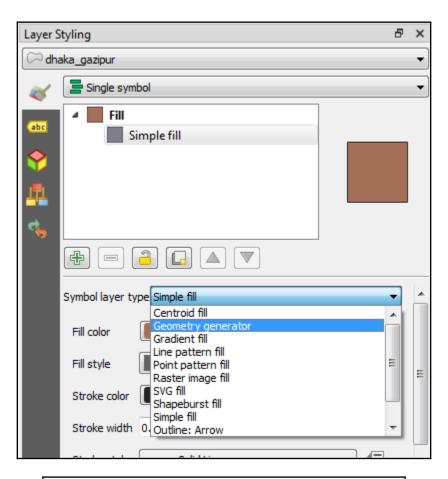


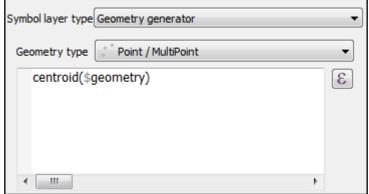


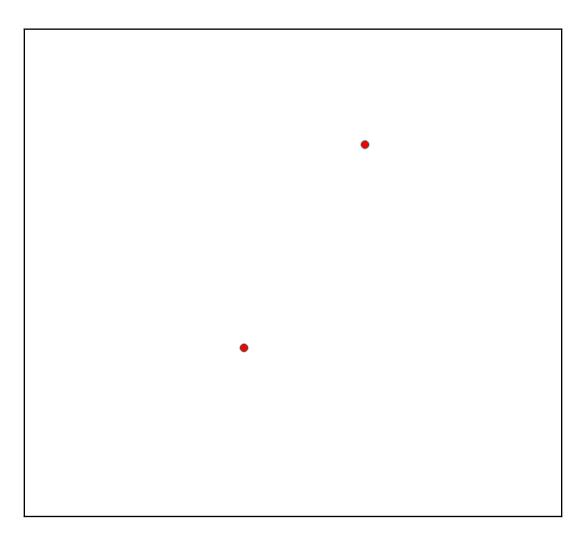


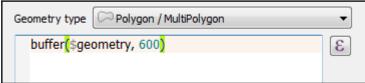


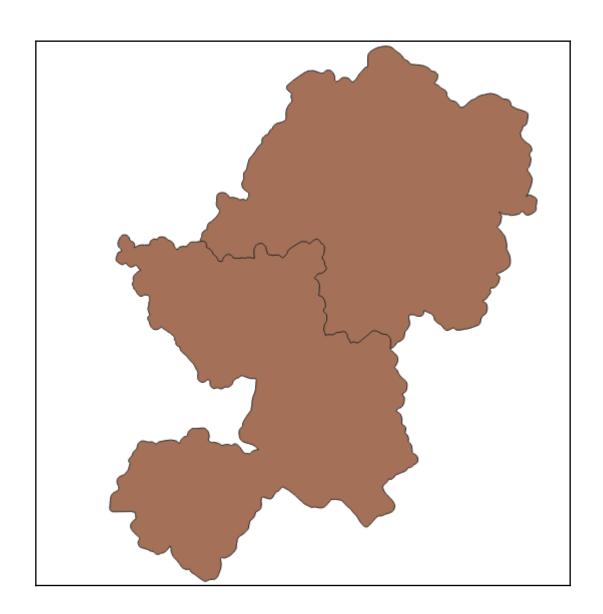


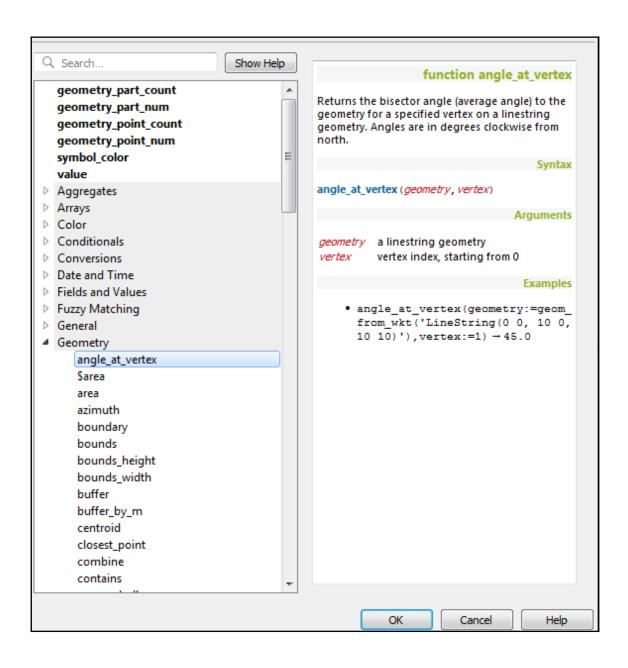


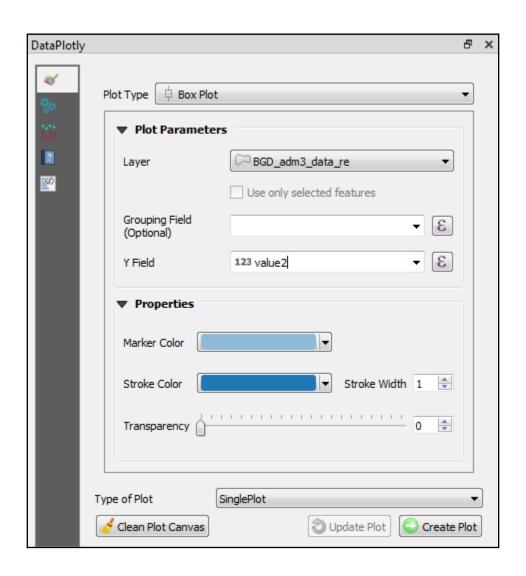


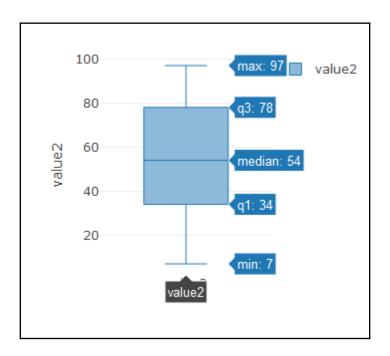


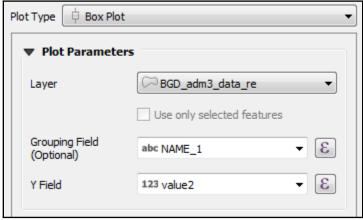


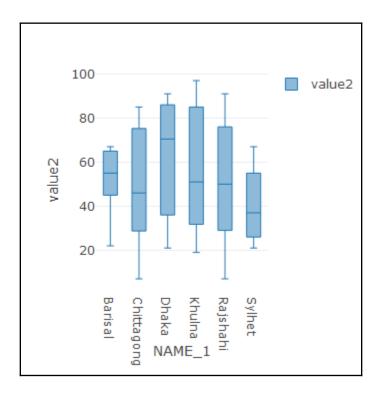


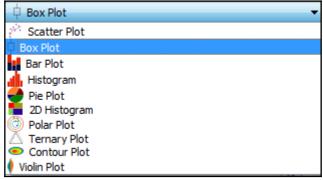




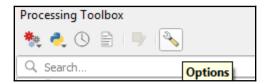


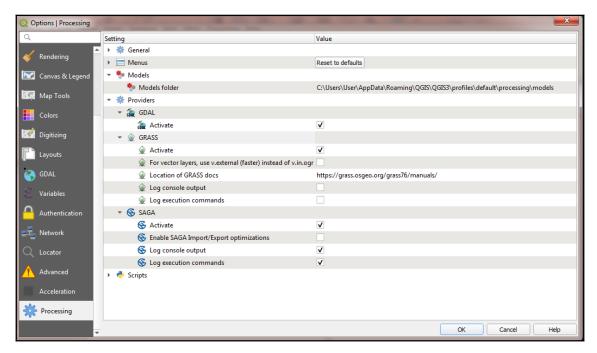


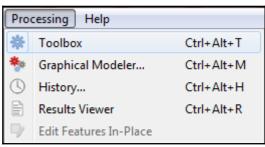


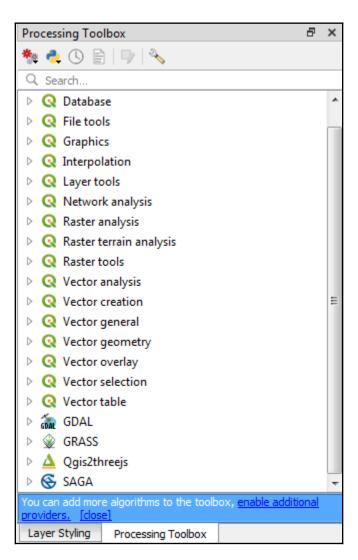


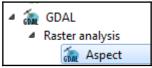
Chapter 8: The Processing Toolbox

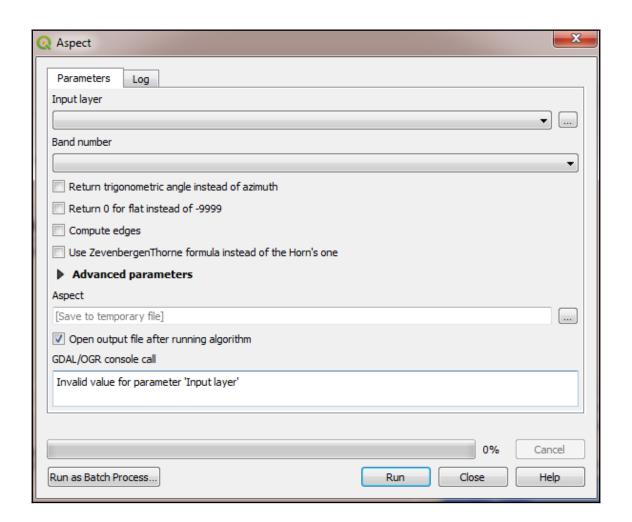


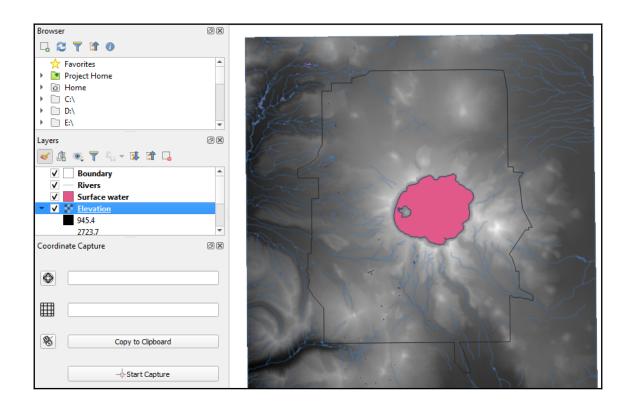


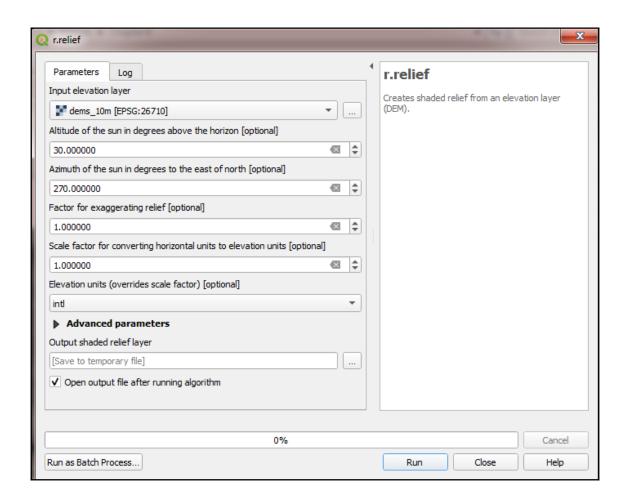


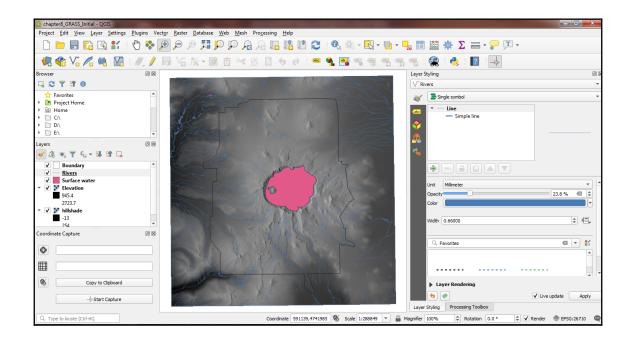


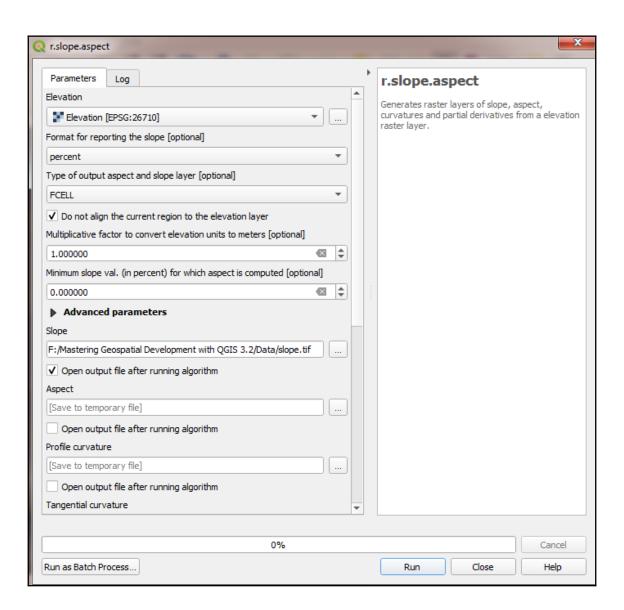


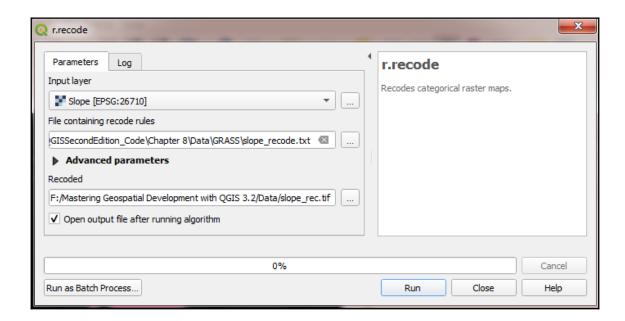


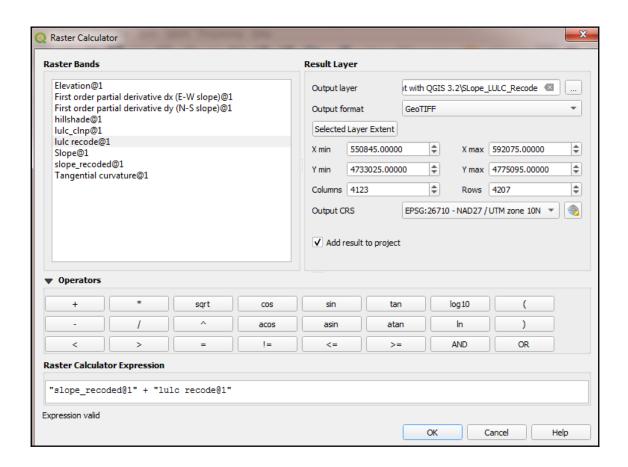


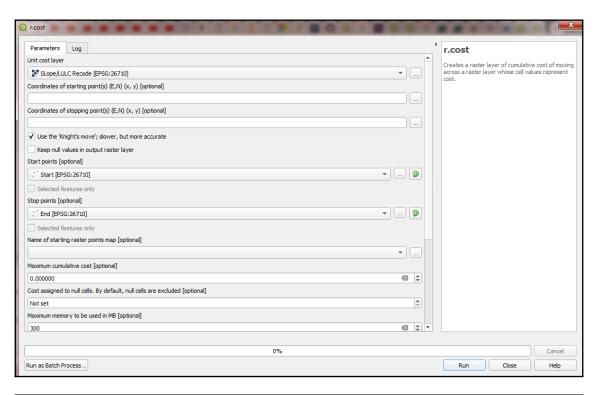




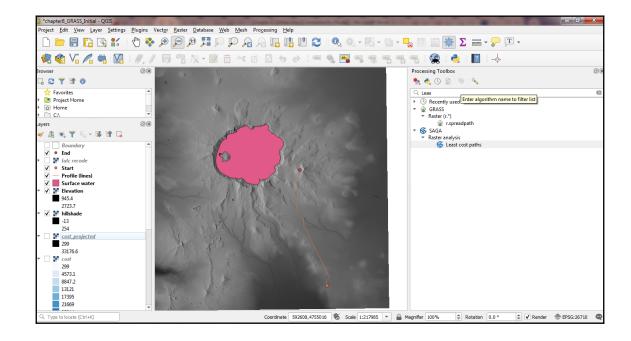


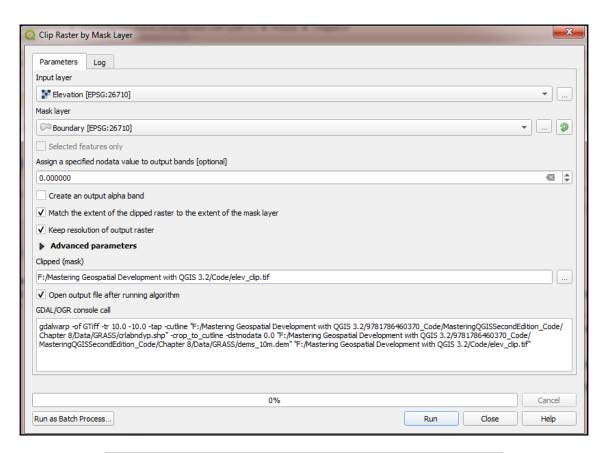


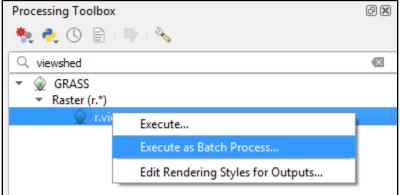


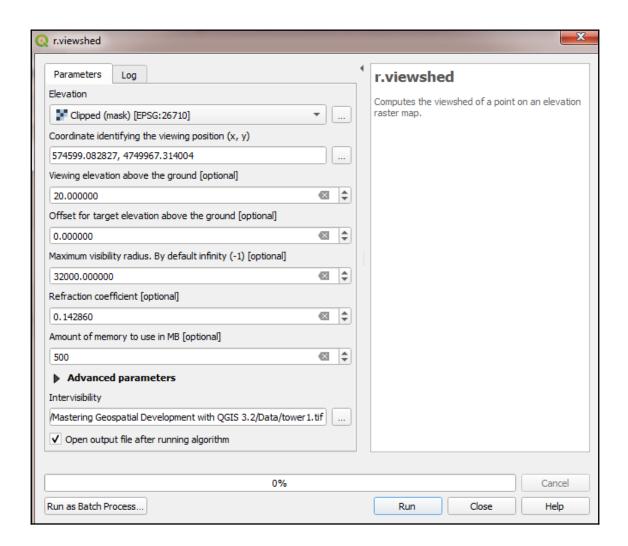


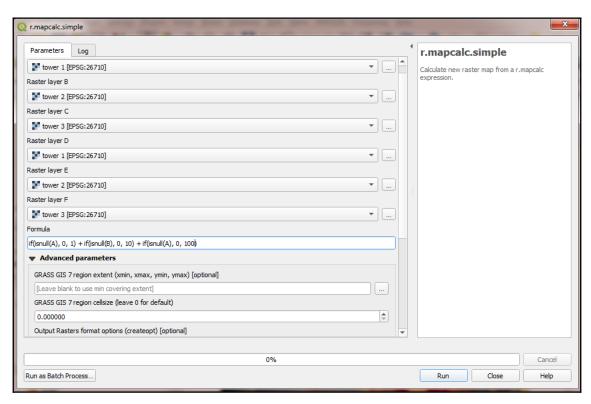


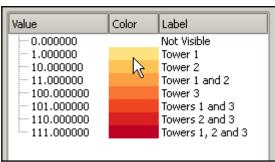


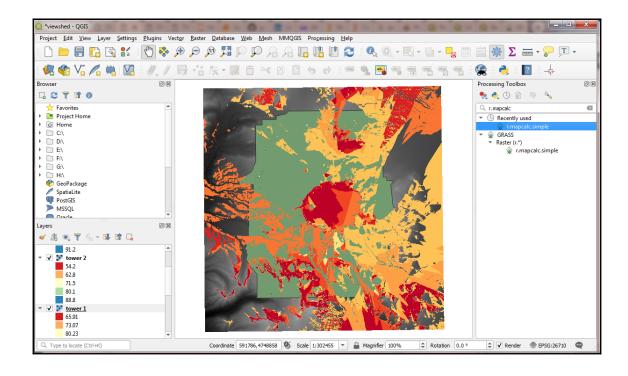


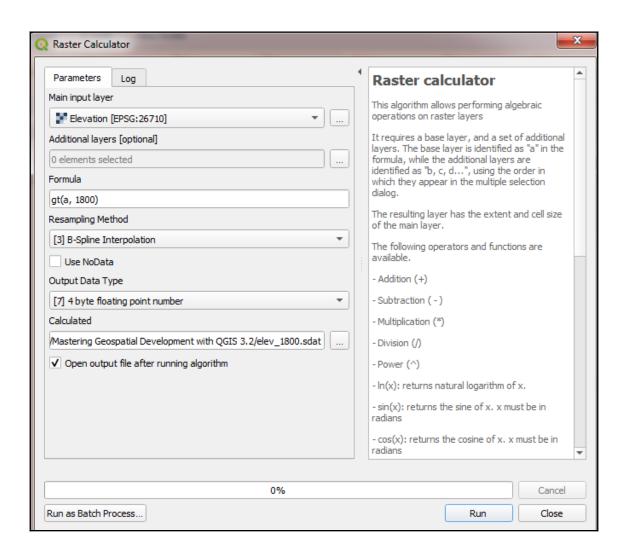


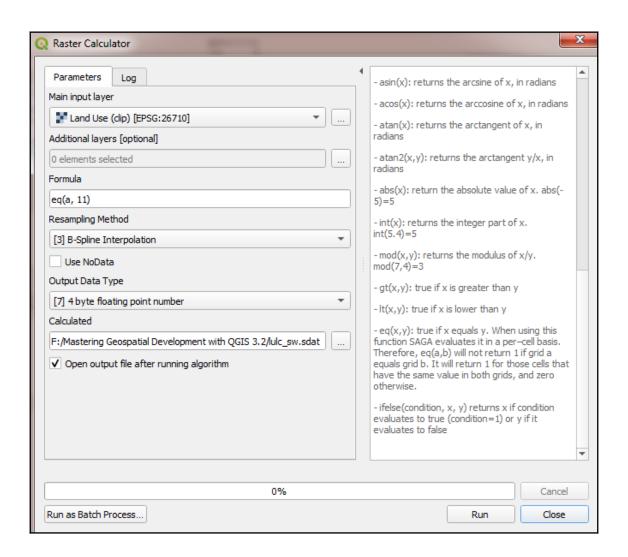


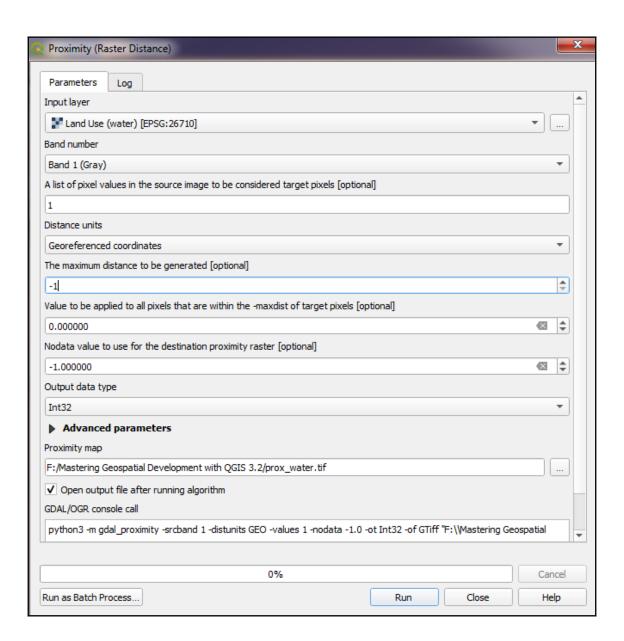


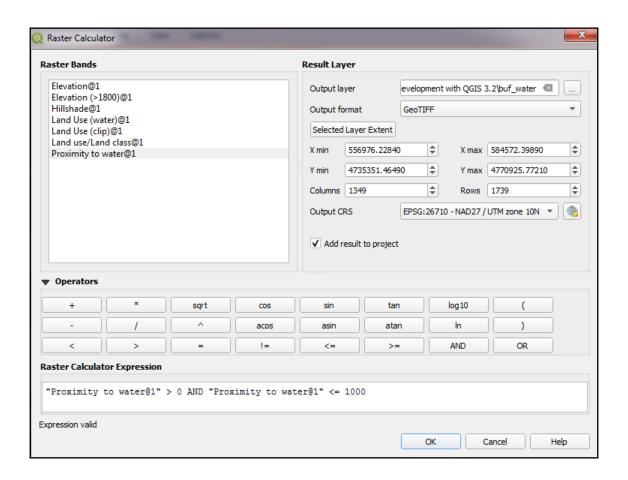


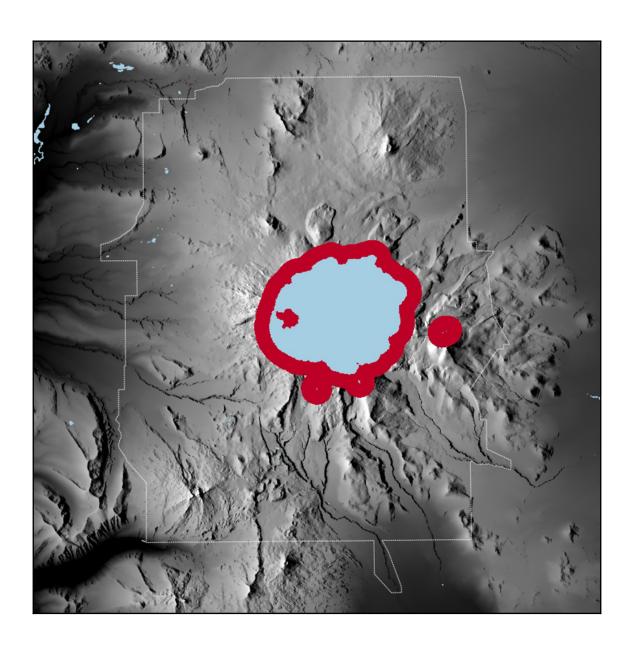


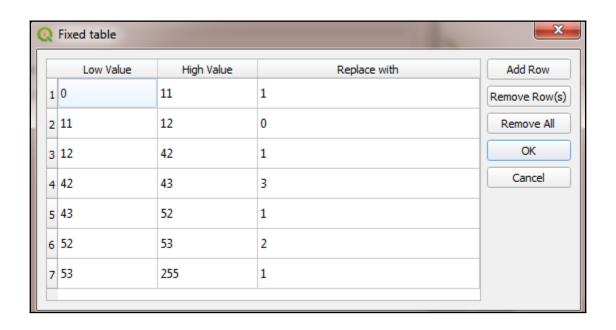


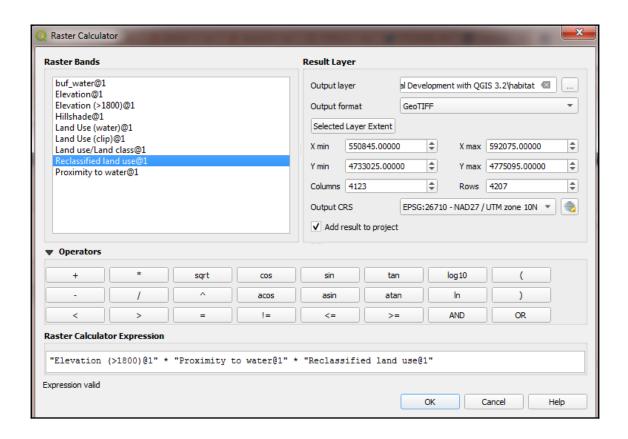


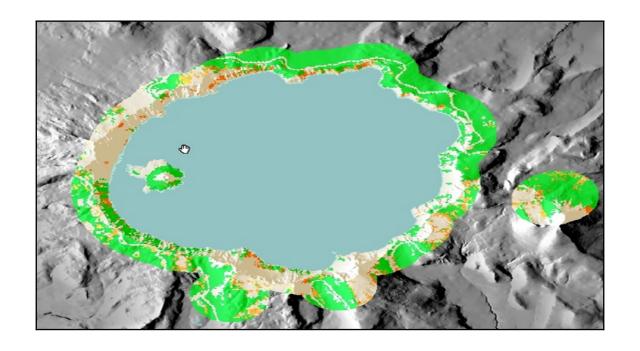


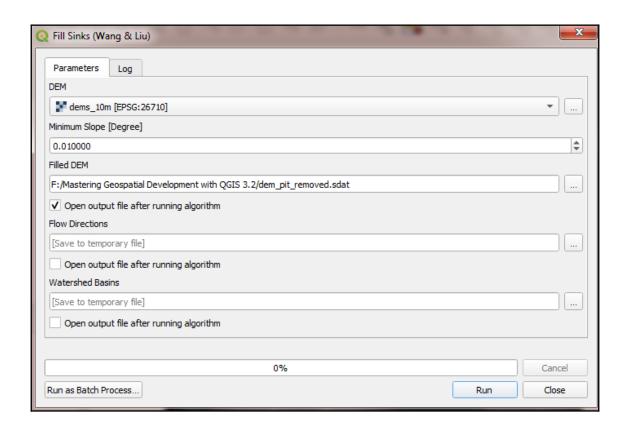


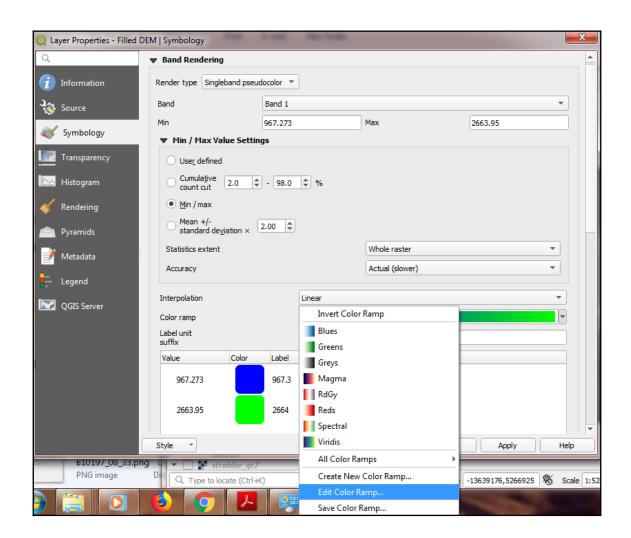


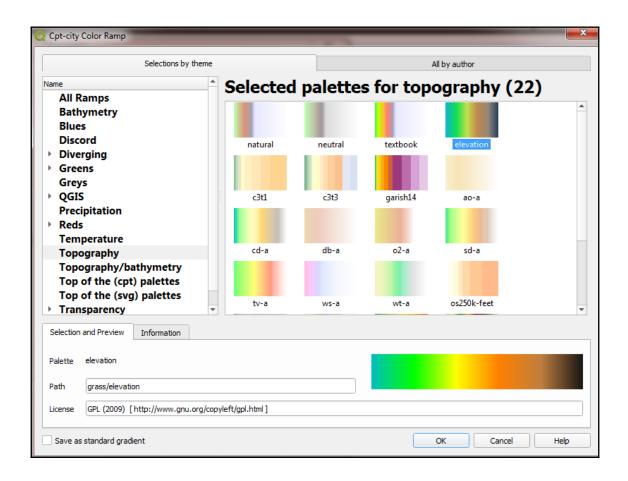


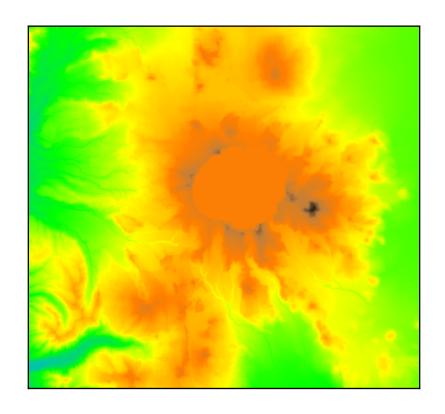


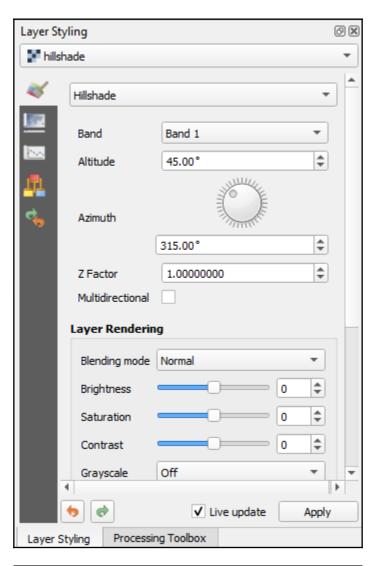


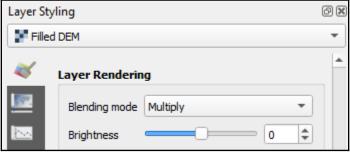


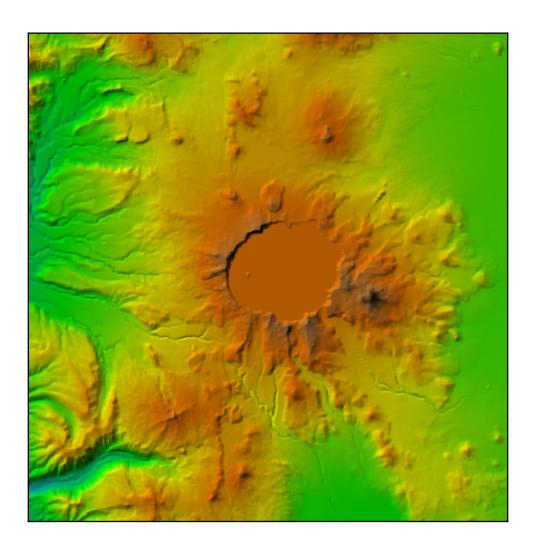


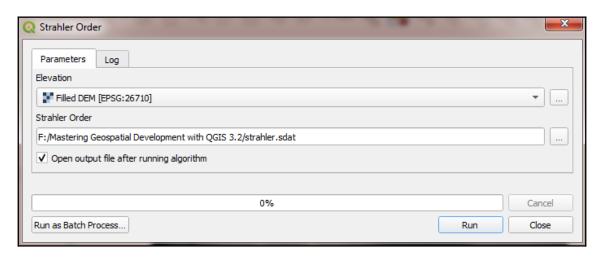


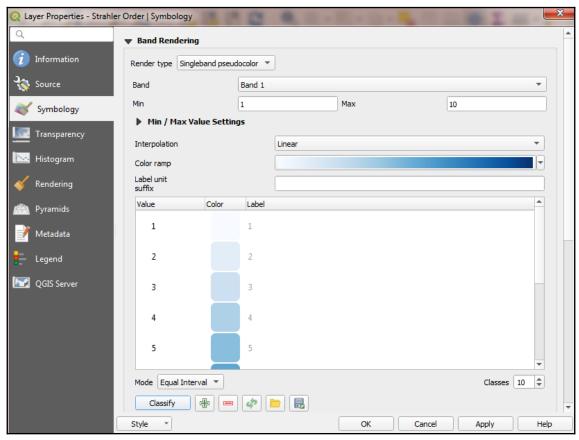


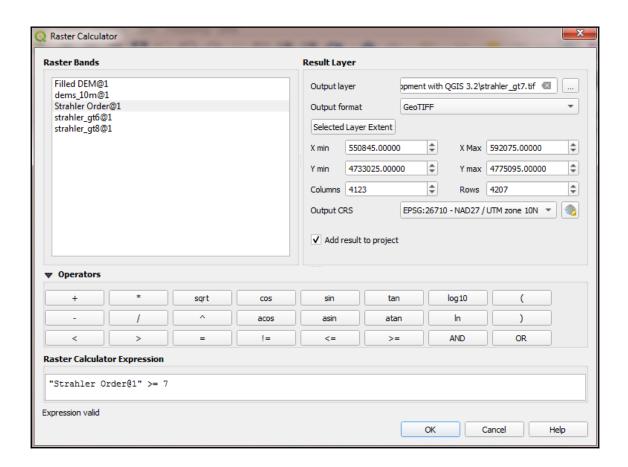


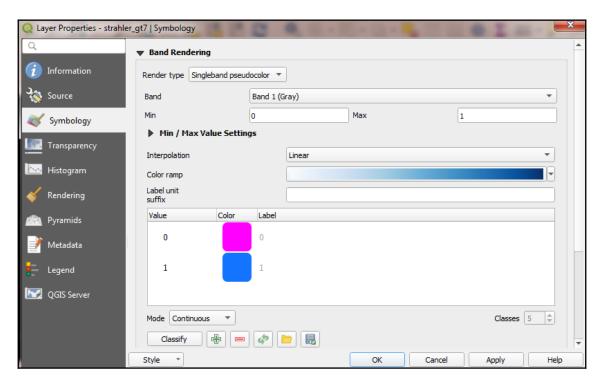




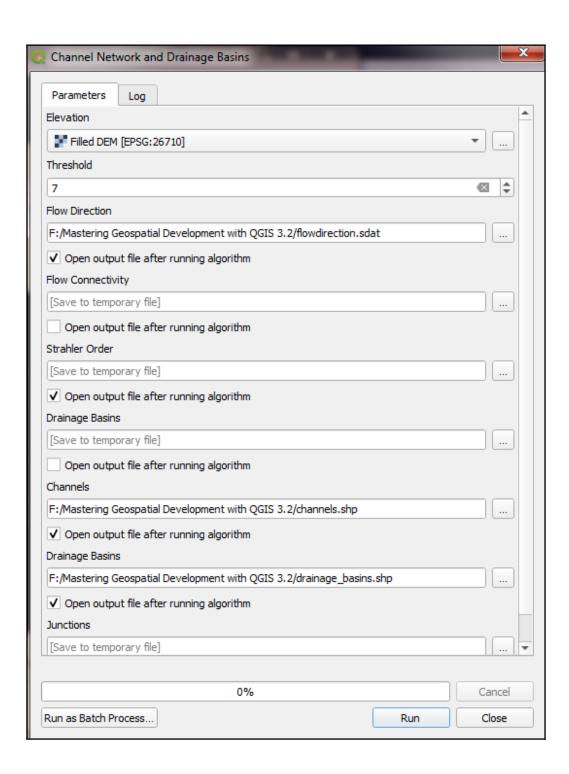


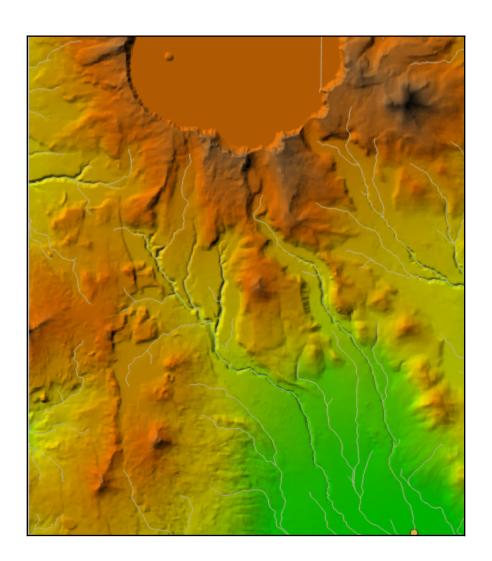


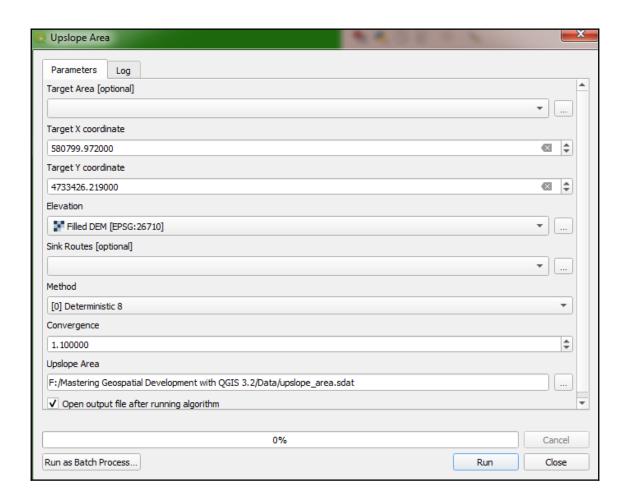


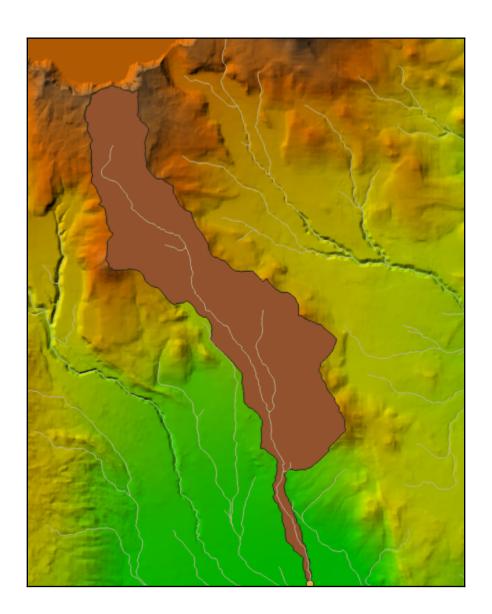


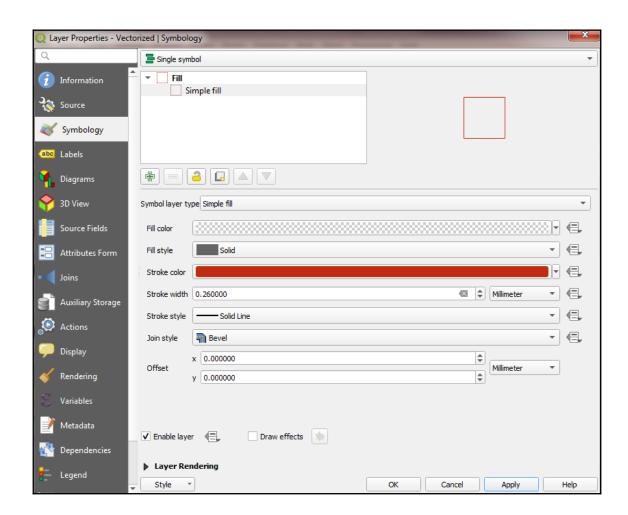


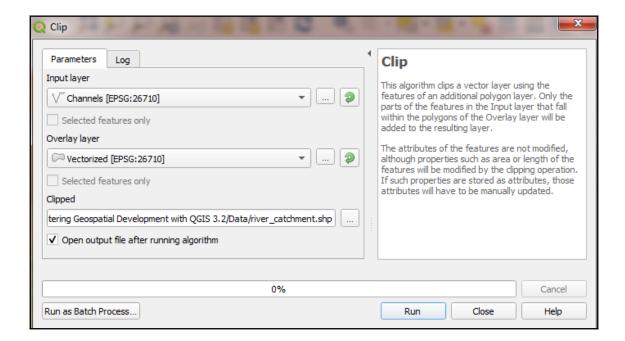


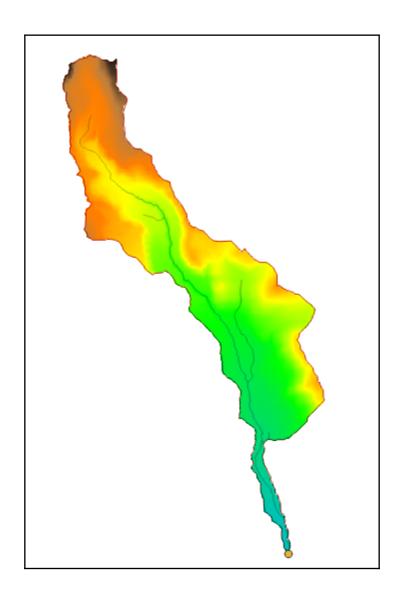




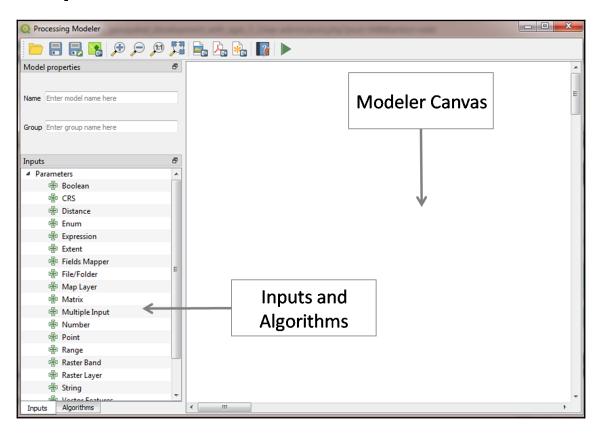




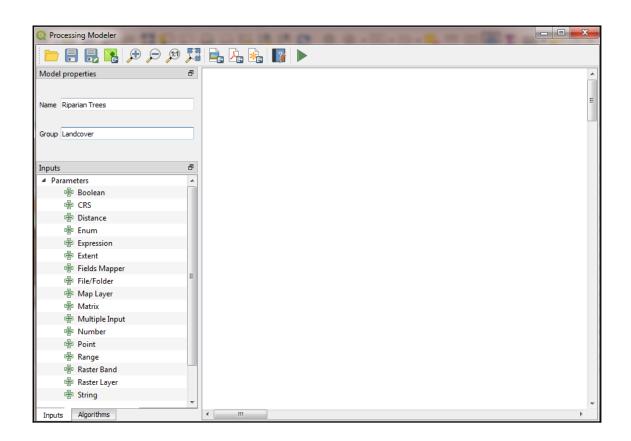


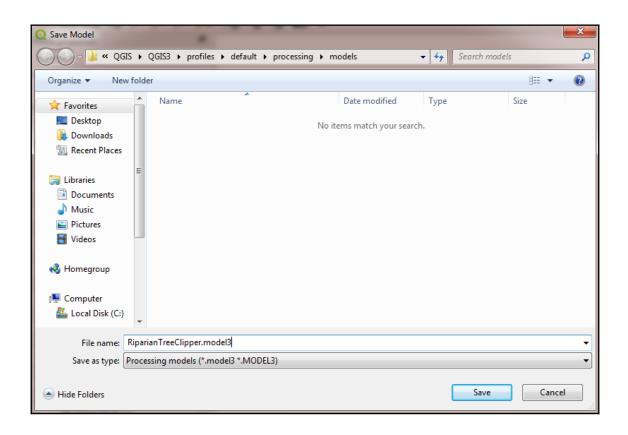


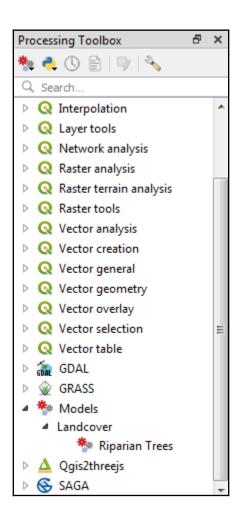
Chapter 9: Automating Workflows with the Graphical Modeler

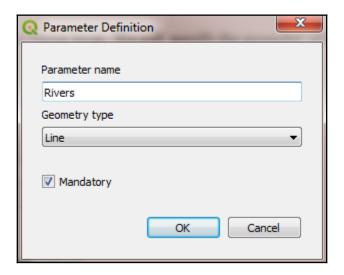


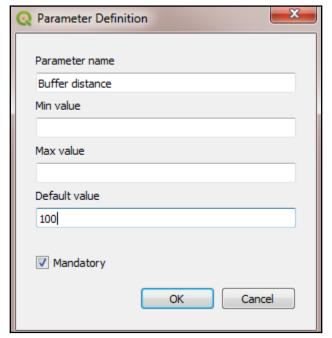


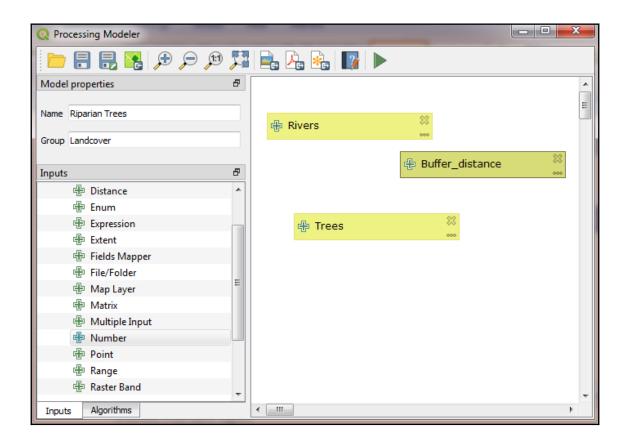


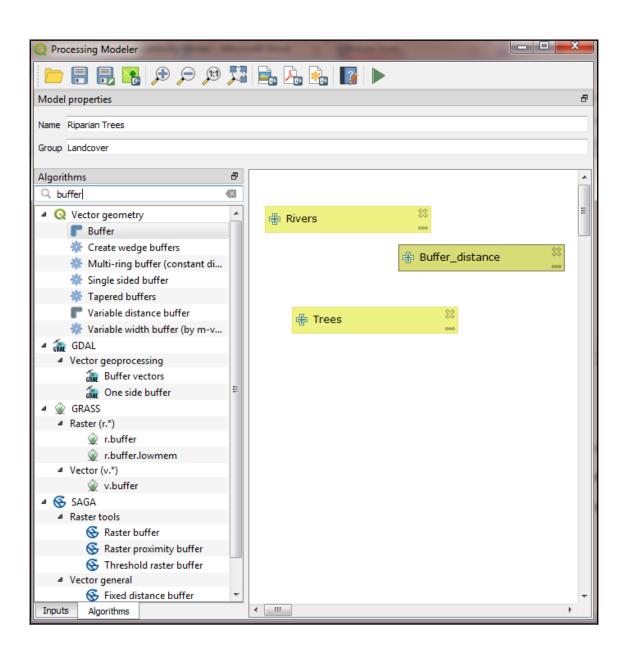


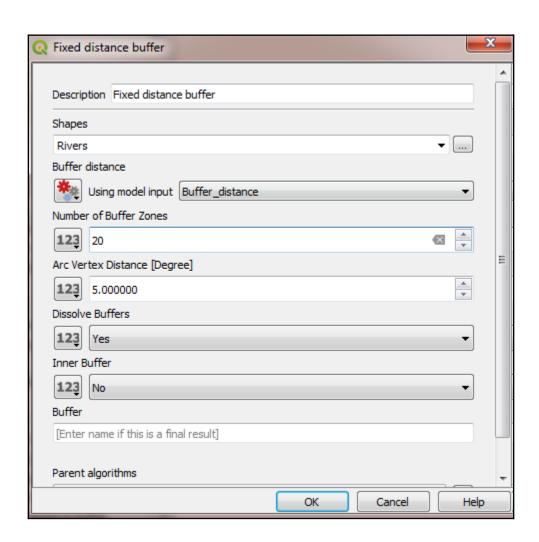


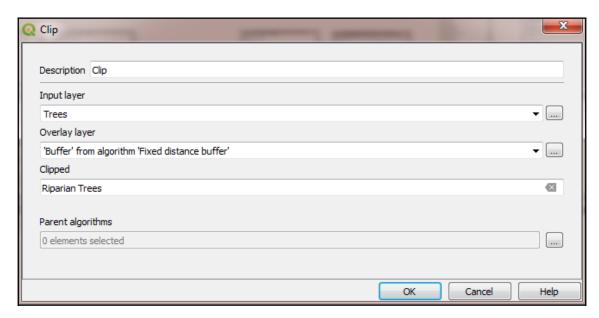


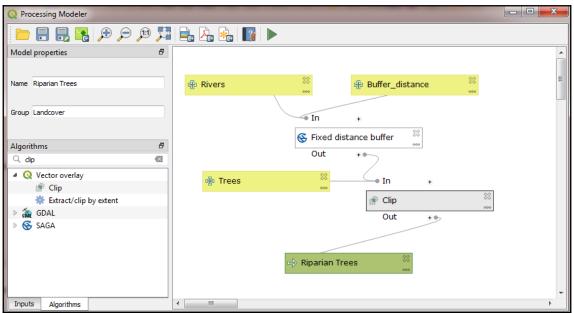


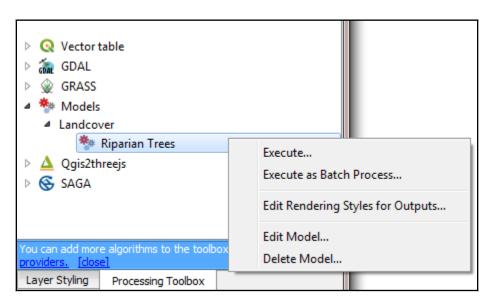


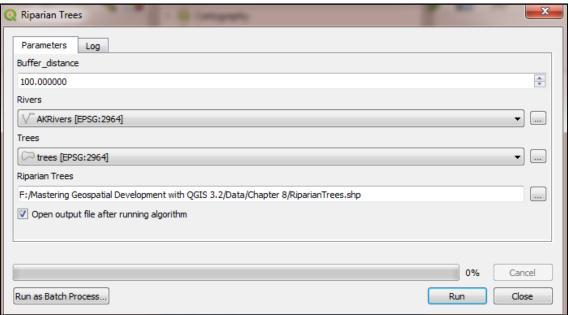


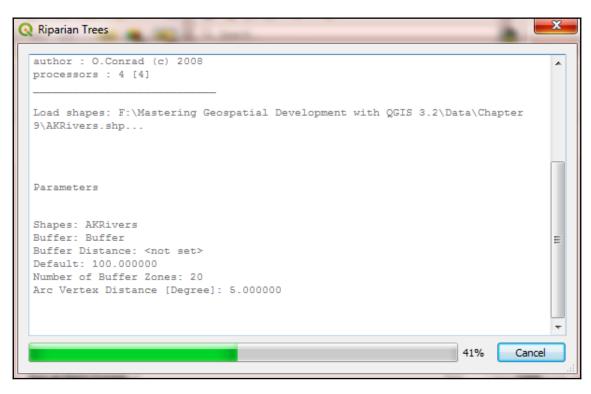


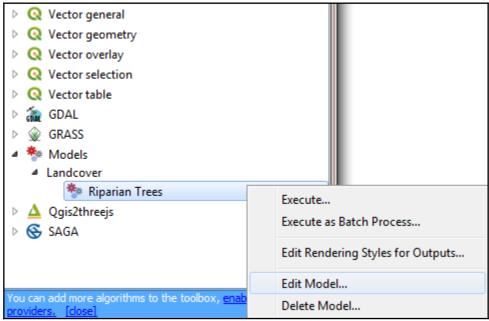


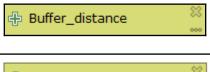


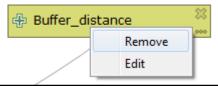


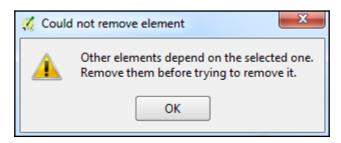


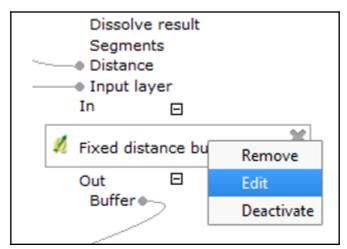


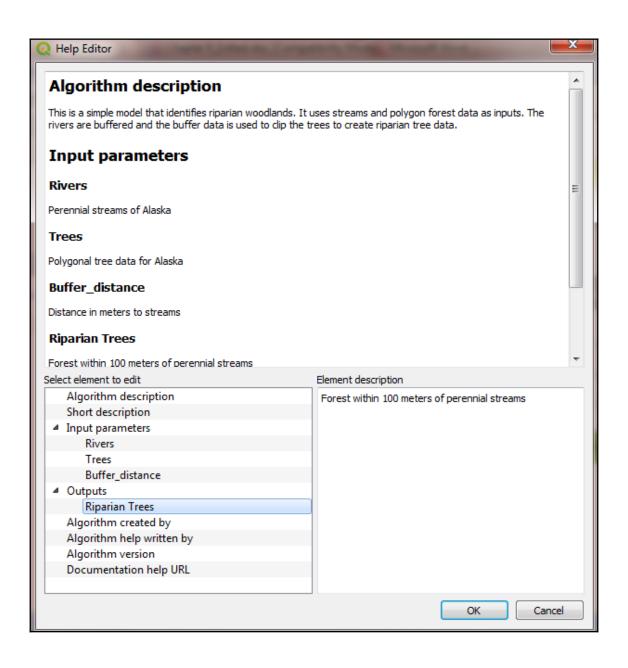


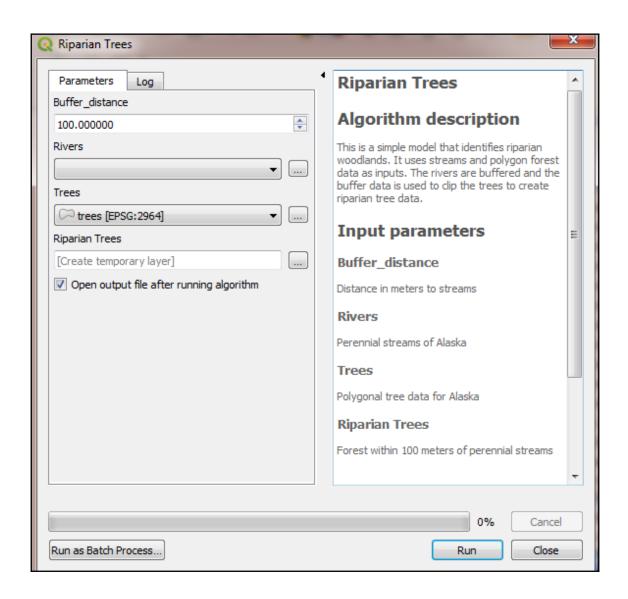


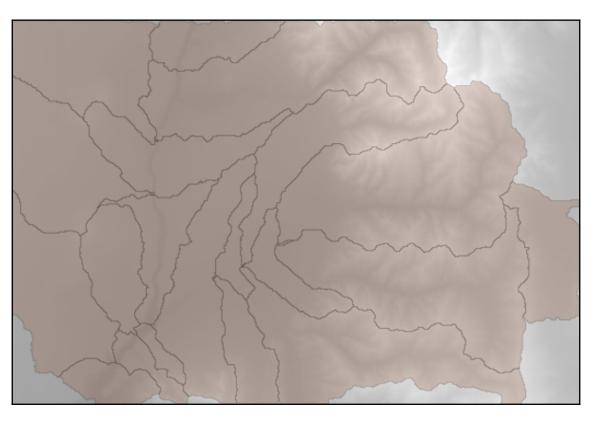


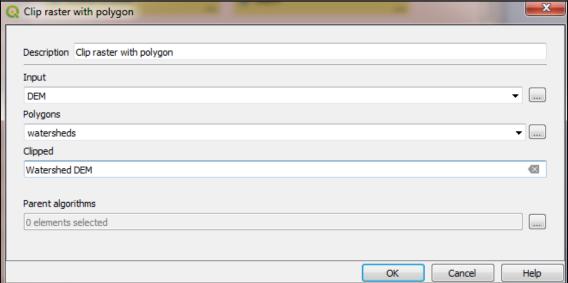


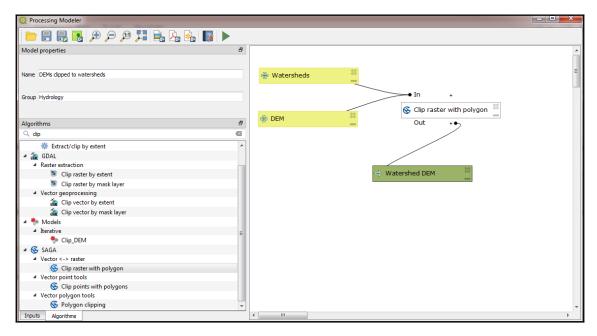


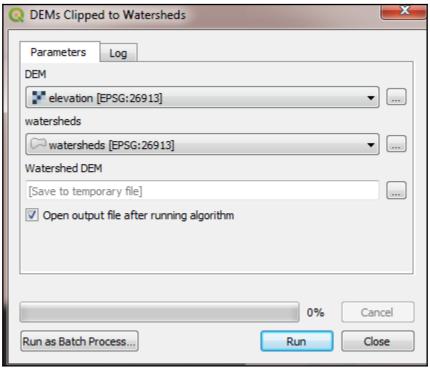


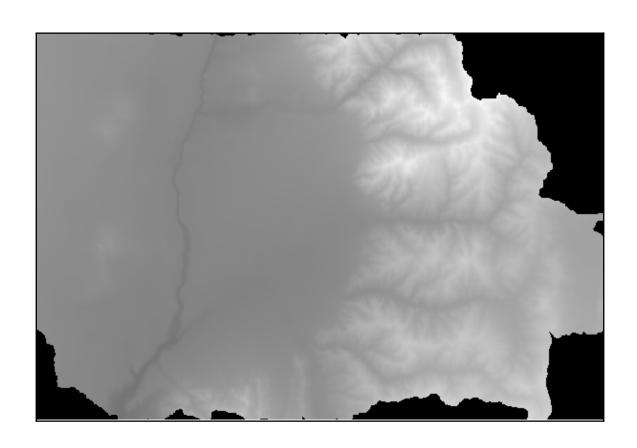


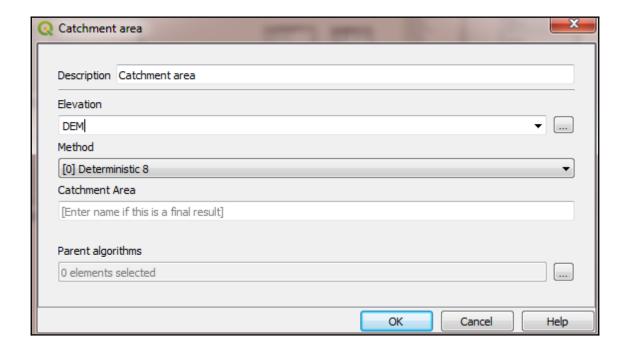


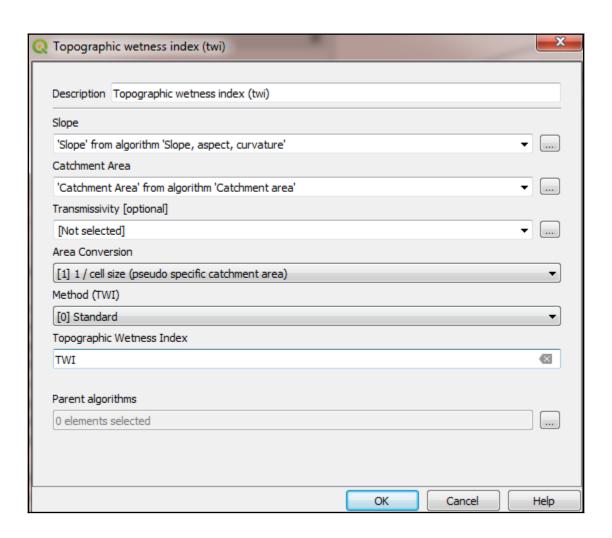


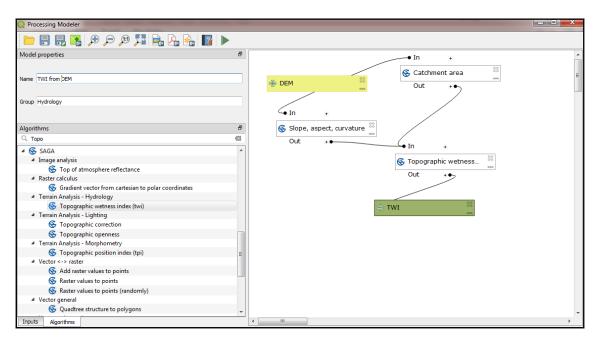


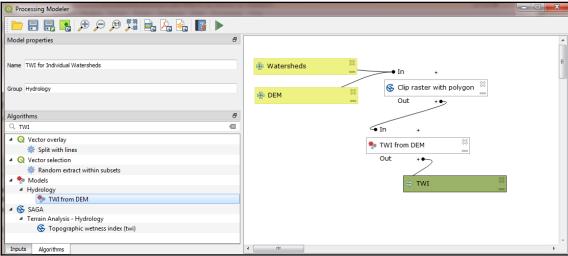


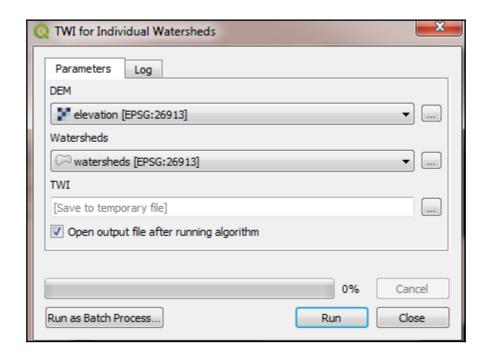


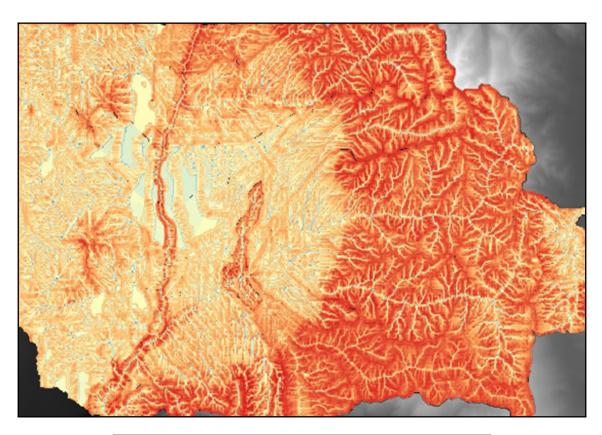


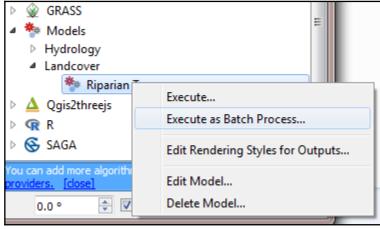


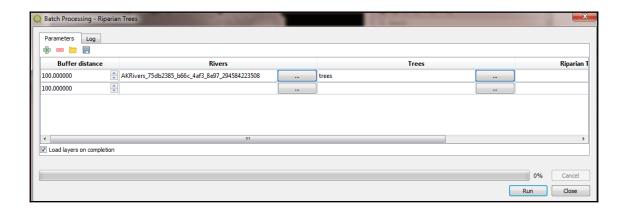




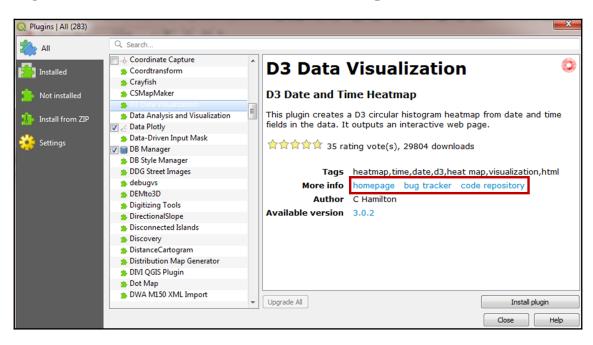


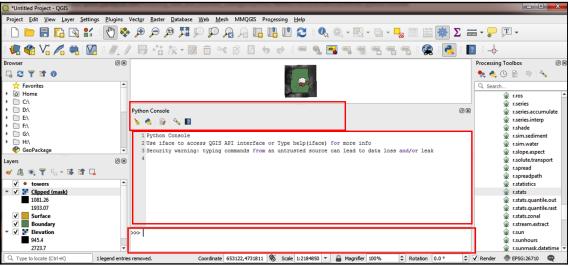




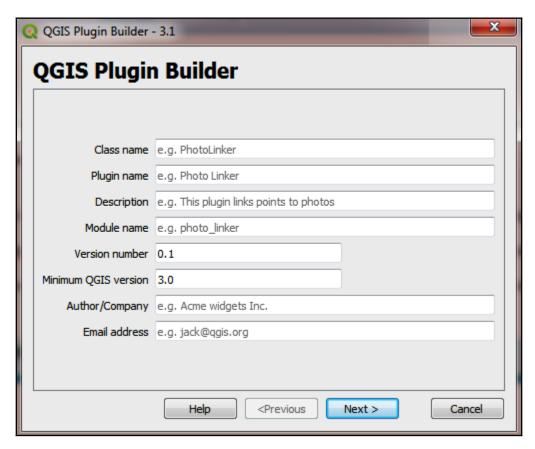


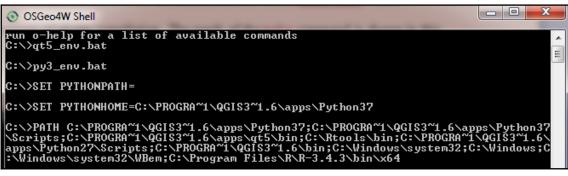
Chapter 10: Creating QGIS Plugins with PyQGIS and Problem Solving







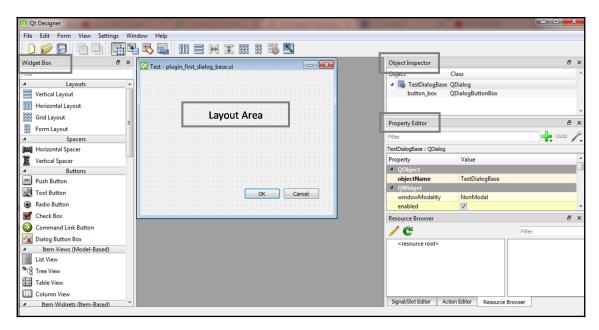


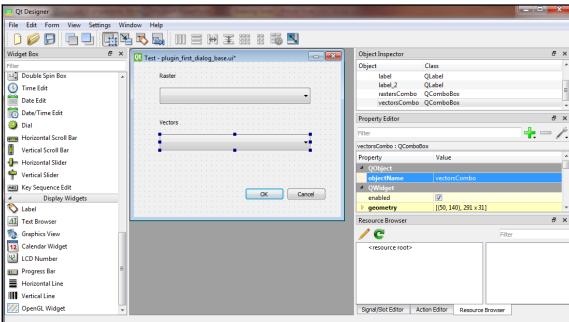


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C:\Users\User\AppData\Roaming\QGIS\QGIS3\profiles\default\python\plugins\plugin_

first>

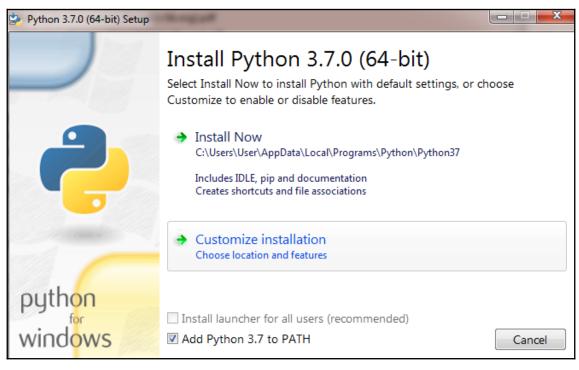
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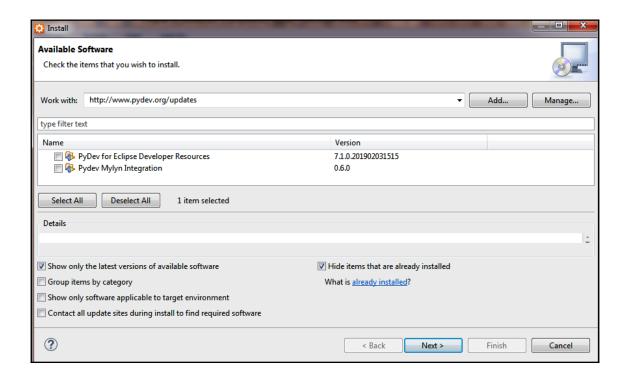


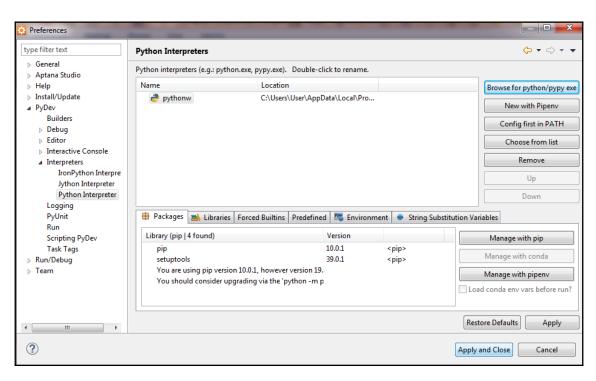


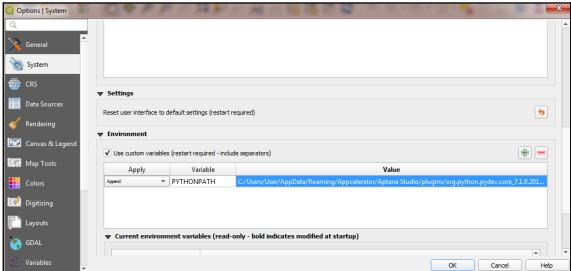
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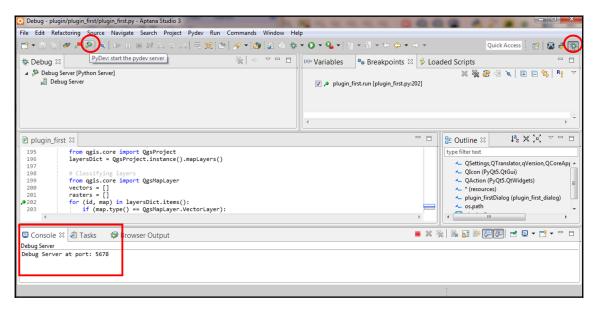


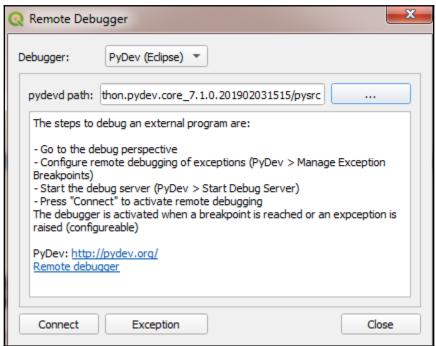


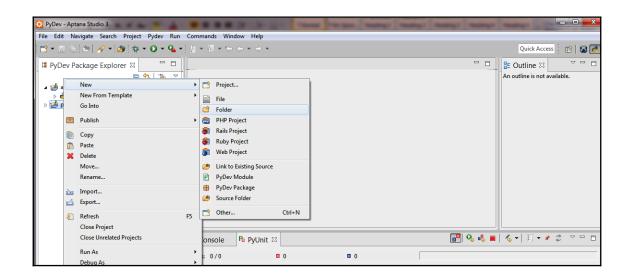


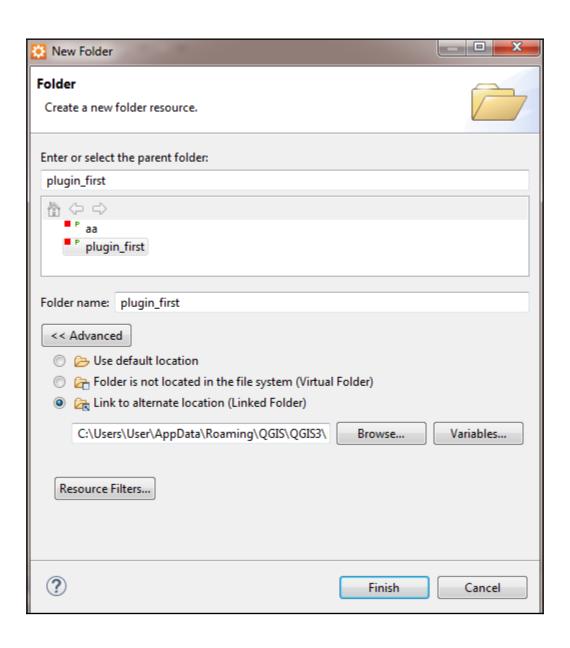


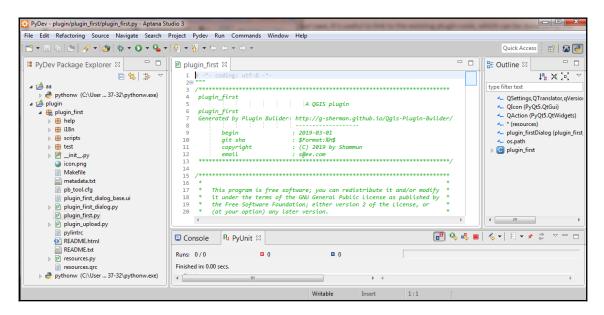


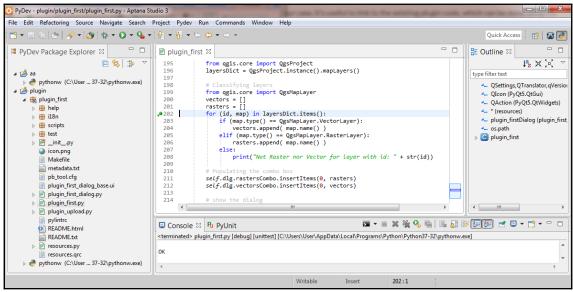




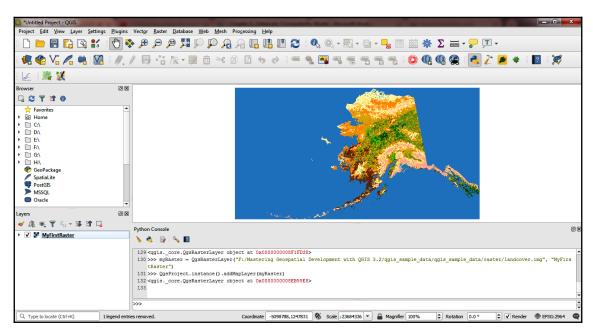


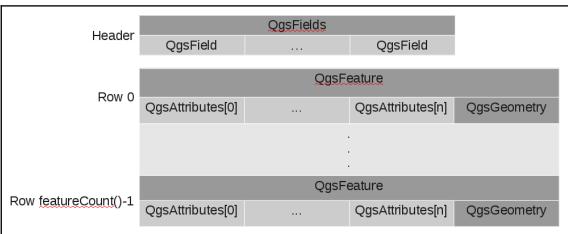


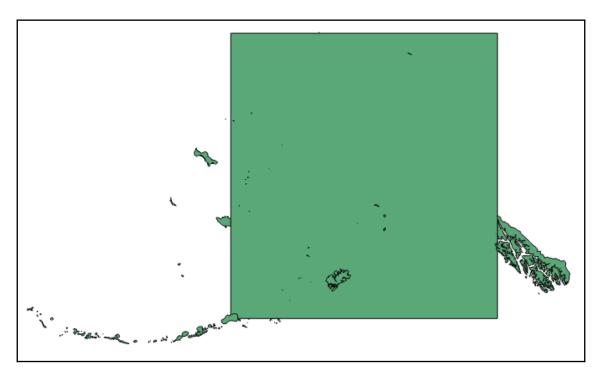




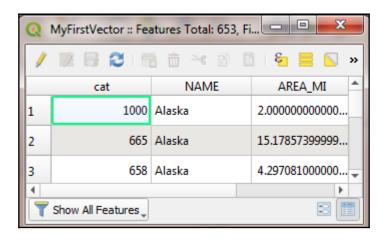
Chapter 11: PyQGIS Scripting











```
3d:tessellate ----- Tessellate
gdal:aspect ----- Aspect
gdal:assignprojection ----- Assign projection
gdal:buffervectors ----- Buffer vectors
gdal:buildvirtualraster ----- Build virtual raster
gdal:cliprasterbyextent ----- Clip raster by extent
gdal:cliprasterbymasklayer ----- Clip raster by mask layer
gdal:clipvectorbyextent ----- Clip vector by extent
gdal:clipvectorbypolygon ----- Clip vector by mask layer
gdal:colorrelief ----- Color relief
gdal:contour ----- Contour
gdal:convertformat ----- Convert format
gdal:dissolve ----- Dissolve
```

