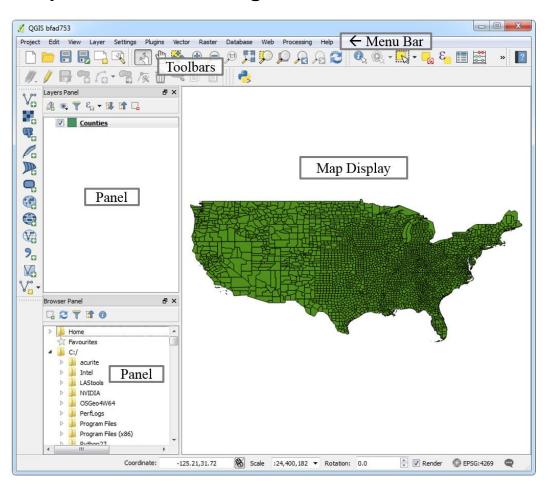
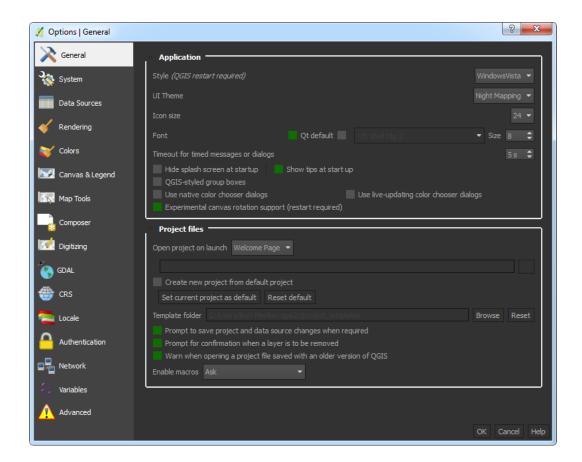
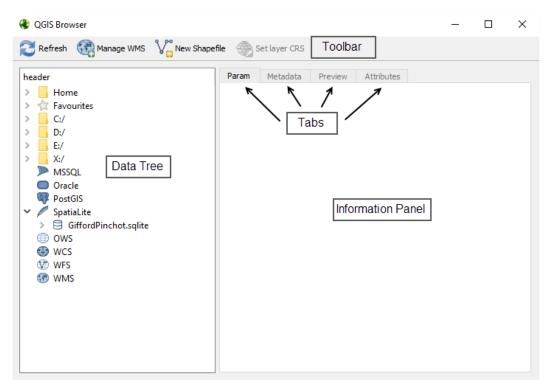
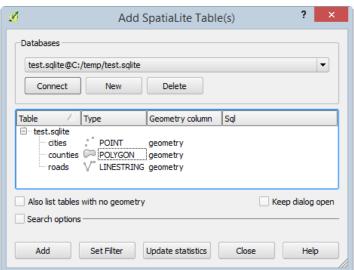
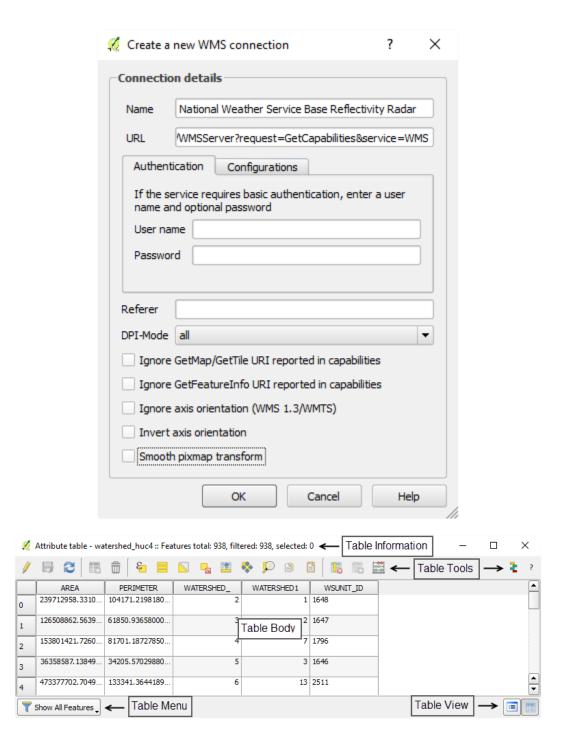
Chapter 1 - A Refreshing Look at QGIS

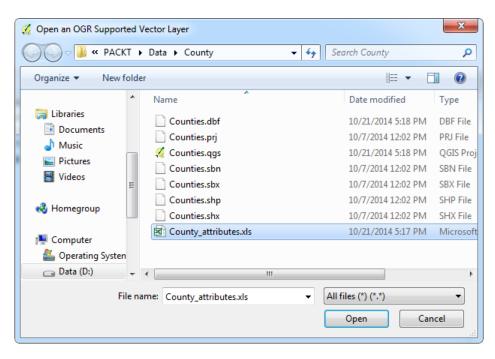


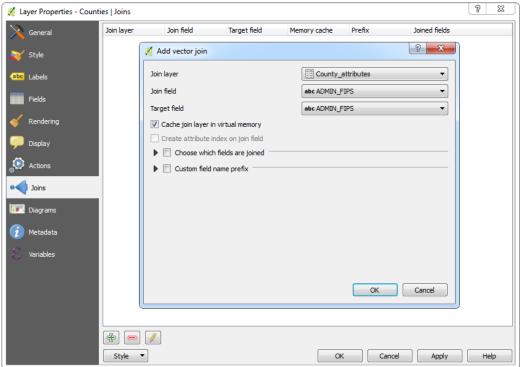




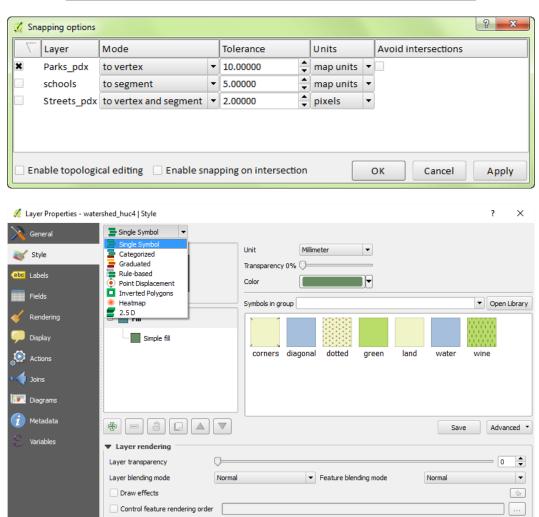




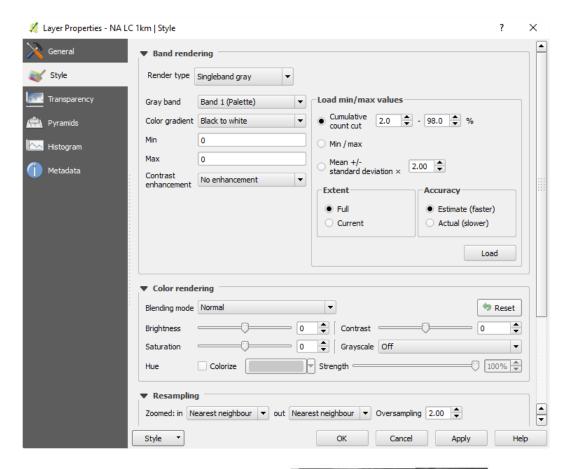


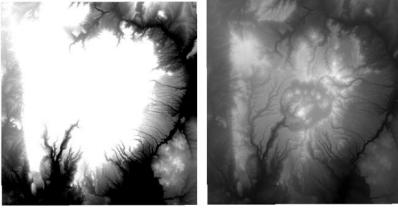


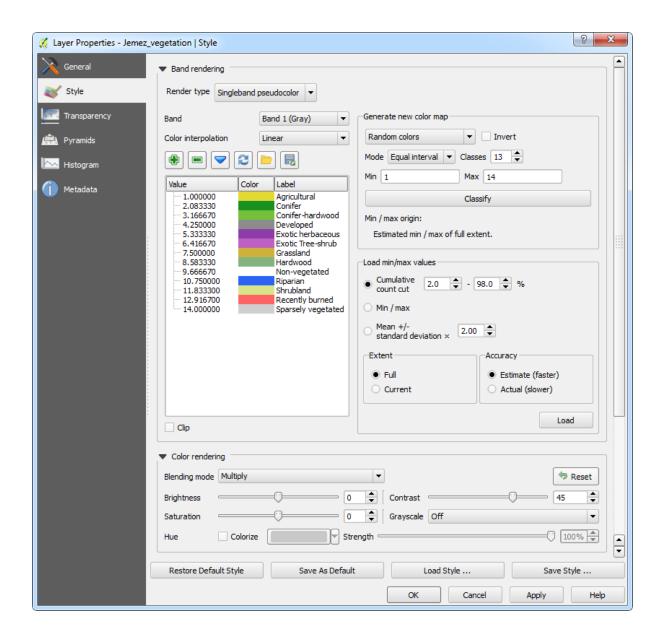


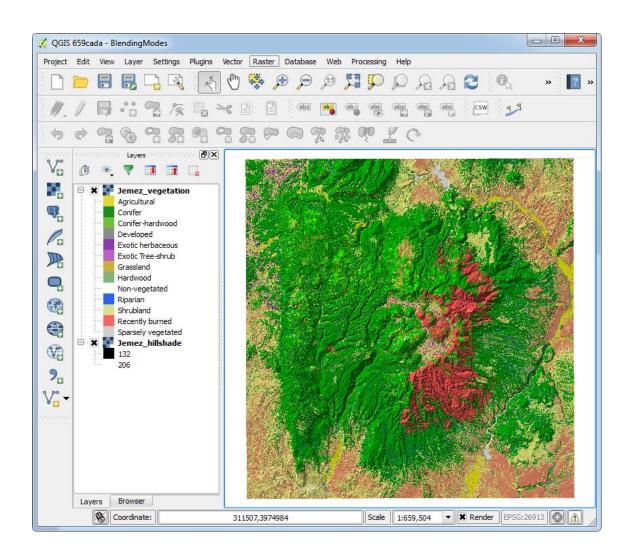


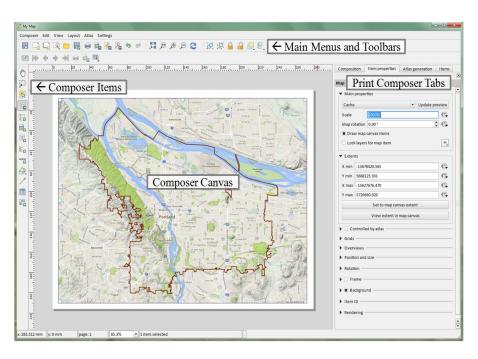
Style ▼

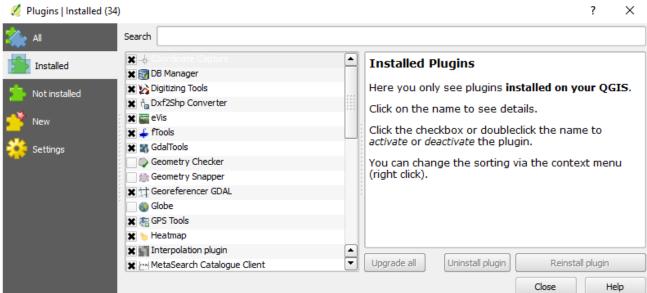


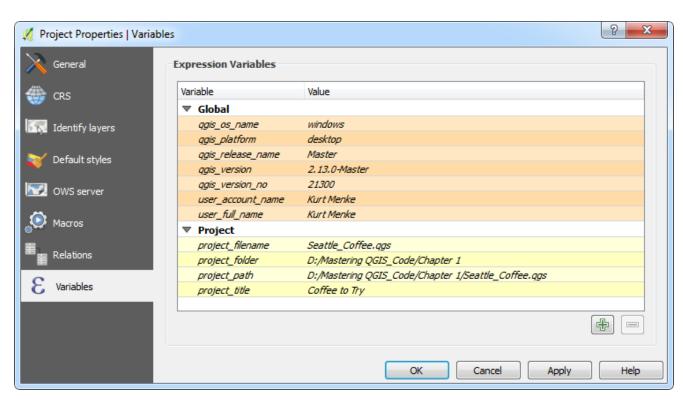


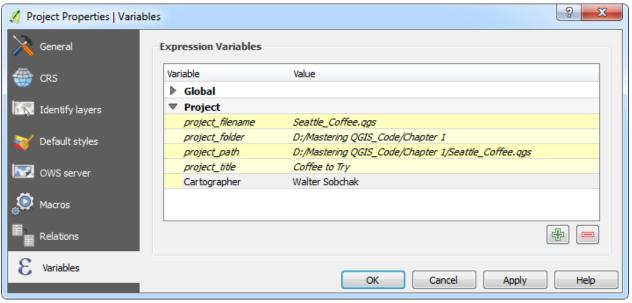


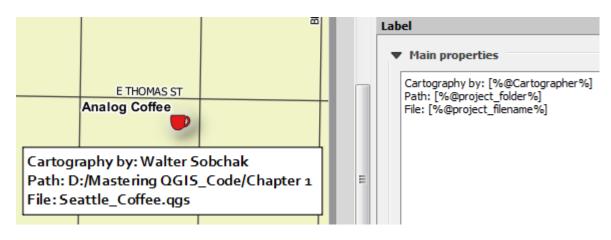




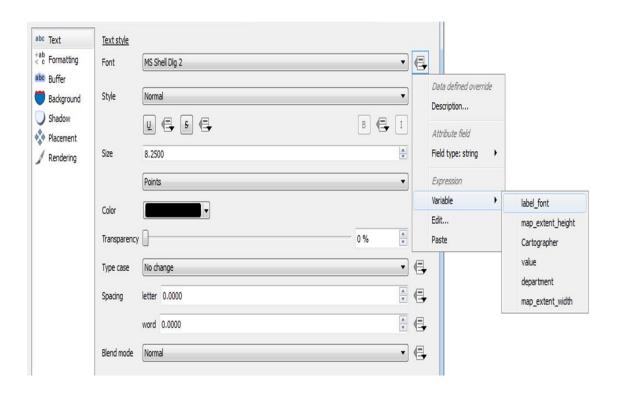


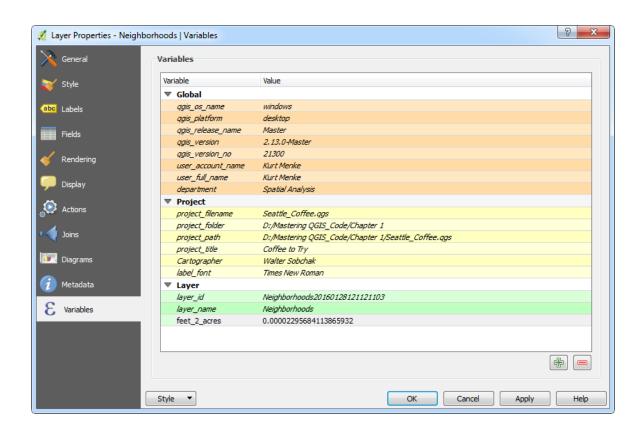


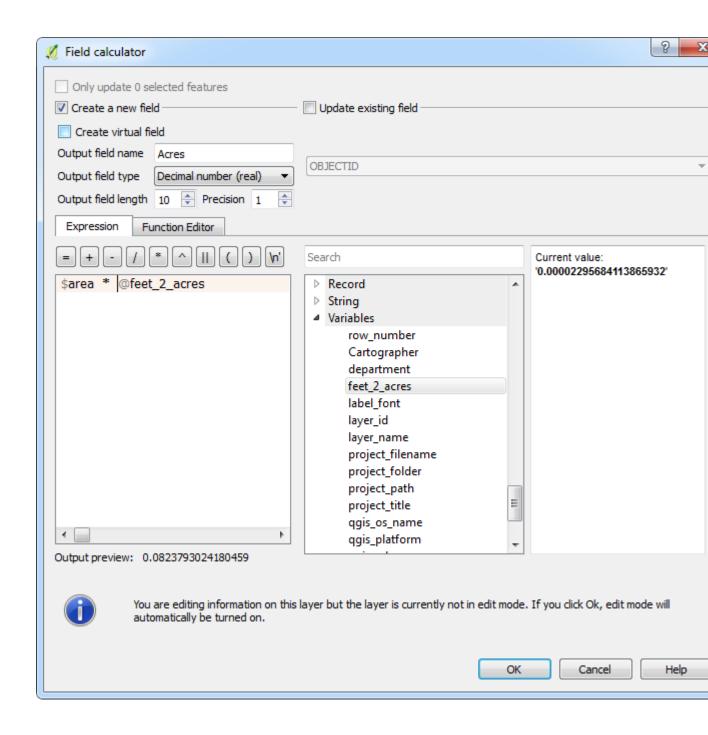




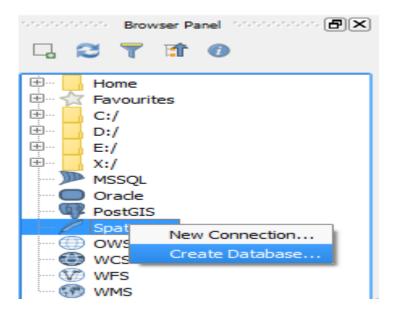
Variable		Value
₩	Global	
	qgis_os_name	windows
	qgis_platform	desktop
	qgis_release_name	Master
	qgis_version	2.13.0-Master
	qgis_version_no	21300
	user_account_name	Kurt Menke
	user_full_name	Kurt Menke
	department	Spatial Analysis
₩	Project	
	project_filename	Seattle_Coffee.qgs
	project_folder	D:/Mastering QGIS_Code/Chapter 1
	project_path	D:/Mastering QGIS_Code/Chapter 1/Seattle_Coffee.qgs
	project_title	Coffee to Try
	Cartographer	Walter Sobchak
	department	Survey

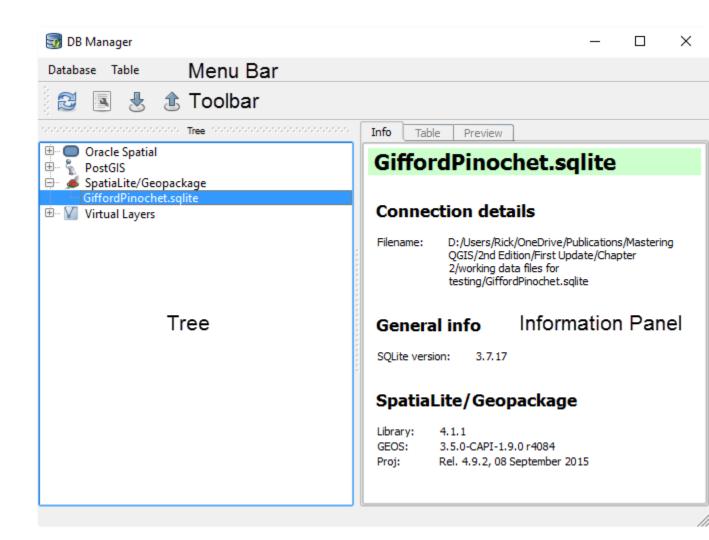


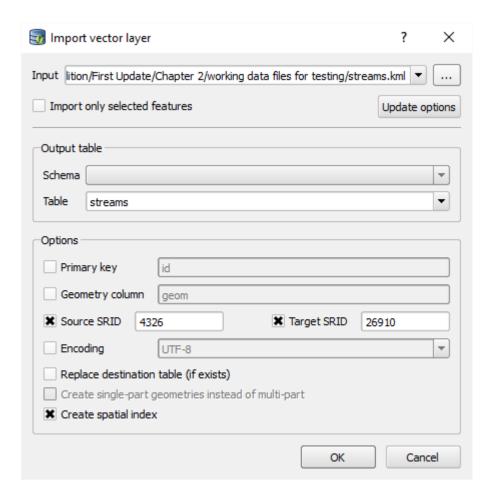


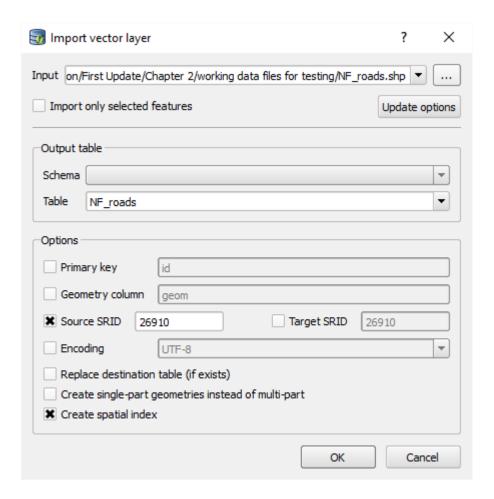


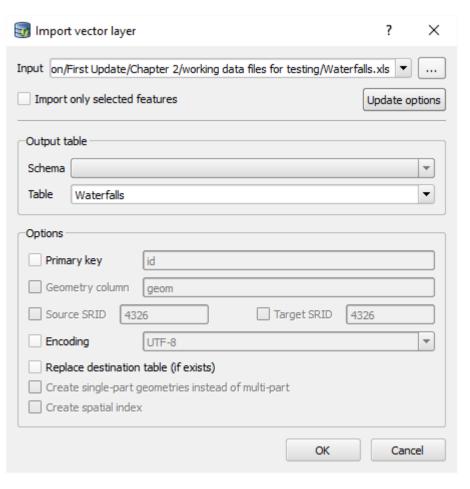
Chapter 2 – Creating Spatial Databases

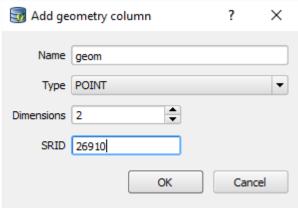


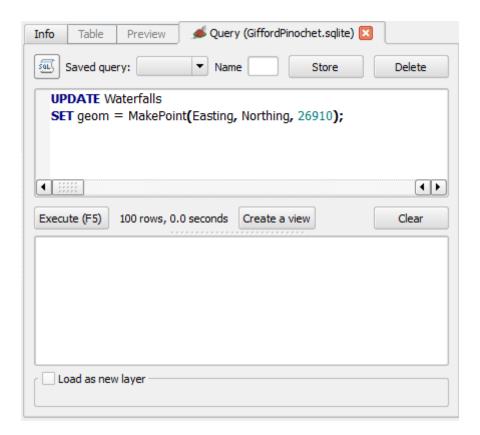


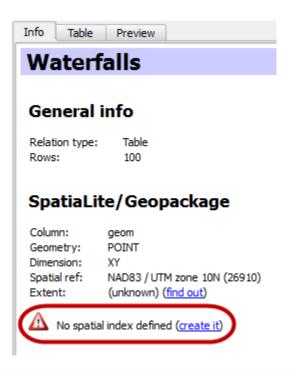


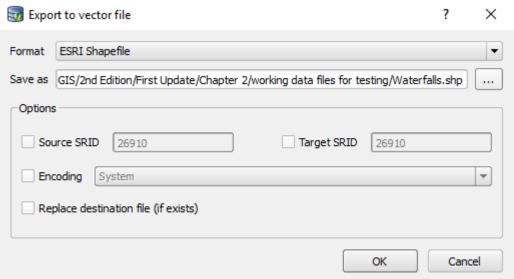


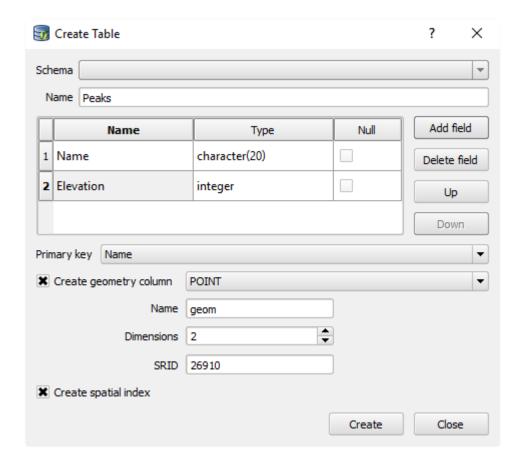


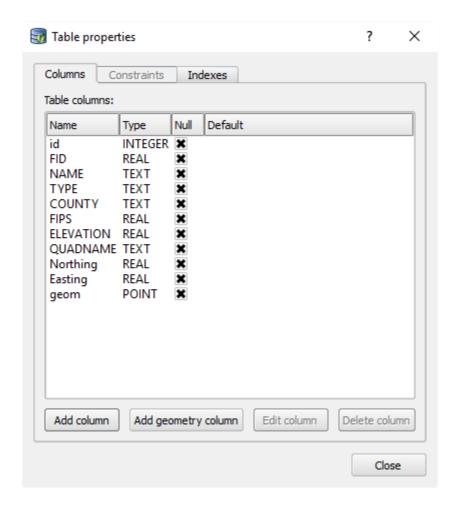


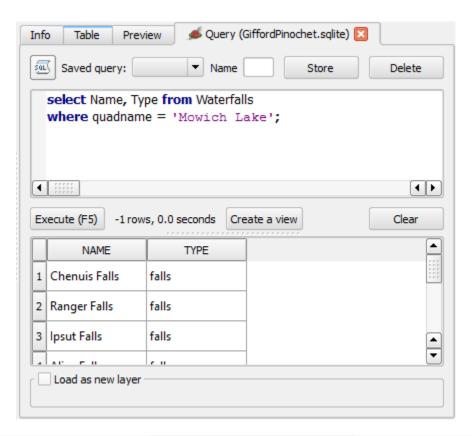


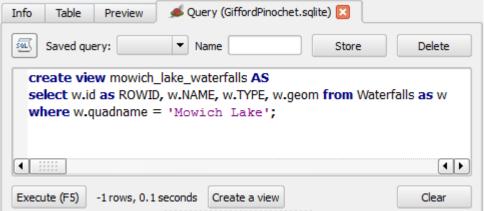






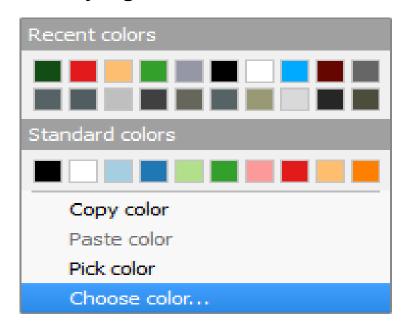


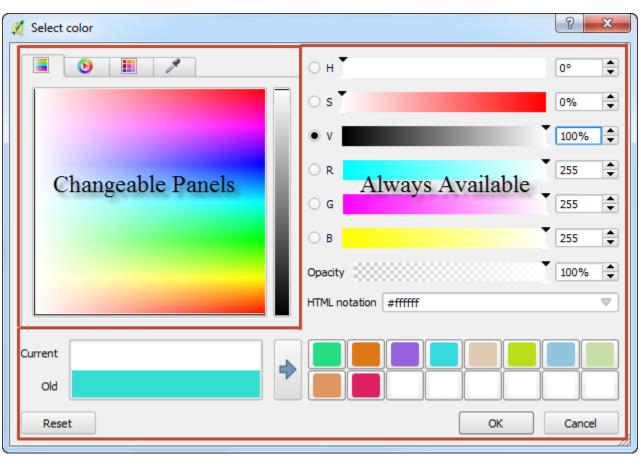




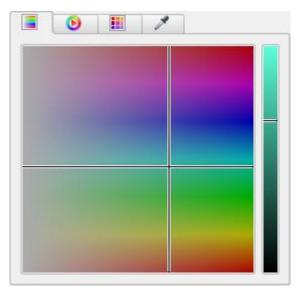


Chapter 3 – Styling Raster and Vector Data

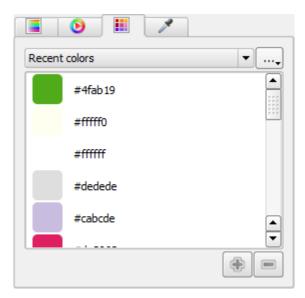




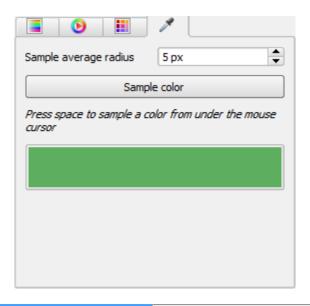


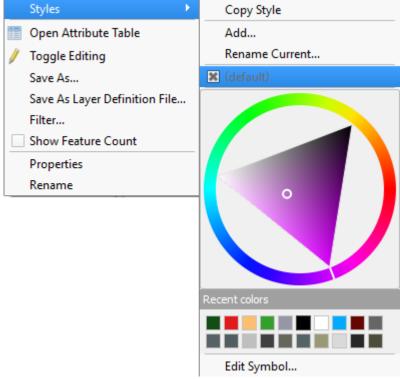


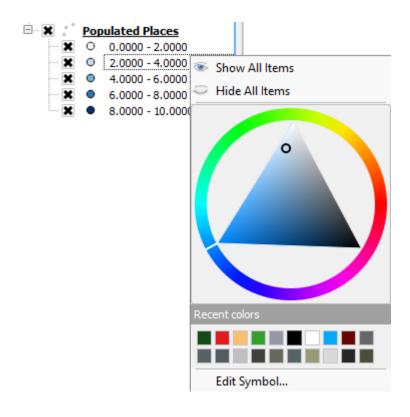


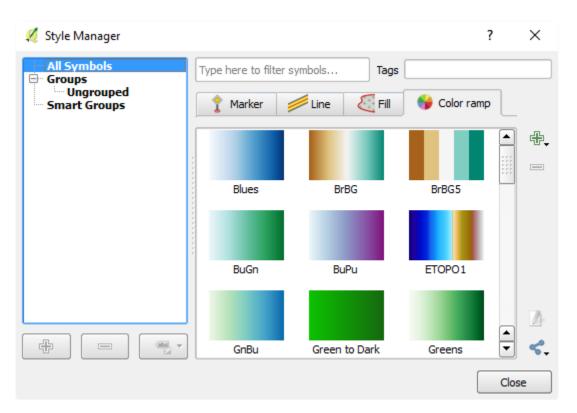


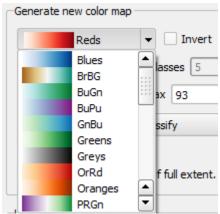


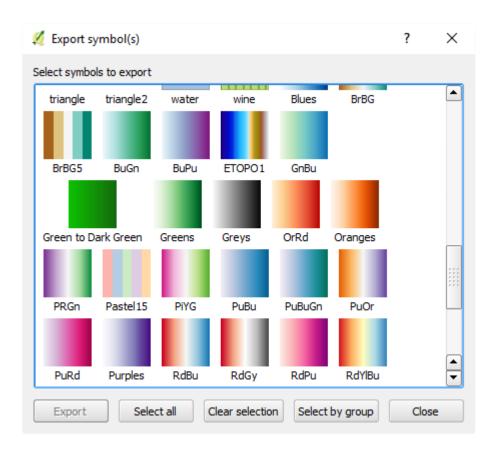


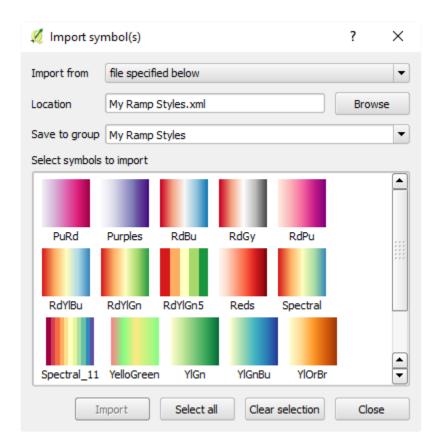


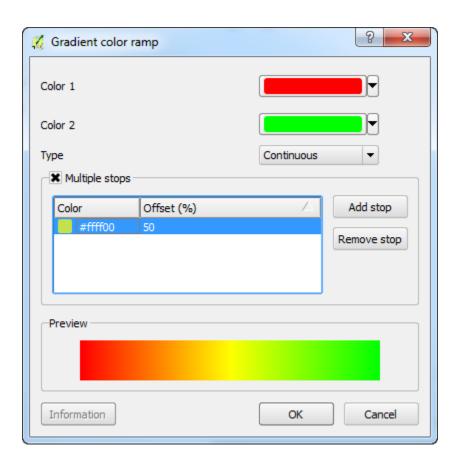


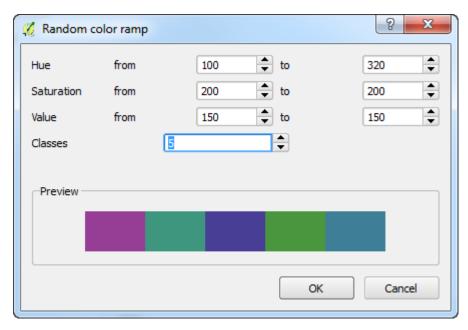


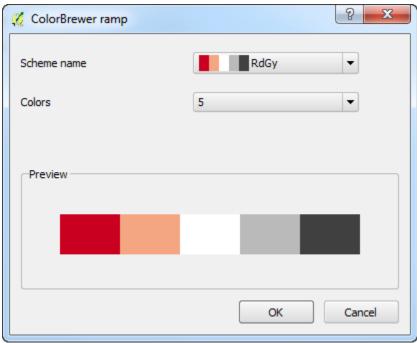


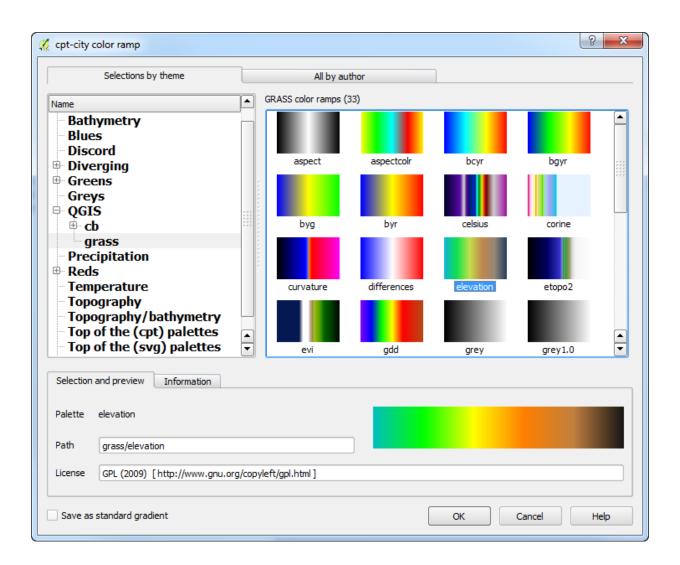


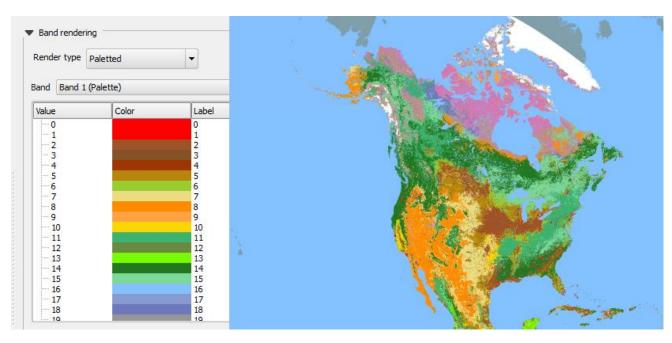


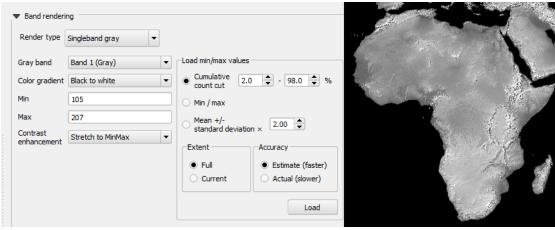


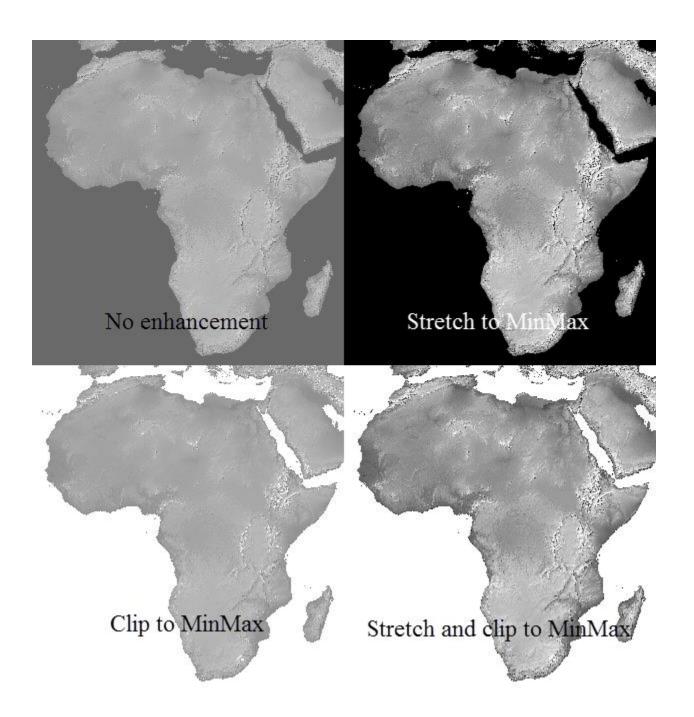


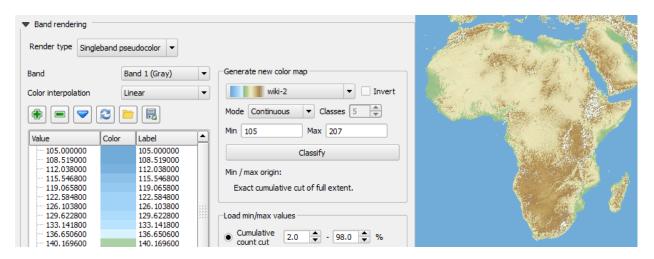


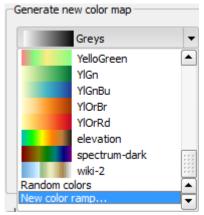


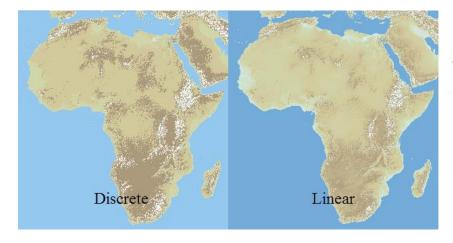




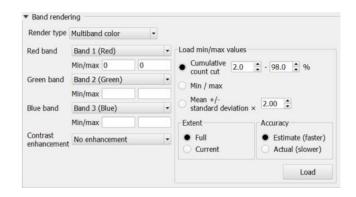




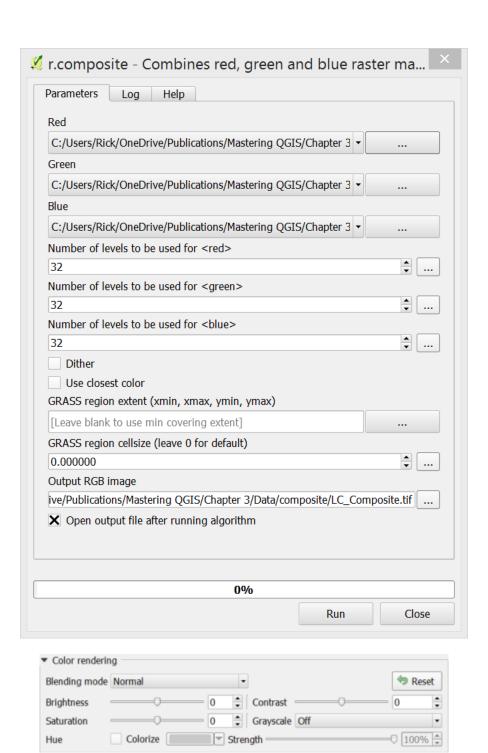


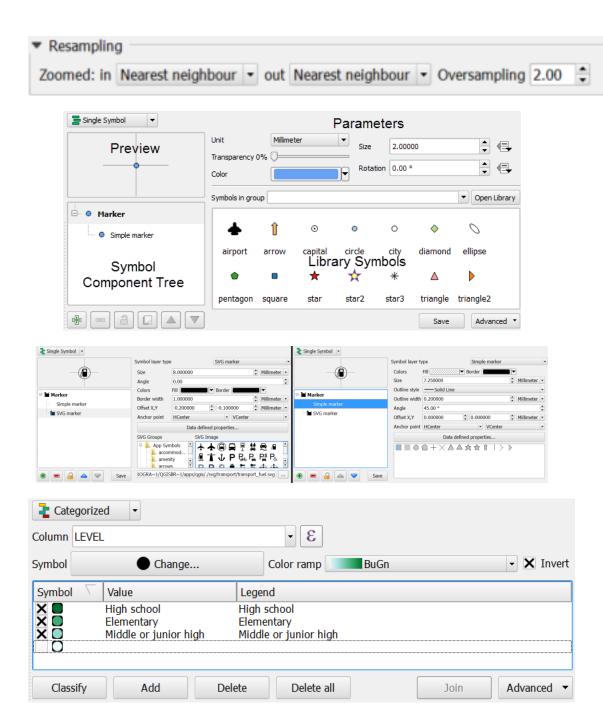


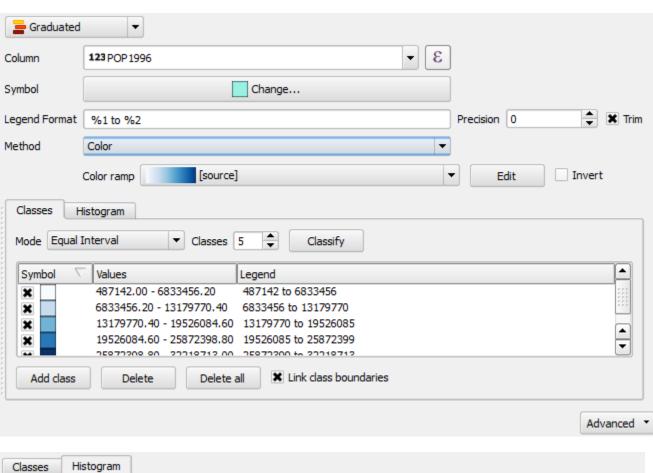
Exact

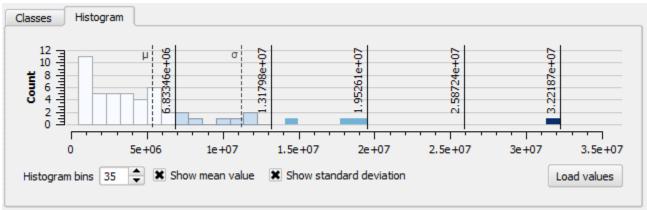


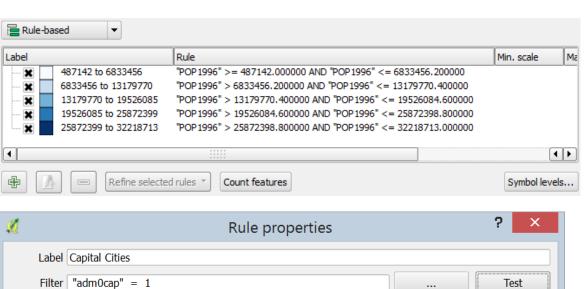


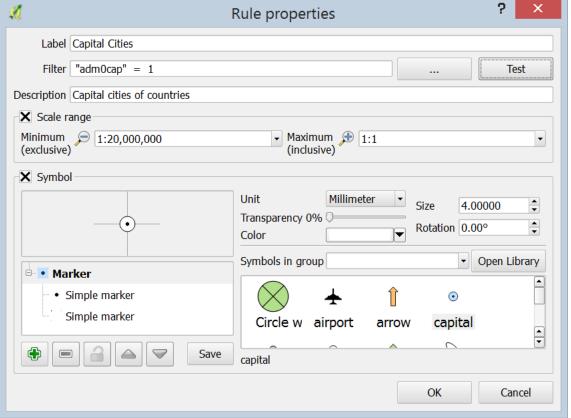


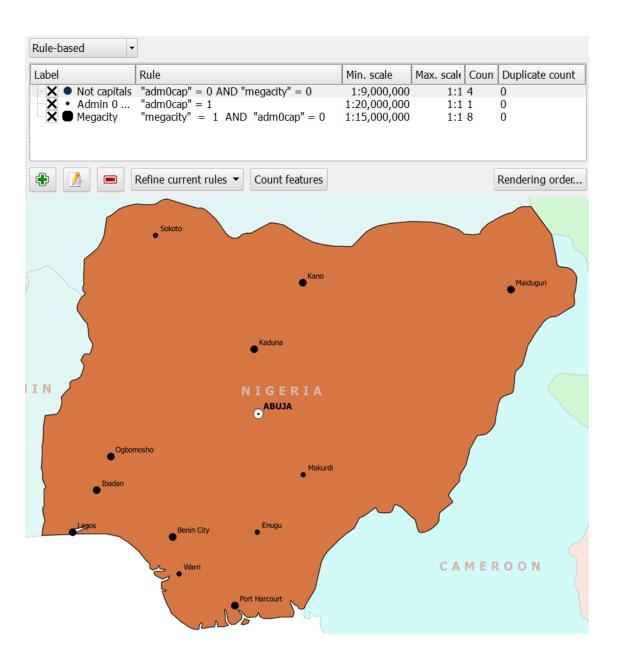


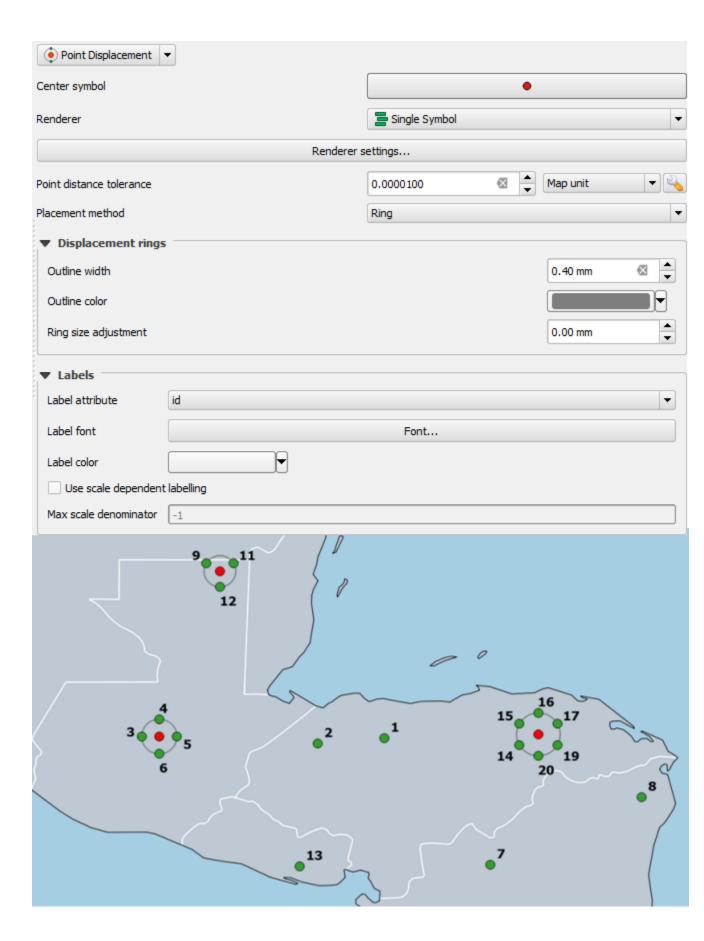


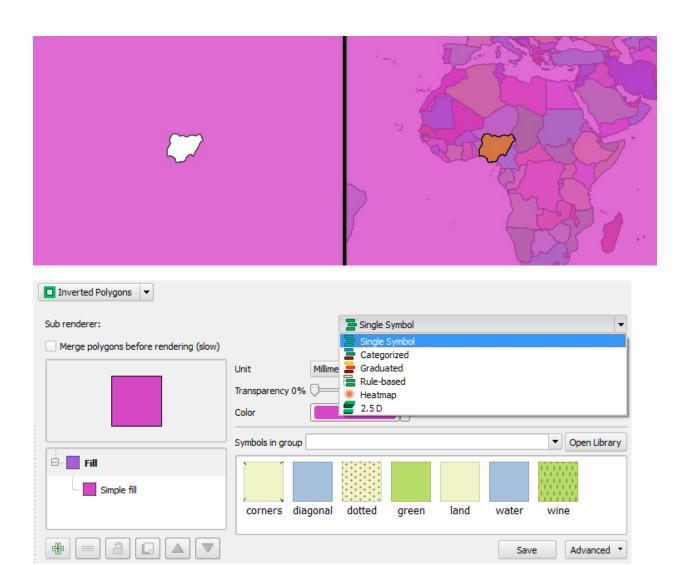








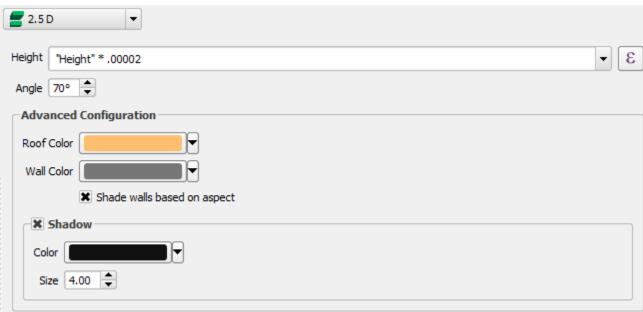


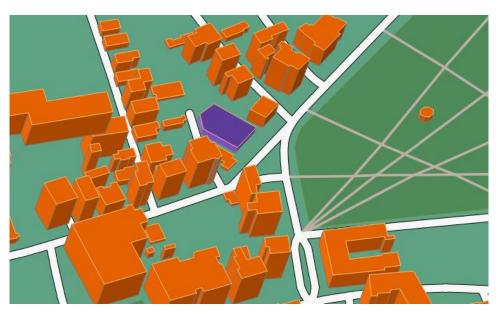


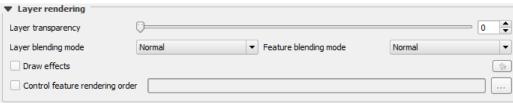


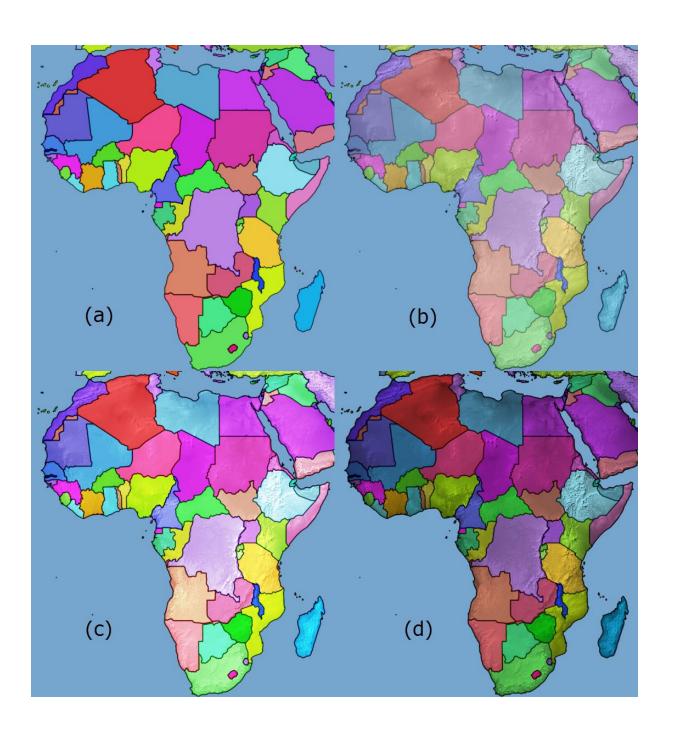


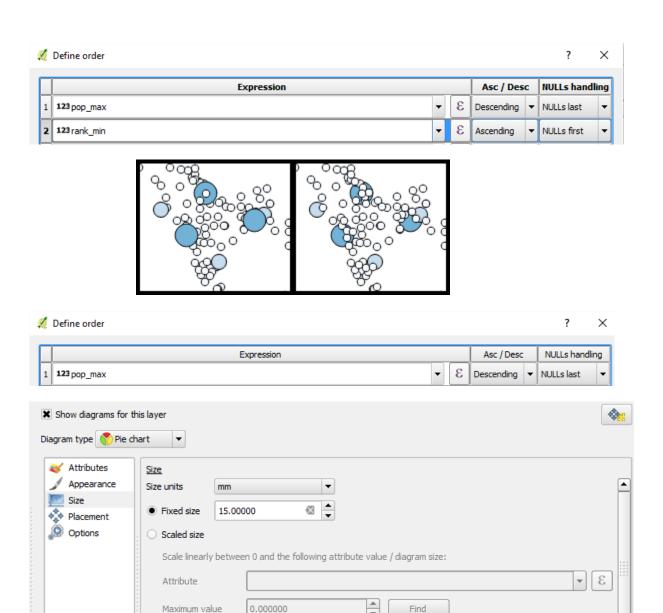










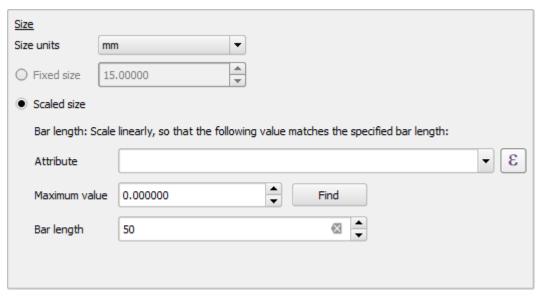


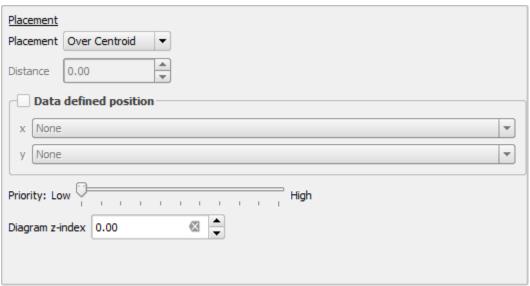
Area

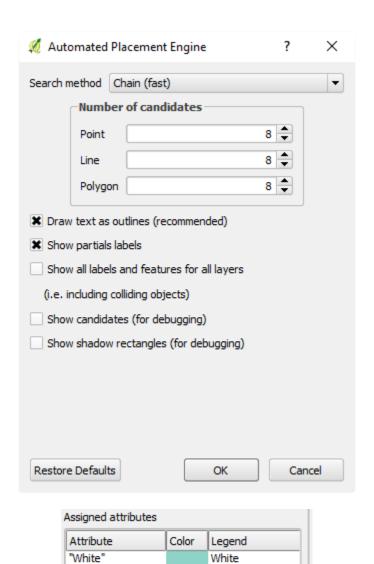
~

50

☐ Increase size of small diagrams Minimum size 0.000000







Black

Asian

Other

Native American

Native Hawaii

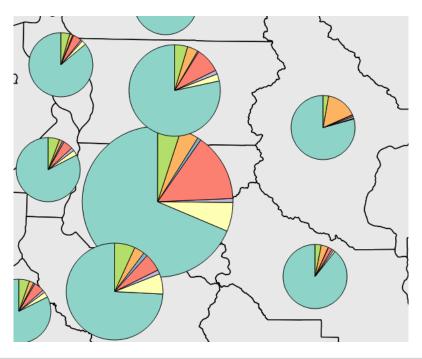
"Black"

"Asian"

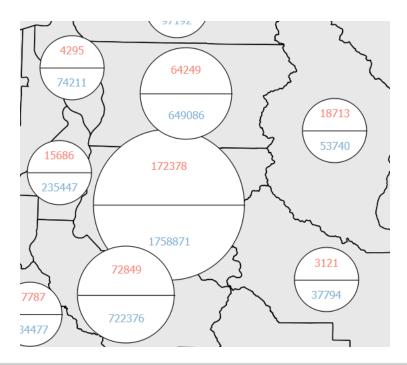
"Other"

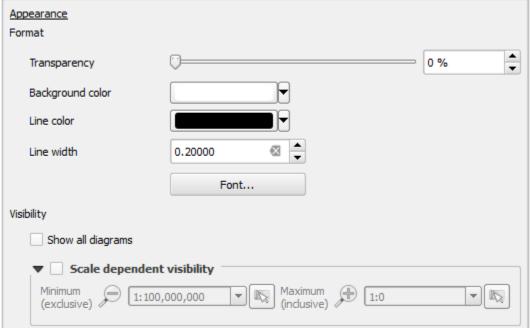
"NativeAm"

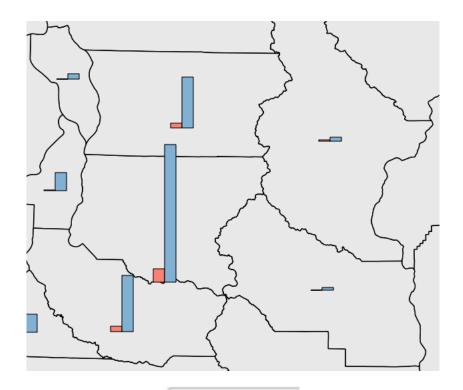
"NativeHI"







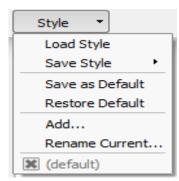




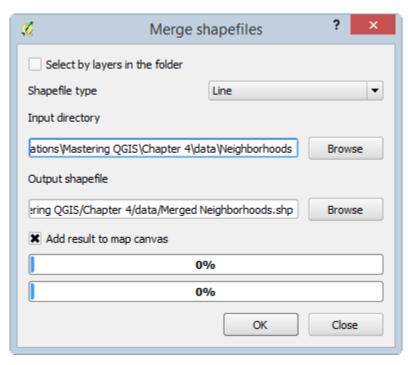
Options

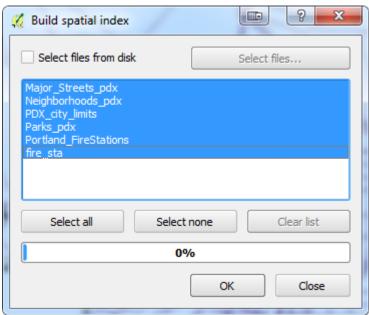
Bar Orientation

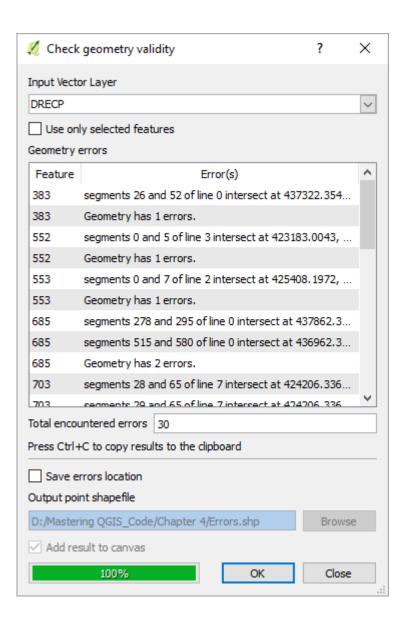
- Up
- Down
- Right
- O Left

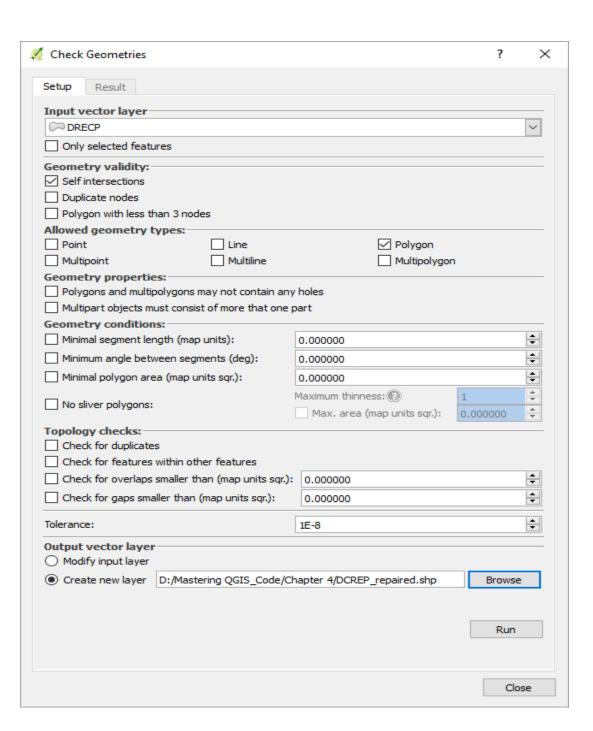


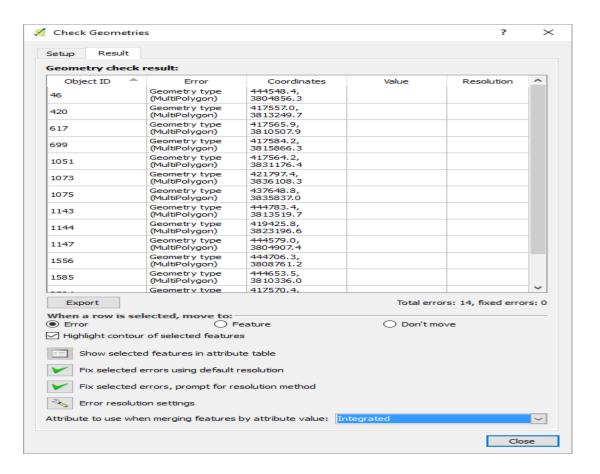
Chapter 4 – Preparing Vector Data for Processing

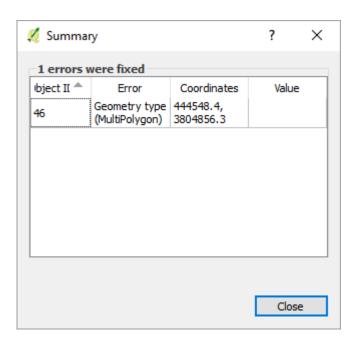


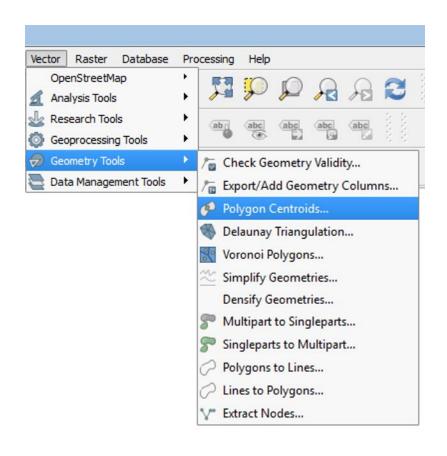


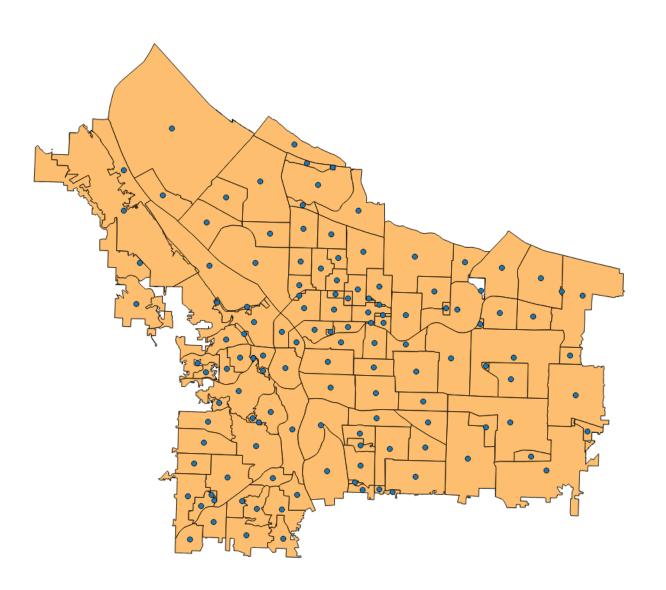


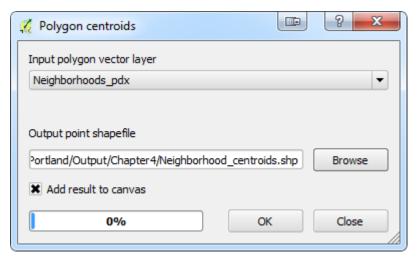


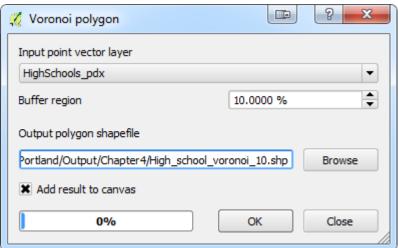


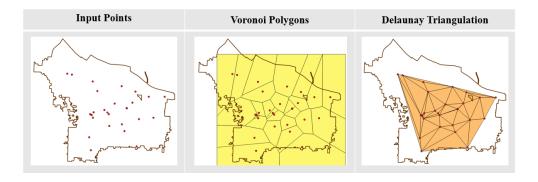


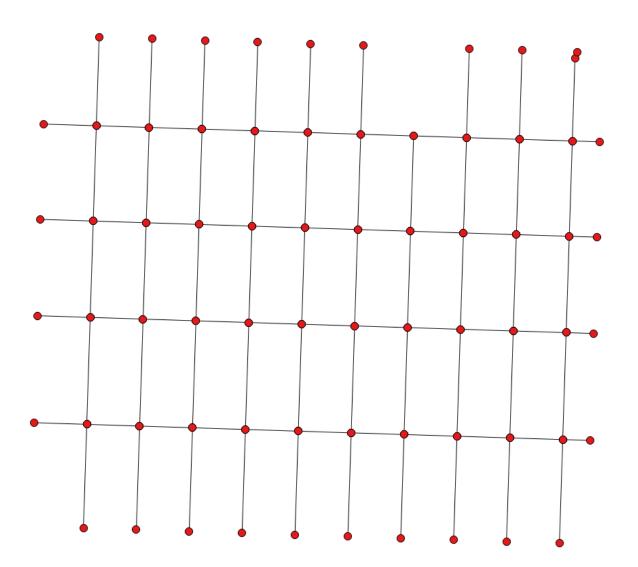


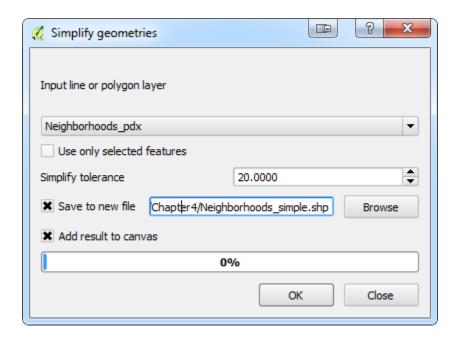








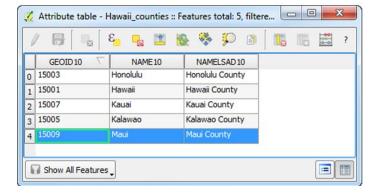




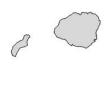






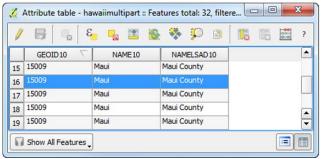




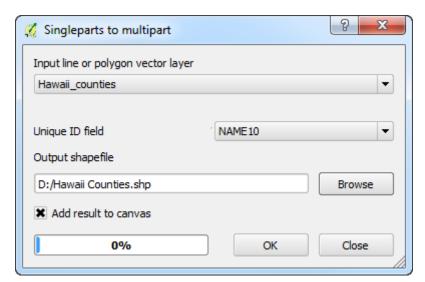


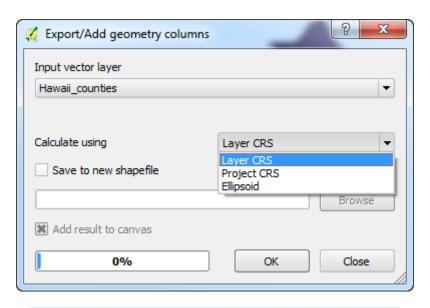


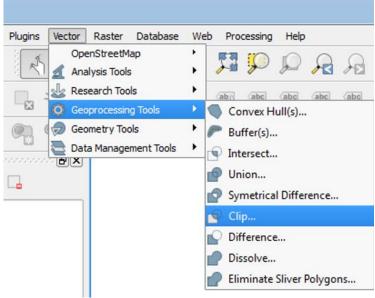


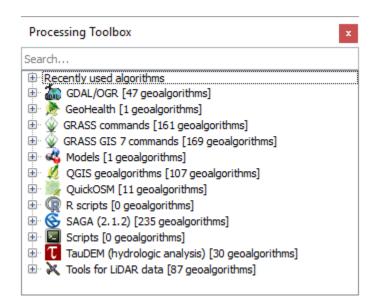


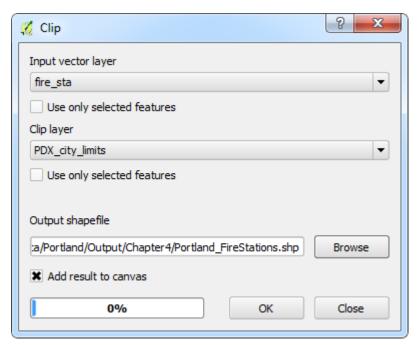


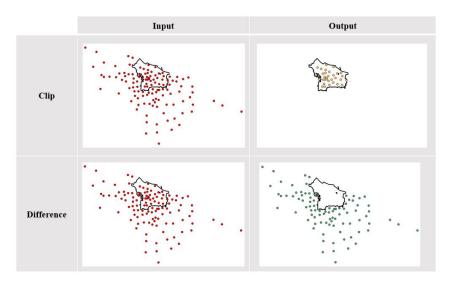


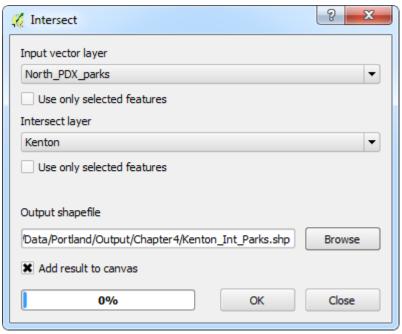


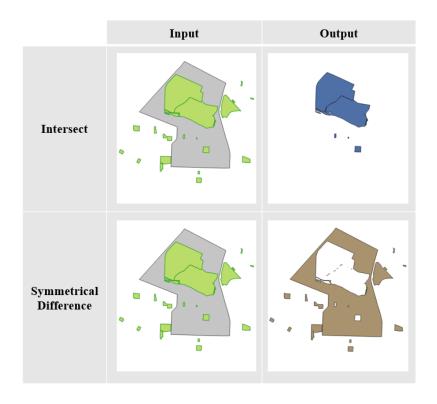


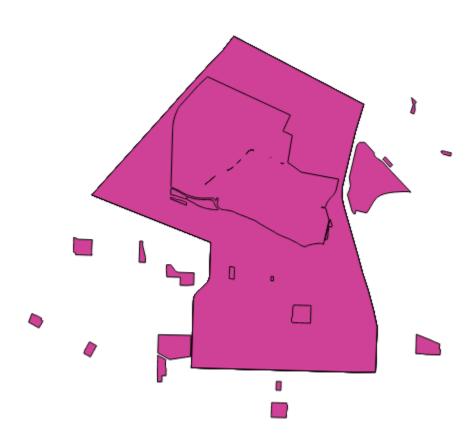


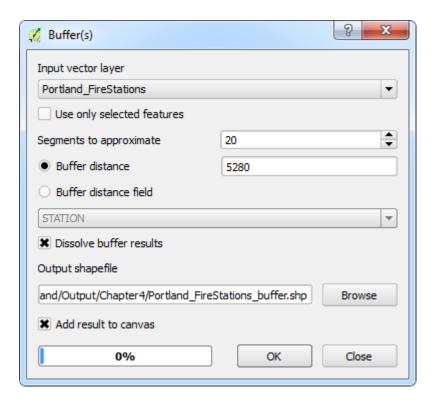


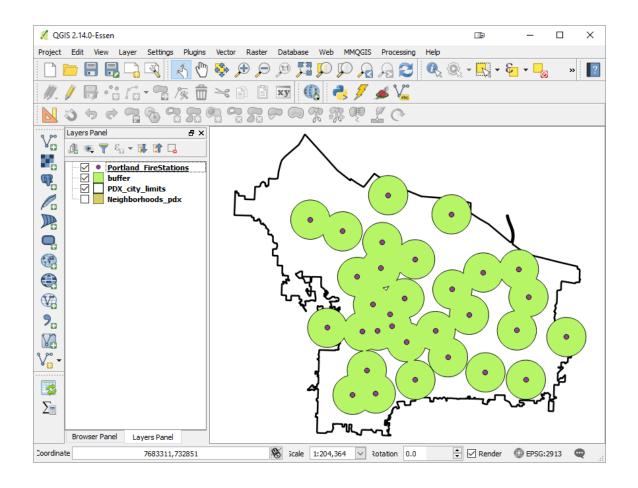


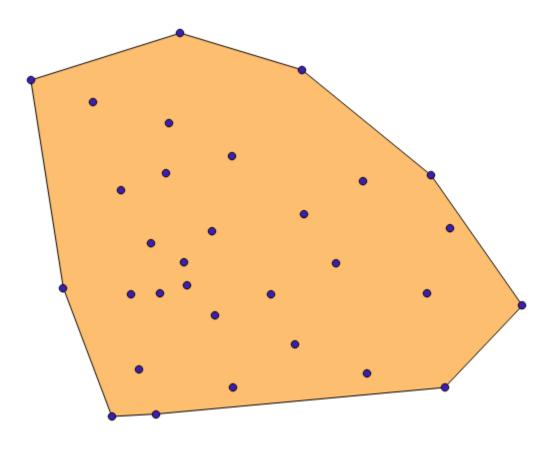


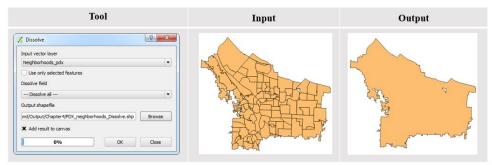






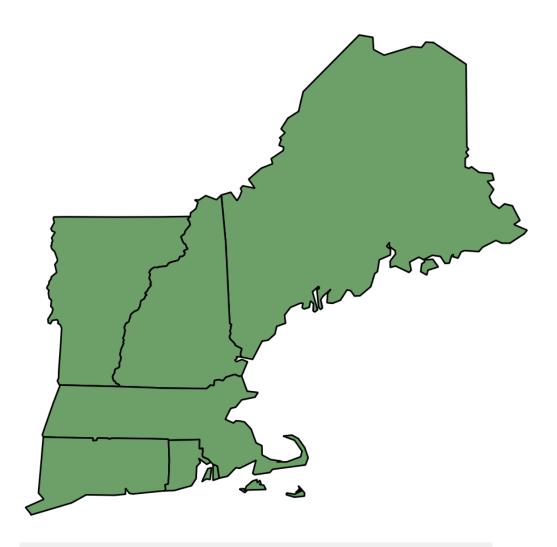






USA_Eckert_IV

+proj=eck4 +lon_0=-96.0 +x_0=0 +y_0=0 +datum=WGS84 +units=m +no_defs



Name

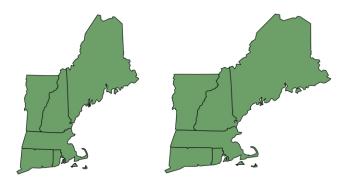
New England Albers Equal Area Conic

Parameters

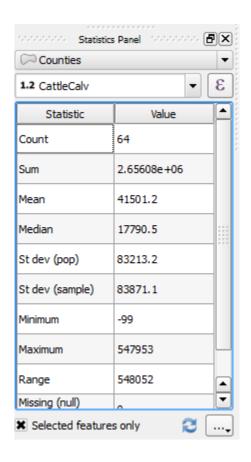
+proj=aea +lat_1=42.5 +lat_2=45 +lat_0=43.75 +lon_0=-71 +x_0=0 +y_0=0 +datum=NAD83 +units=m +no_defs

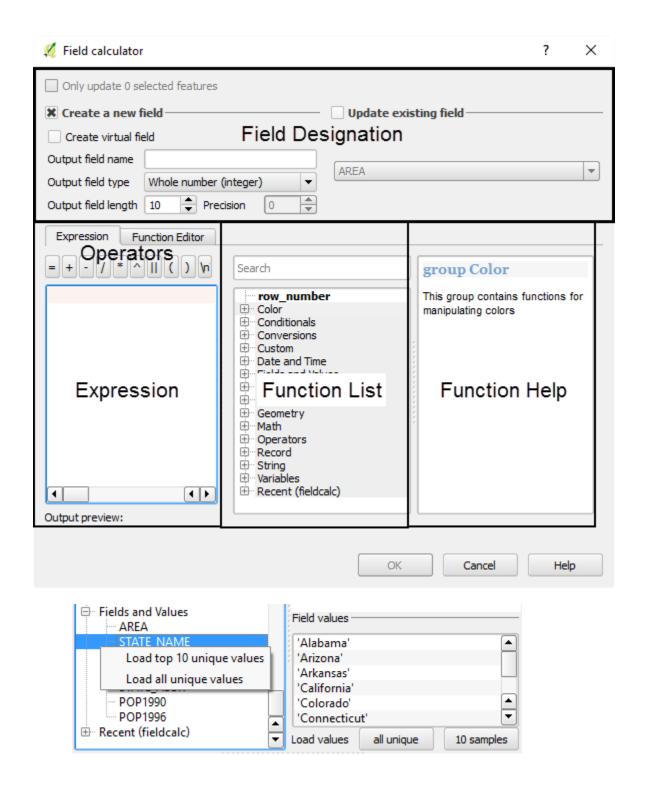
☐ User Defined Coordinate Systems

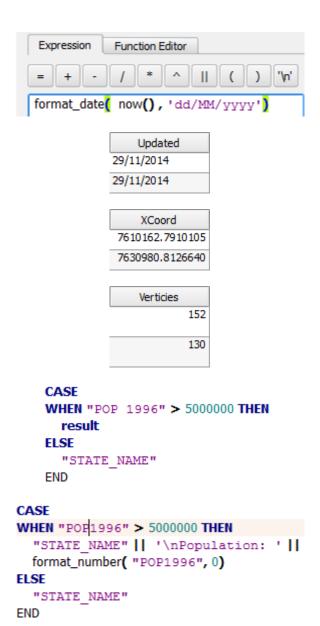
New England Albers Equal Area Conic

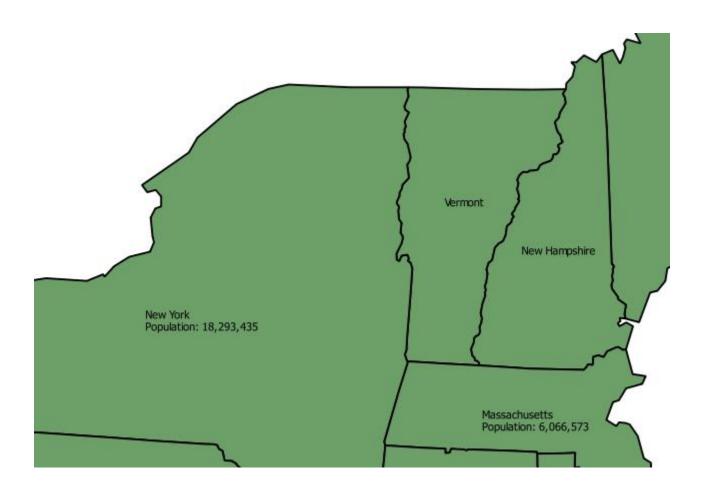


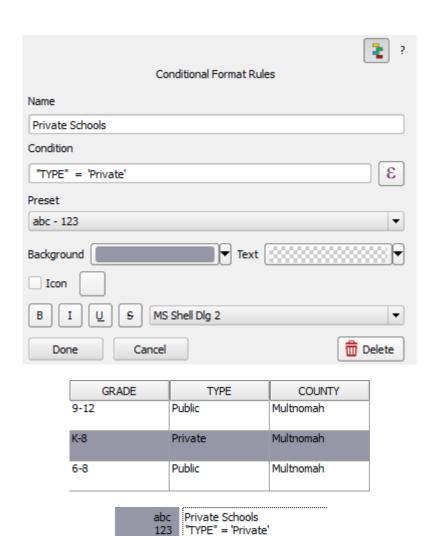








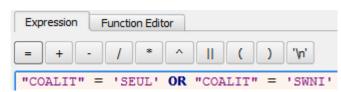


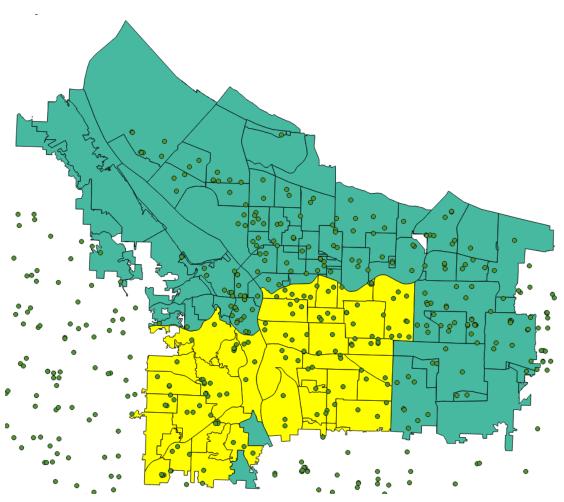


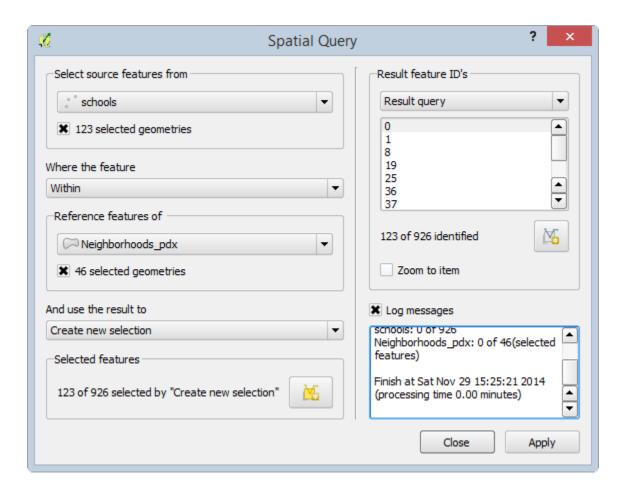
Elementary	233	Tigard-Tualatin	K-5	Public
Elementary	NULL	Archdiocese o	K-8	Private
Elementary	12	North Clacka	K-5	Public

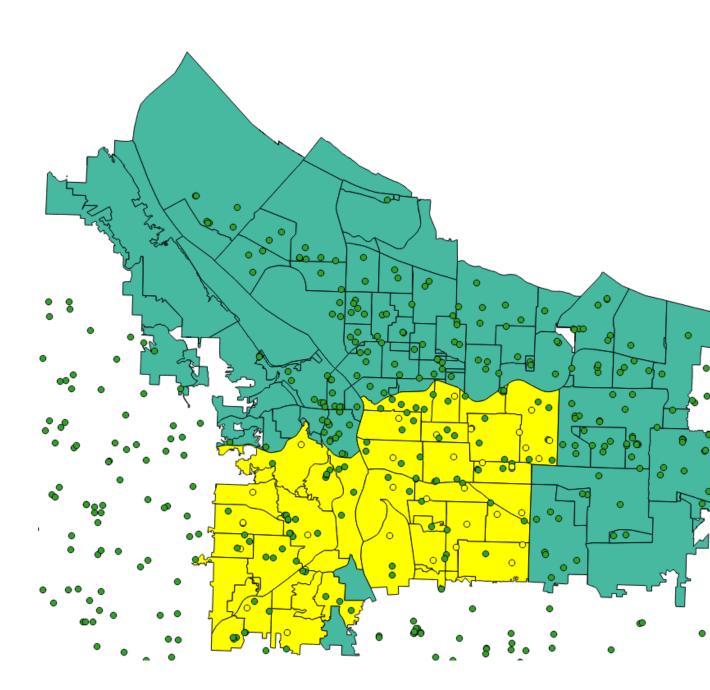
abc Elementary Schools 123 "LEVEL" = 'Elementary'



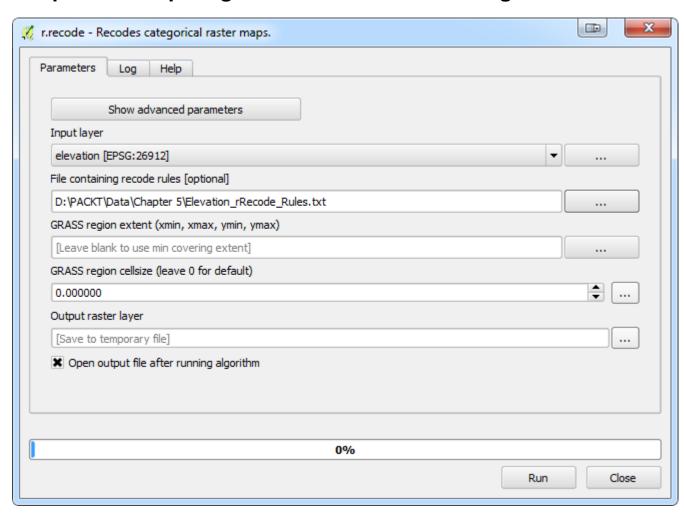


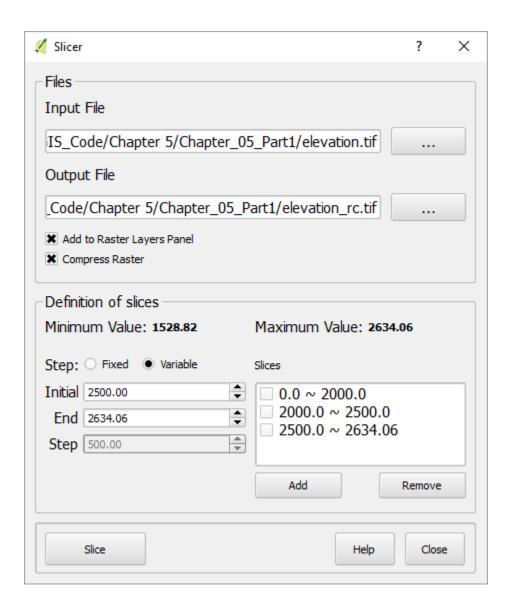


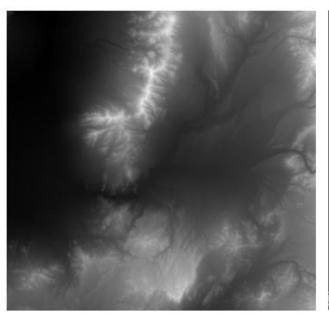


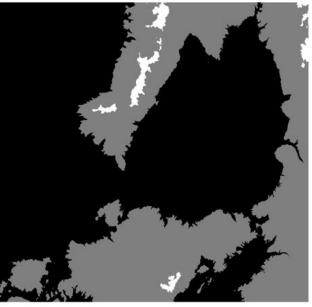


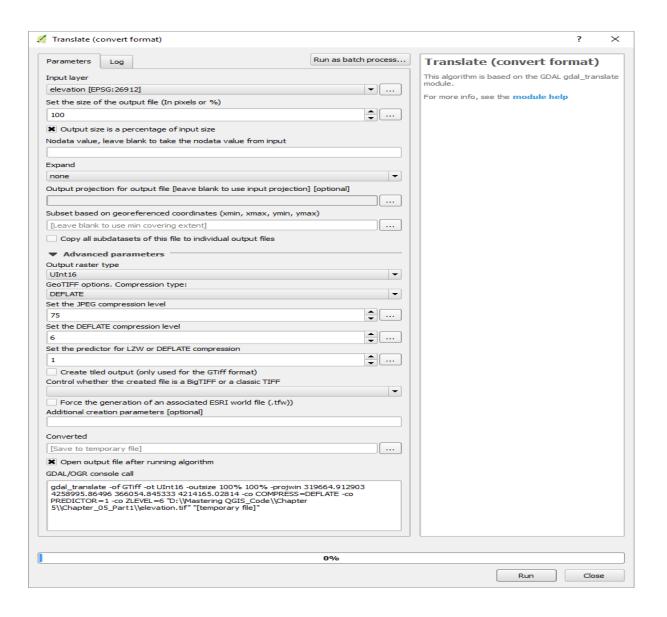
Chapter 5 – Preparing Raster Data for Processing

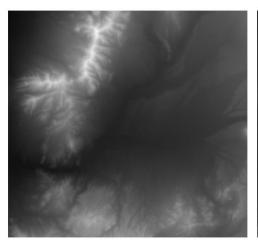


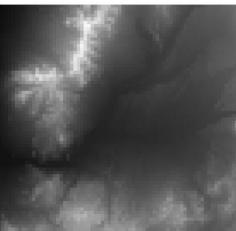


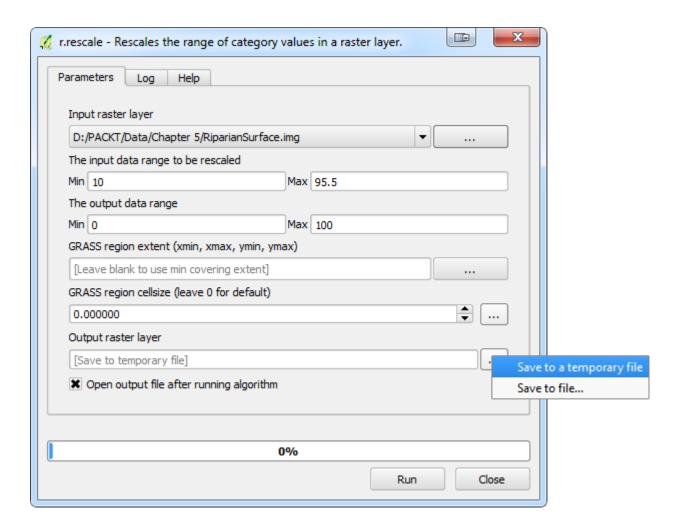


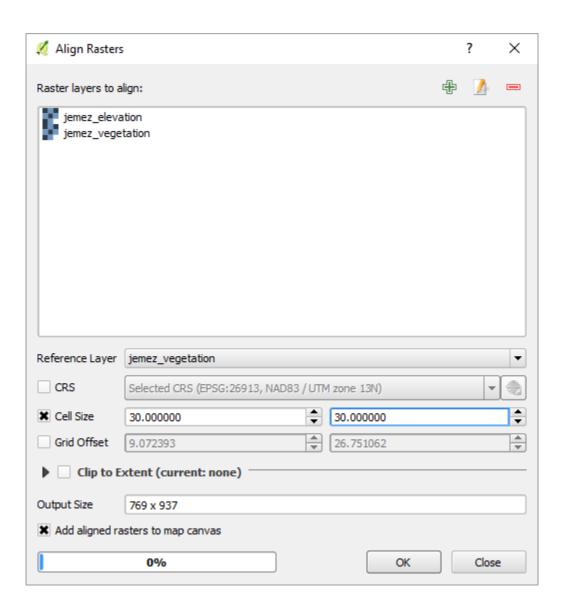


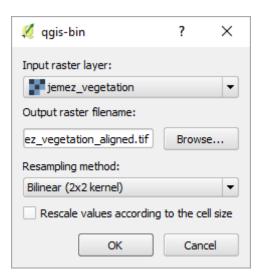


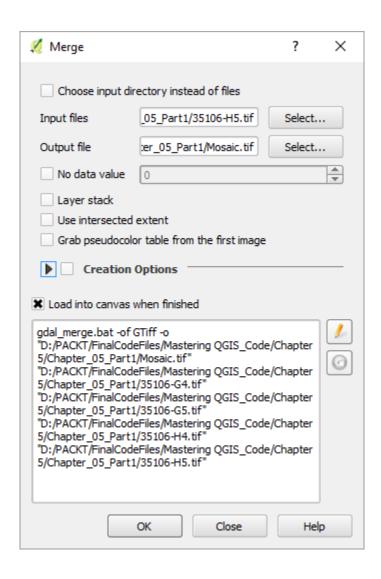


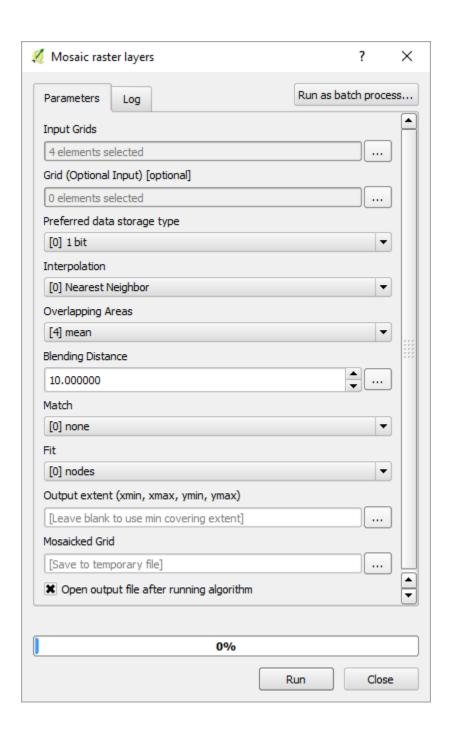


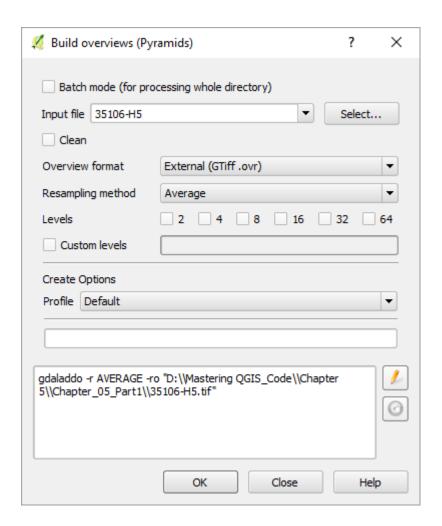


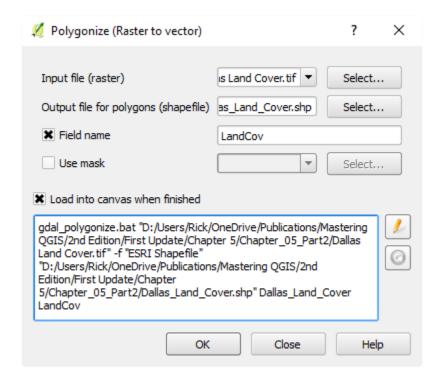


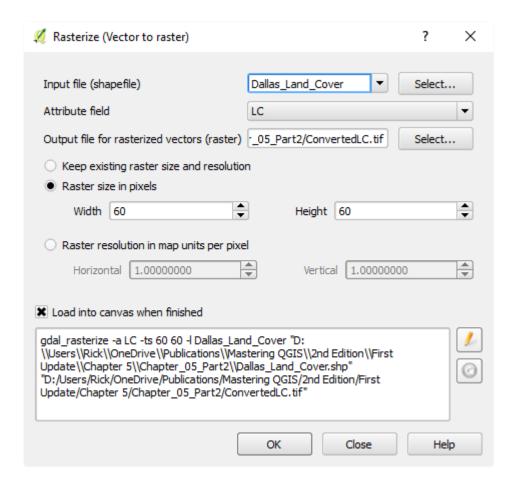


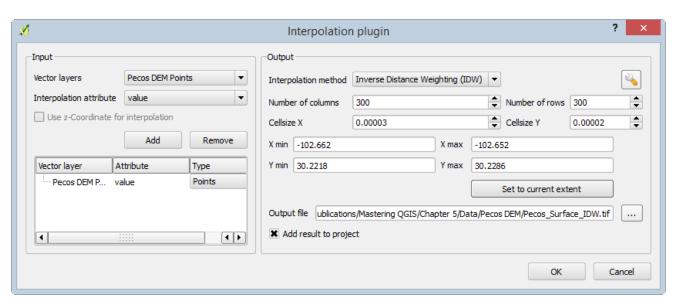


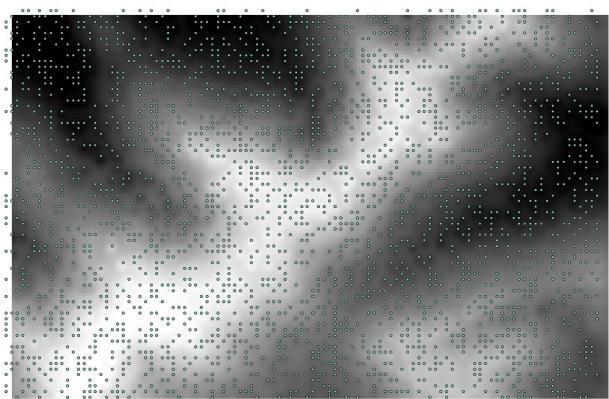








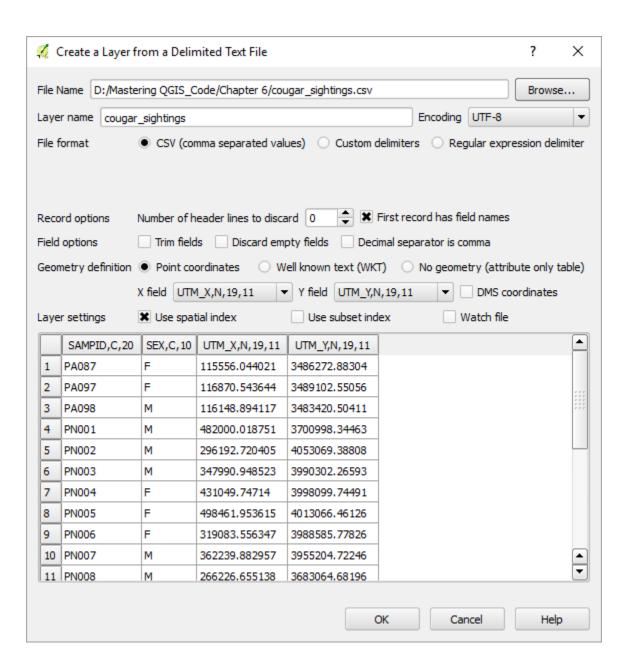


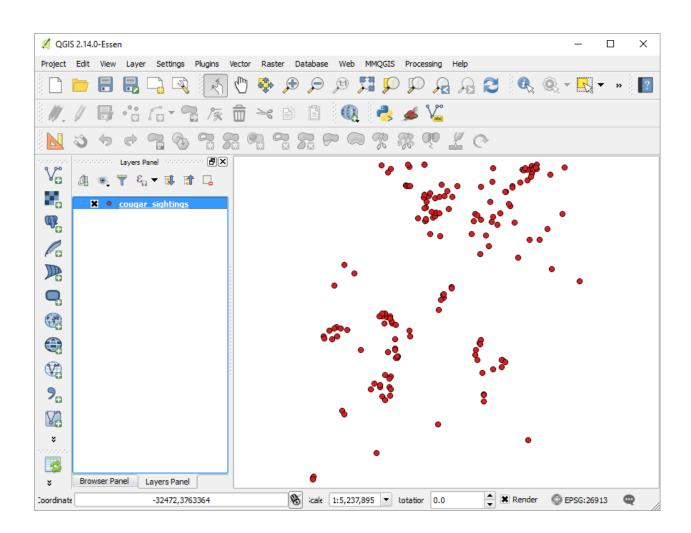


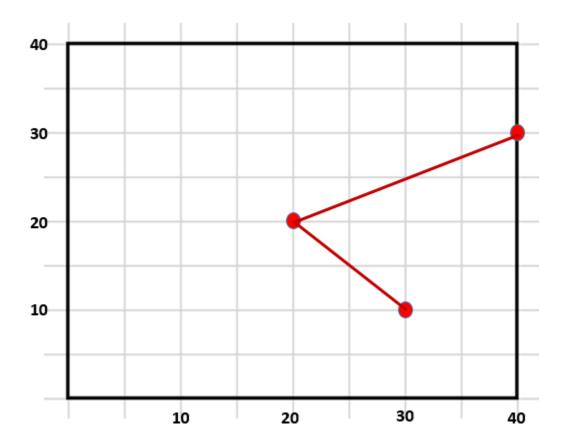
Chapter 6 - Advanced Data Creation and Editing

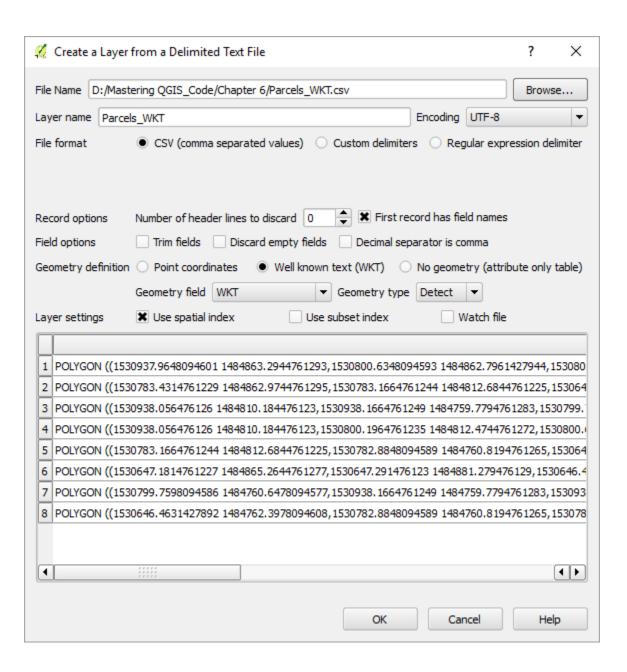


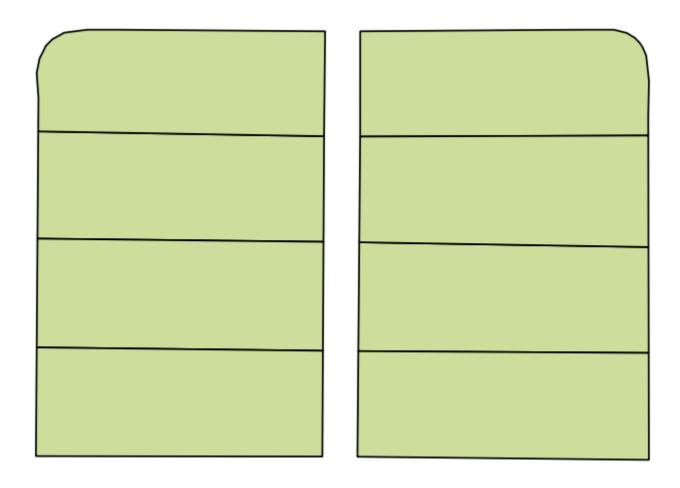
```
"SAMPID,C,20", "SEX,C,10", "UTM_X,N,19,11", "UTM_Y,N,19,11"
PA087,F,115556.044021,3486272.88304
PA097,F,116870.543644,3489102.55056
PA098,M,116148.894117,3483420.50411
PN001,M,482000.018751,3700998.34463
PN002,M,296192.720405,4053069.38808
PN003,M,347990.948523,3990302.26593
PN004,F,431049.74714,3998099.74491
PN005,F,498461.953615,4013066.46126
PN006,F,319083.556347,3988585.77826
```

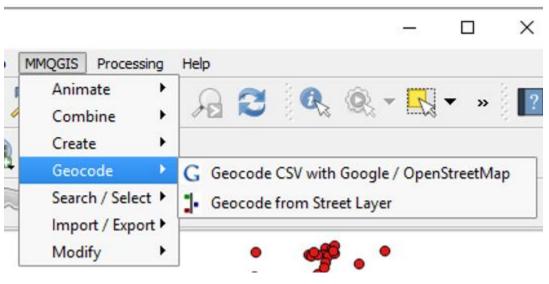


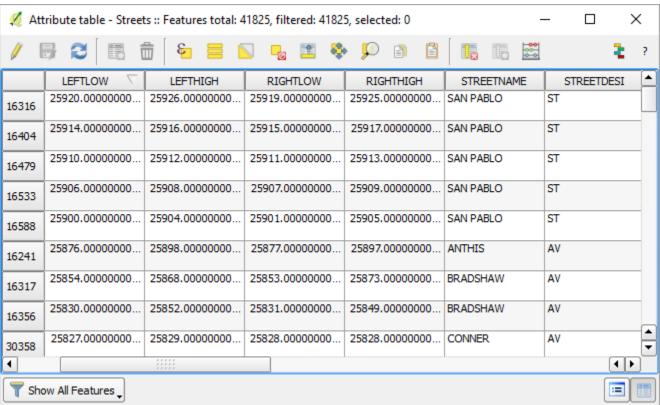




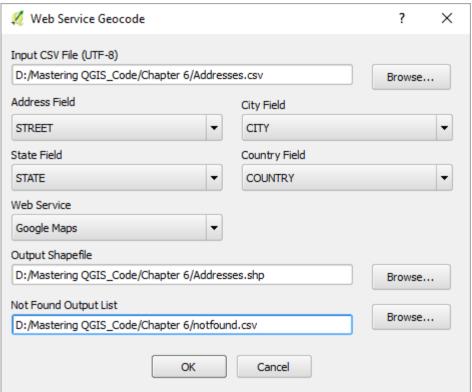


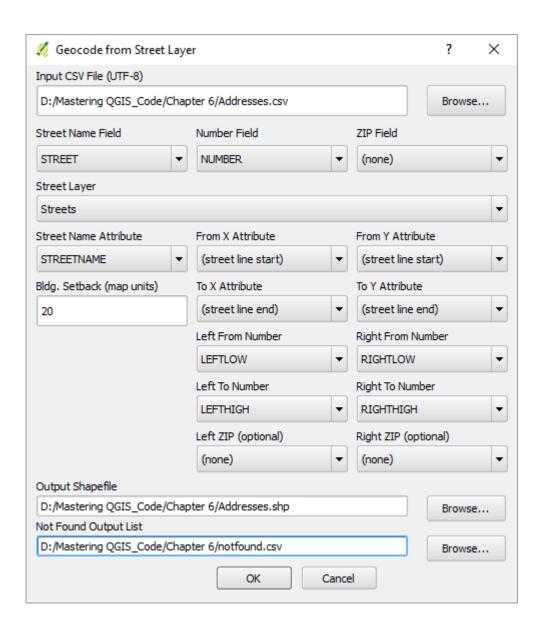


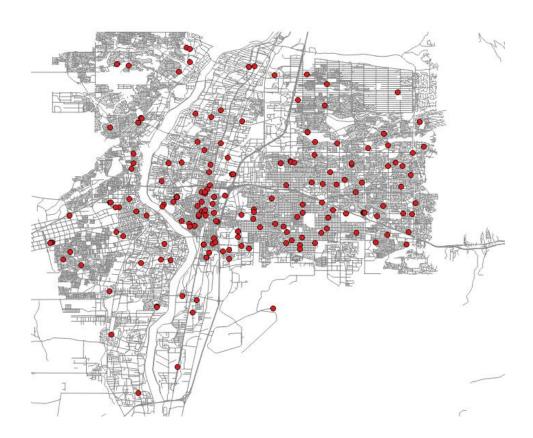


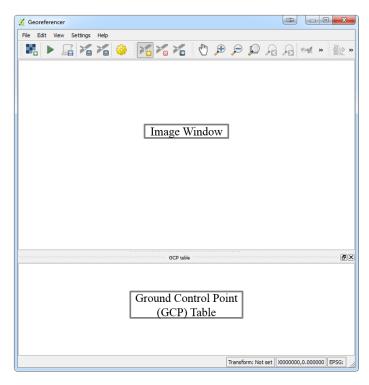


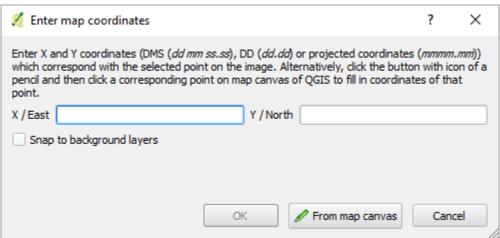


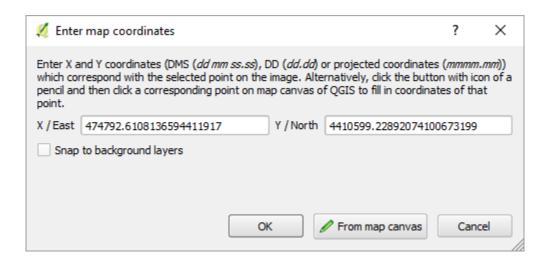


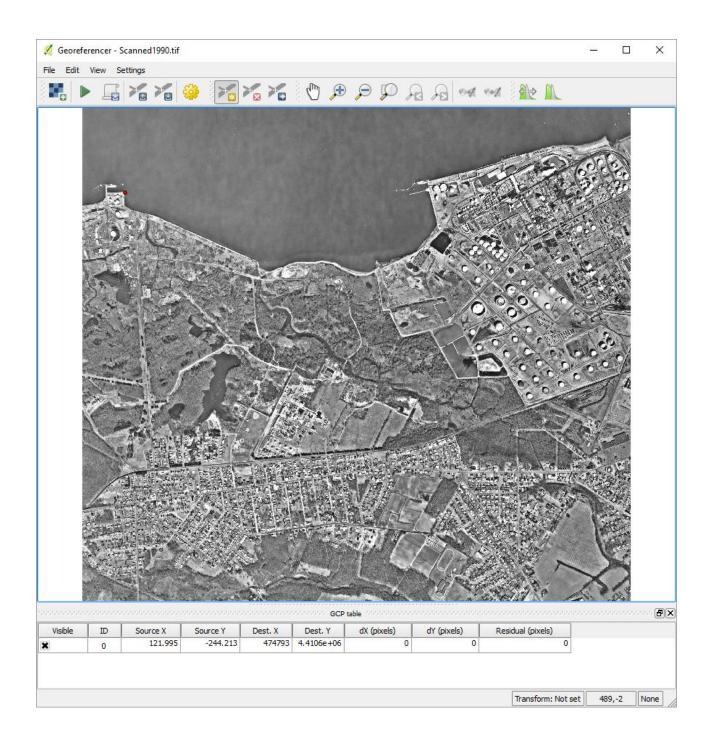


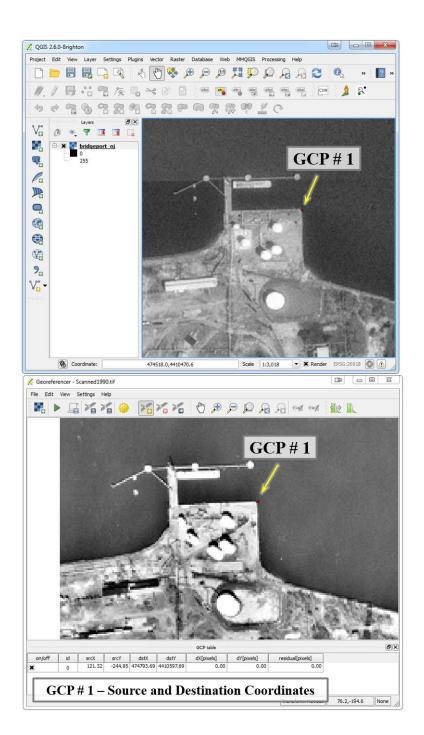






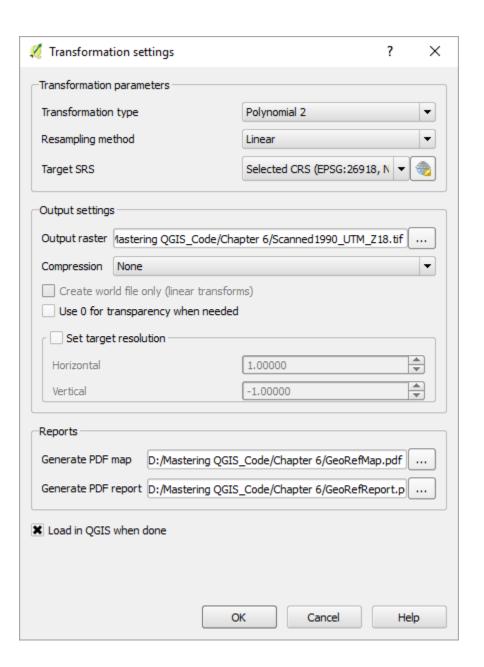


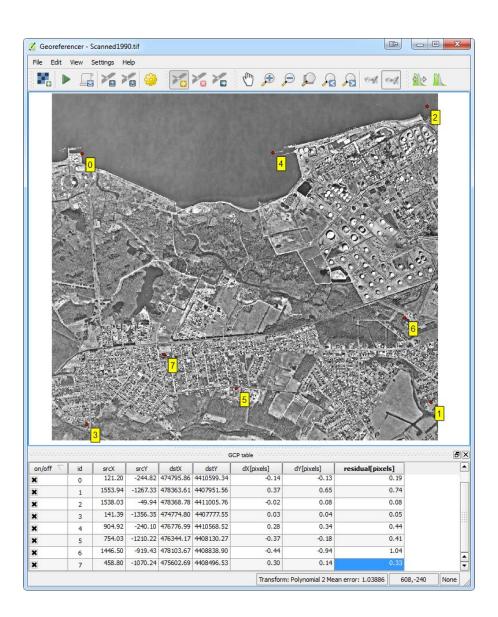


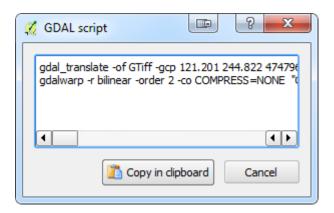


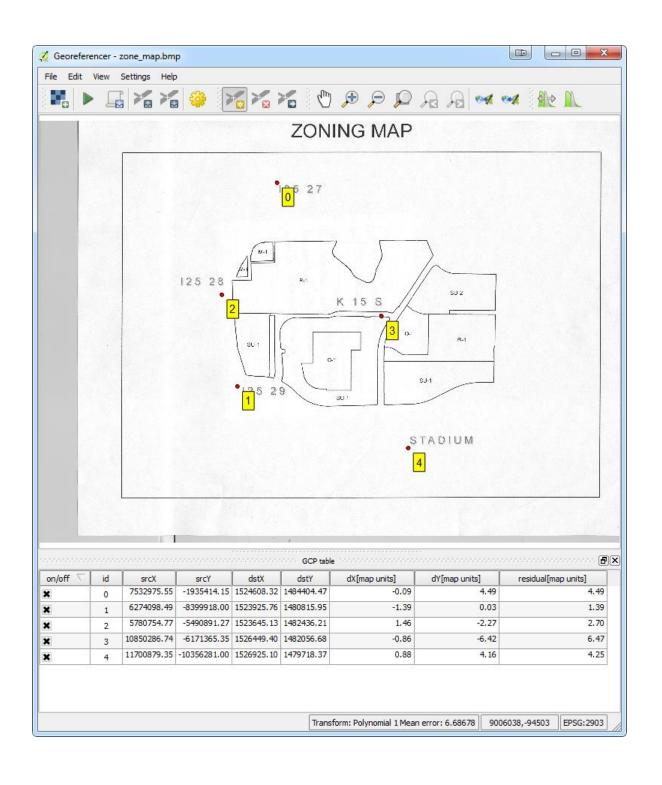


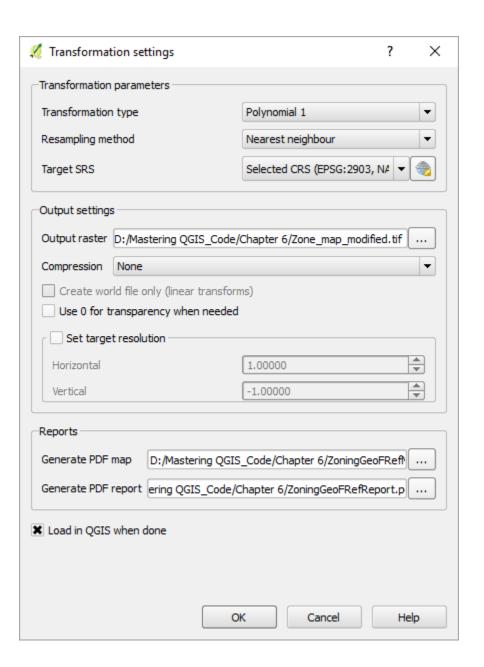
Transformation settings		
Transformation type: Resampling method: Compression: Create world file	Polynomial 2 Linear Helmert Polynomial 1 Polynomial 2 Polynomial 3 Thin Plate Spline Projective	
Transformation settings		
Transformation type:	Polynomial 2	
Resampling method:	Nearest neighbour	
Compression: Create world file	Nearest neighbour Linear Cubic Cubic Spline	

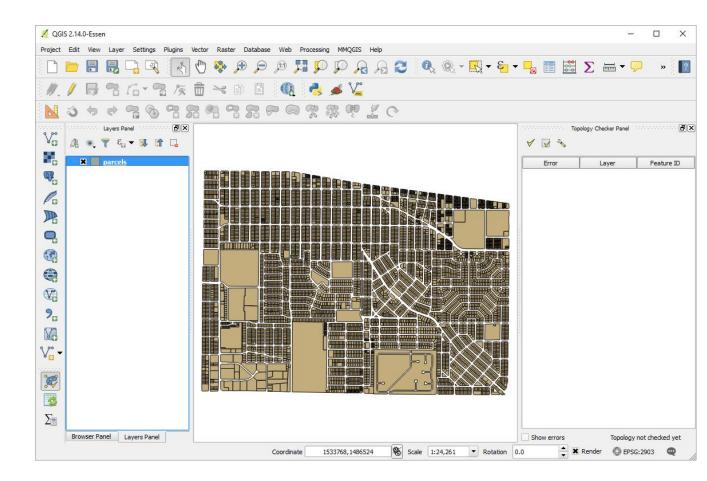


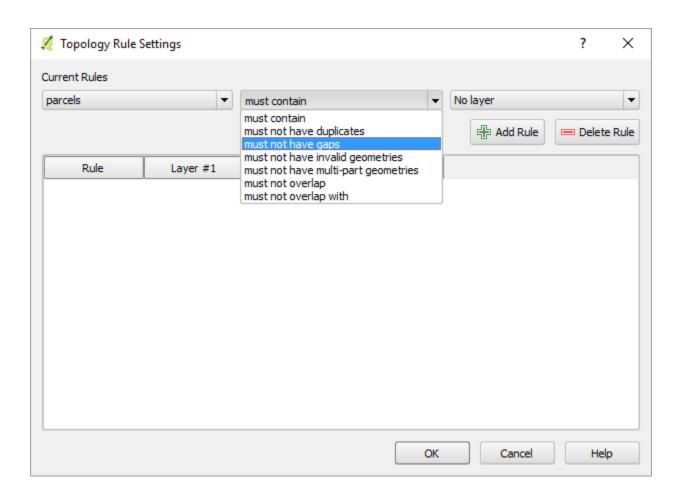


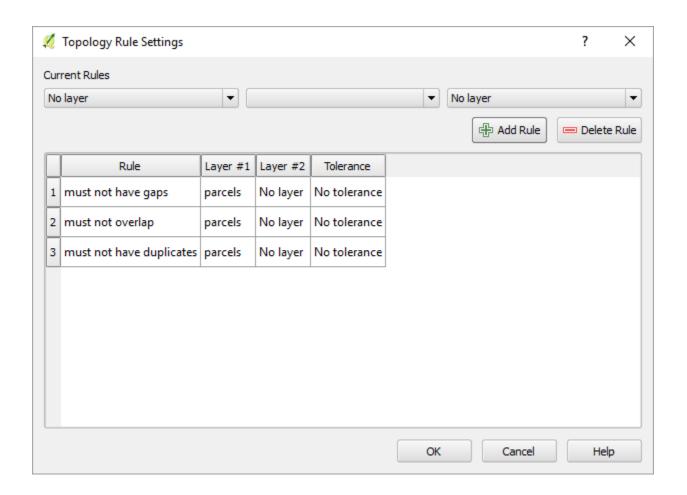














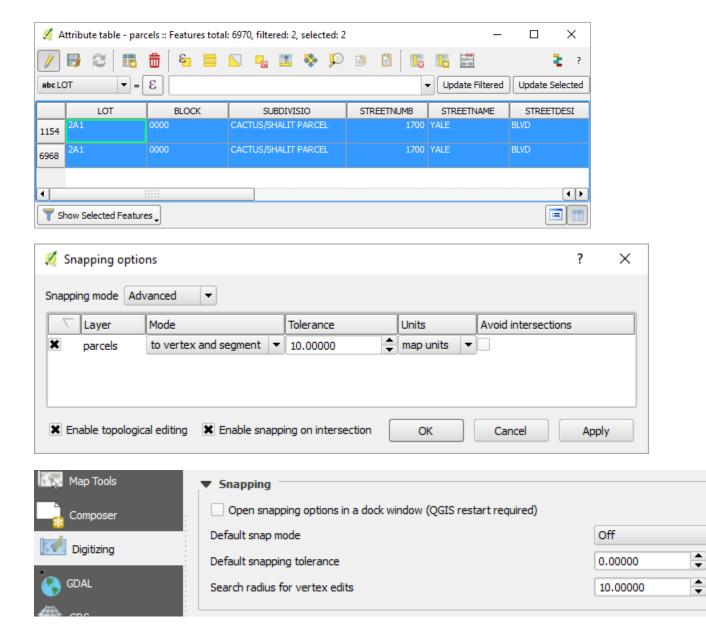


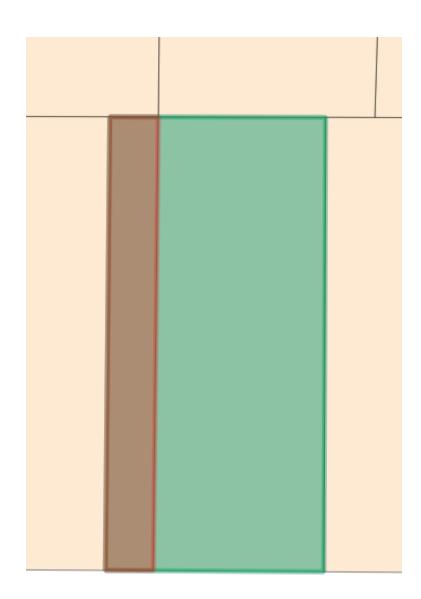


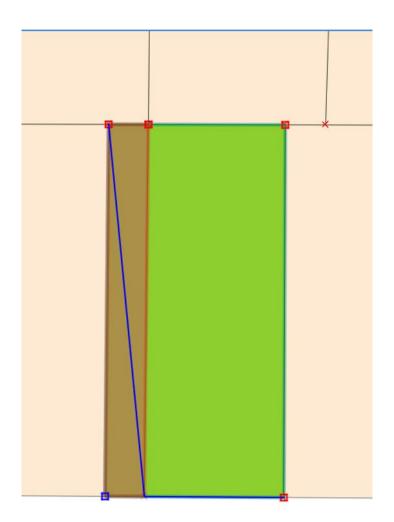


	Error	Layer	Feature ID
0	gaps	parcels	0
1	gaps	parcels	0
2	gaps	parcels	0
3	gaps	parcels	0
4	gaps	parcels	0
5	gaps	parcels	0
6	overlaps	parcels	624
7	overlaps	parcels	1789
8	overlaps	parcels	2947
9	overlaps	parcels	2973
10	overlaps	parcels	3842
11	overlaps	parcels	4164
12	overlaps	parcels	5617
13	overlaps	parcels	5971
14	overlaps	parcels	6442
15	duplicate geometry	parcels	1154
16	duplicate geometry	parcels	6930

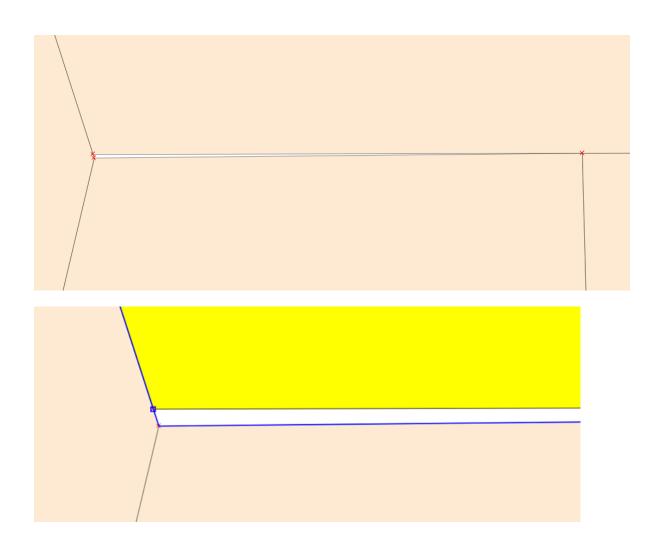




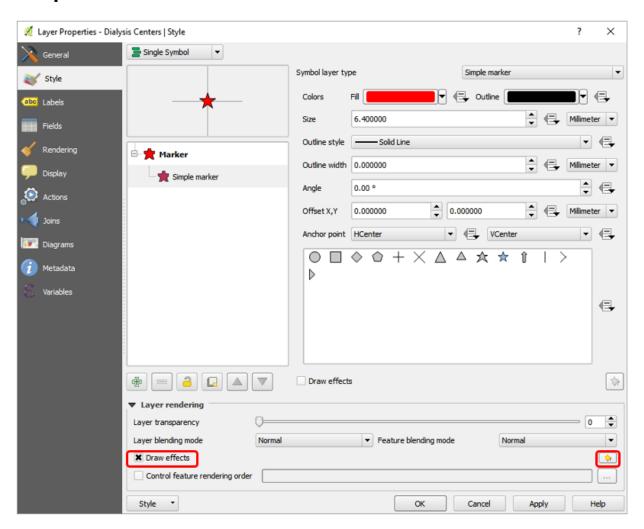


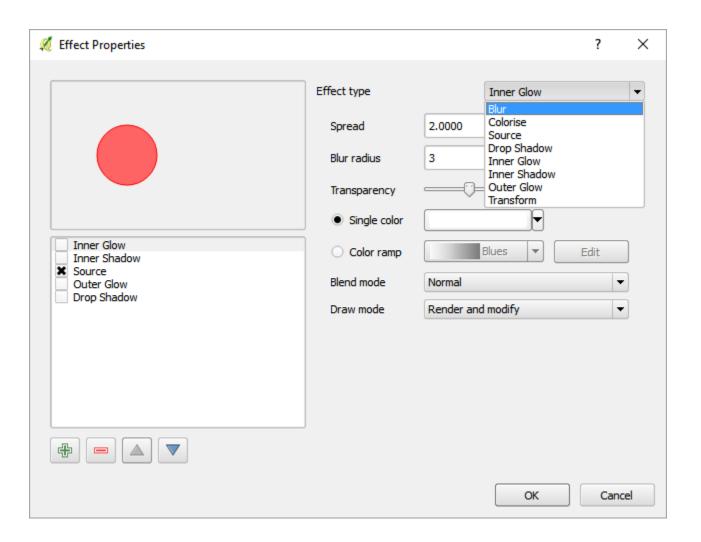


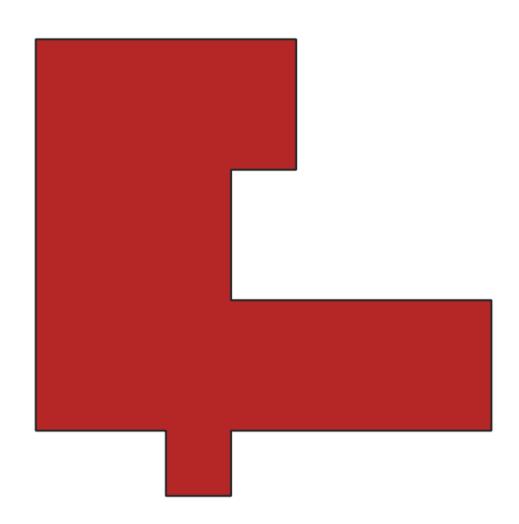


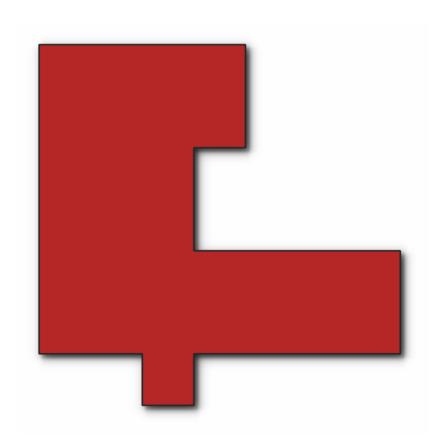


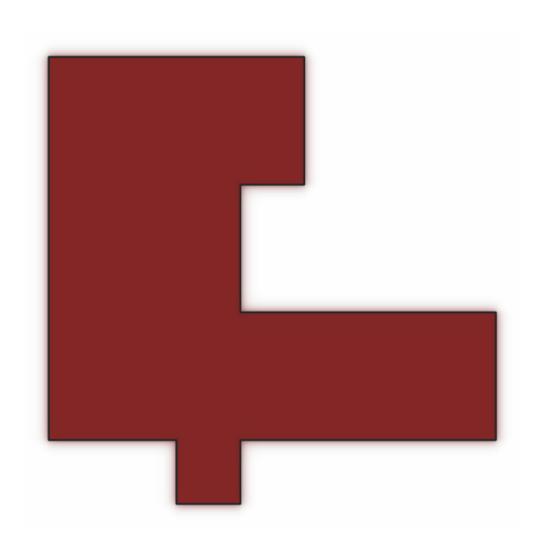
Chapter 7 – Advanced Data Visualization

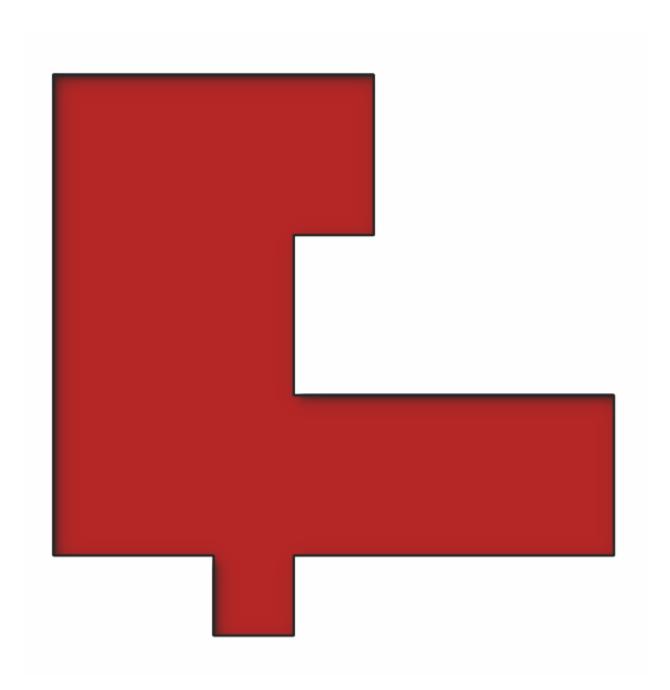




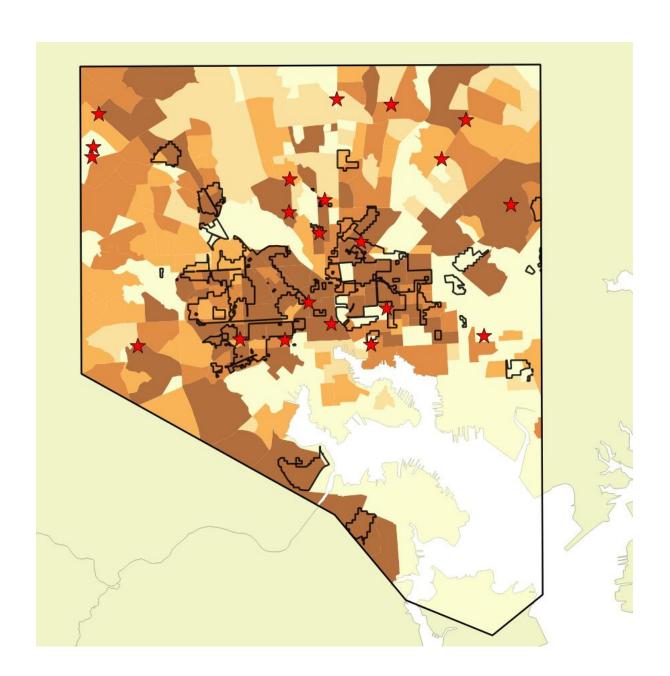


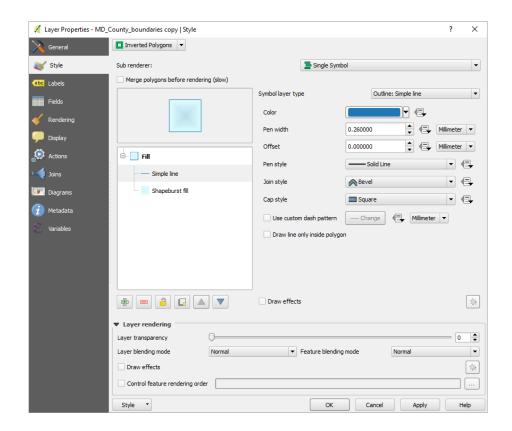


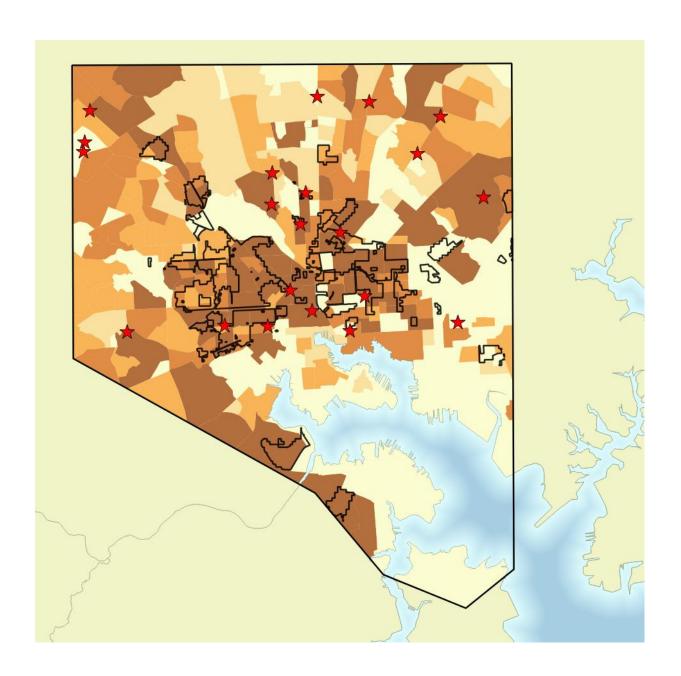


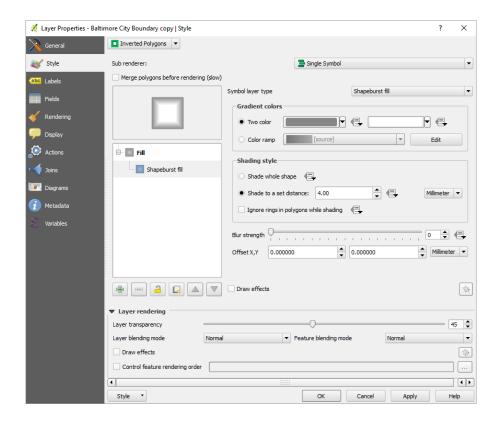


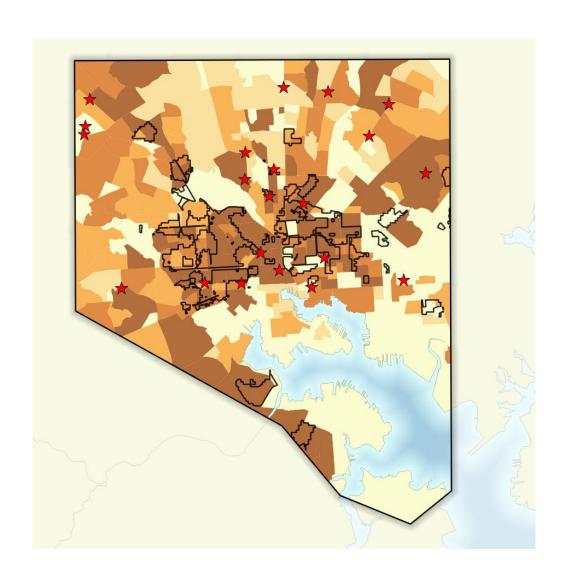


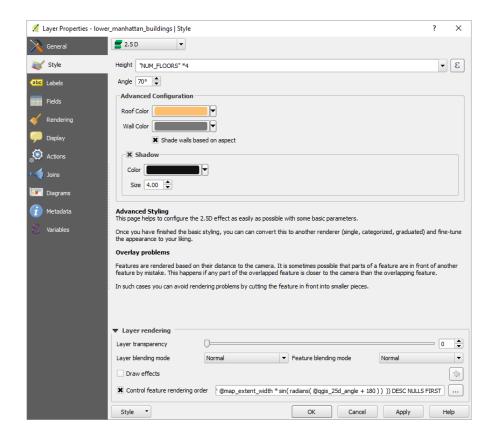




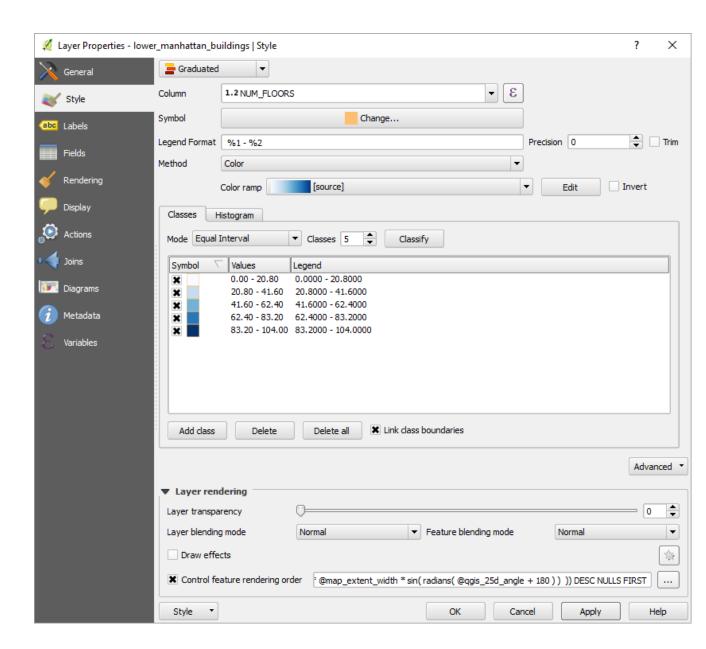






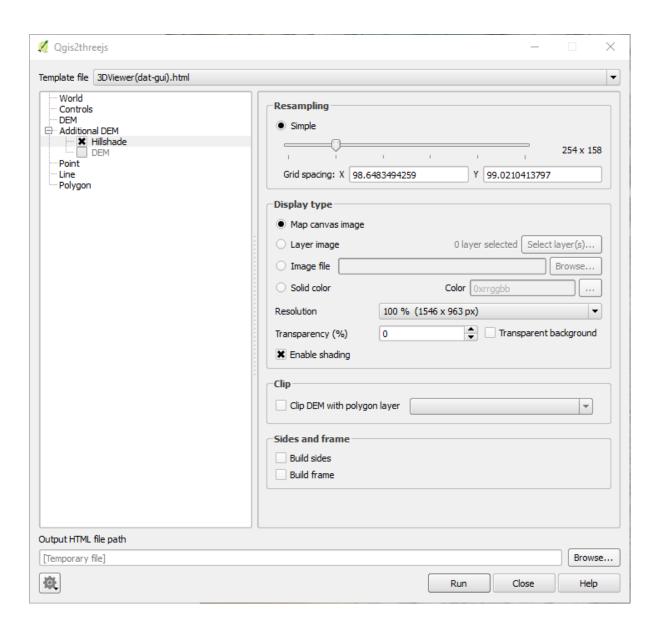


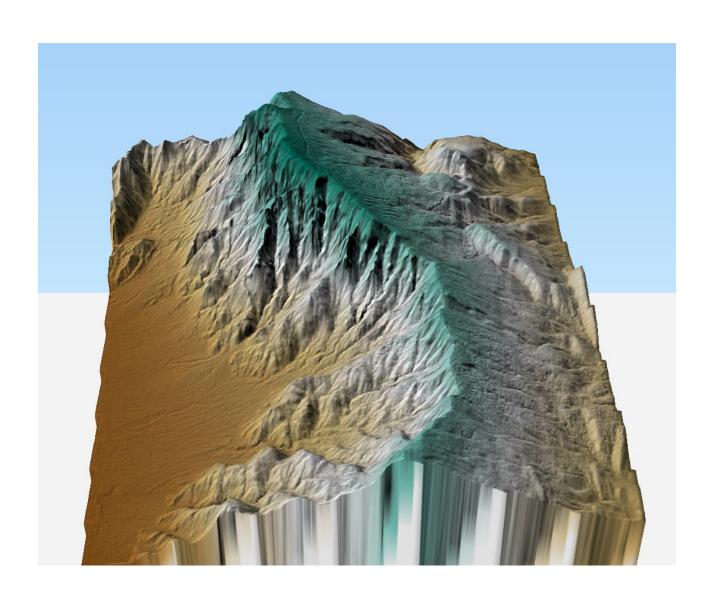


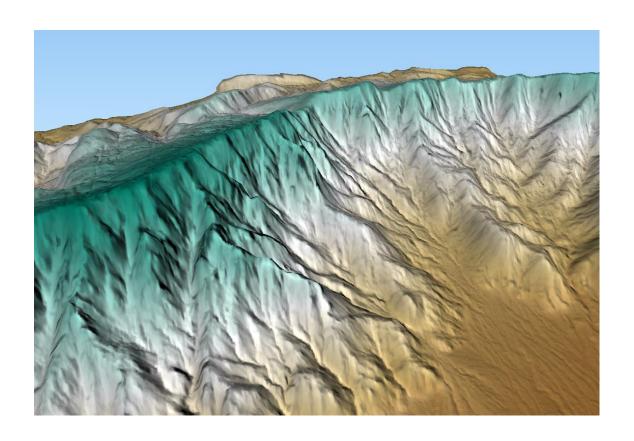


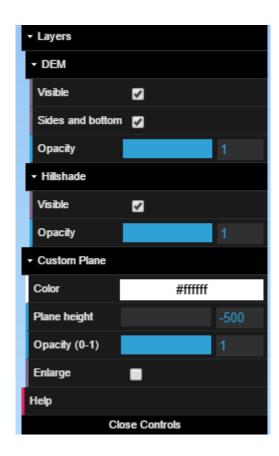


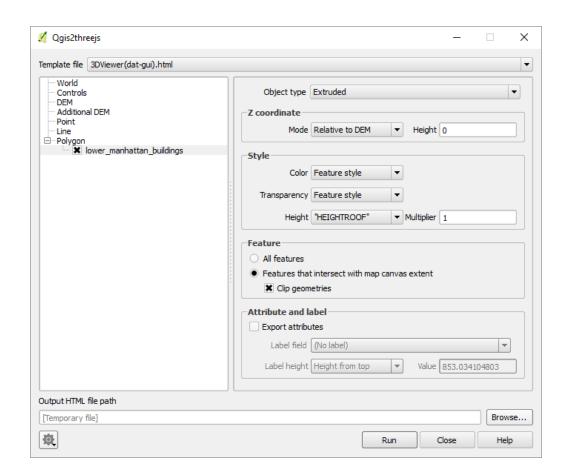














Qgis2threejs

Template file 3DViewer(dat-gui).html Controls DEM Additional DEM Point Line □ Polygon NYC_buildings

Controls OrbitControls.js

OrbitControls

* Mouse

Left button + Move : Orbit Middle button + Move : Zoom Right button + Move : Pan

*Keys

Arrow keys : Move Horizontally

Shift + Arrow keys : Orbit Ctrl + Arrow keys : Rotate

Shift + Ctrl + Up / Down : Zoom In / Out

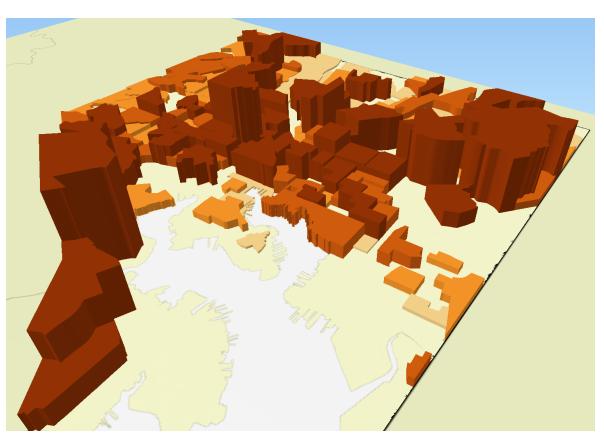
R : Auto Rotate On / Off

U : Switch Upside Down (controls are also reversed)

I : Show Information About Page

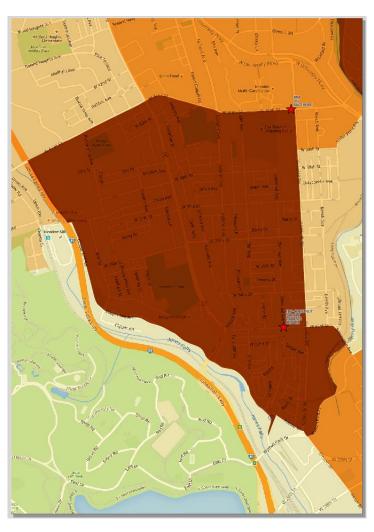
L : Toggle Label Visibility
W : Wireframe Mode
Shift + R : Reset View
Shift + S : Save Image



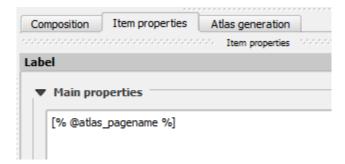


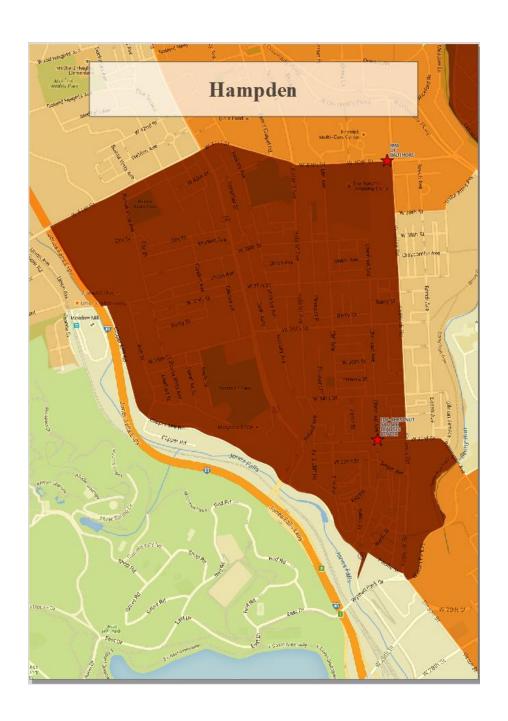


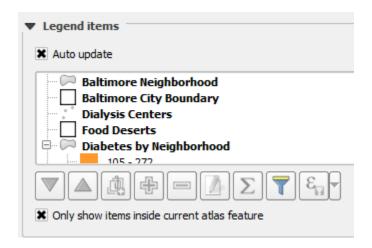




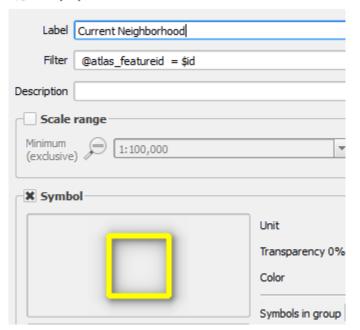
Variables —			
Variable		Value	
▼ Atlas	;		
atlas_	feature		
···· atlas_	featureid	0	
atlas_	featurenumber	1	
···· atlas_	filename	output_1	
atlas_	geometry		
atlas	pagename	Abell	
atlas_	totalfeatures	271	

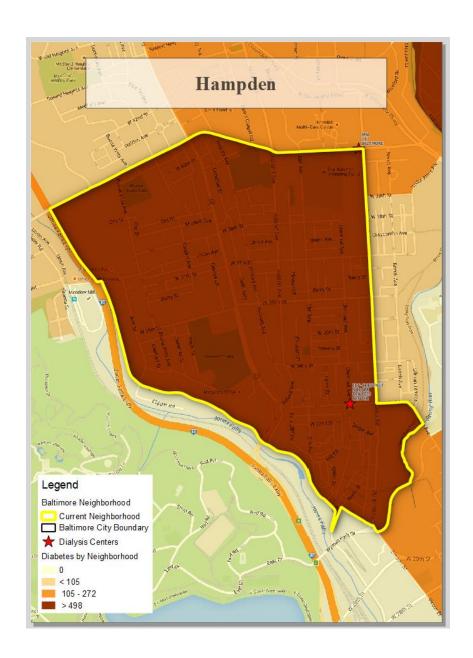




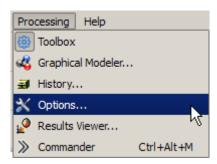


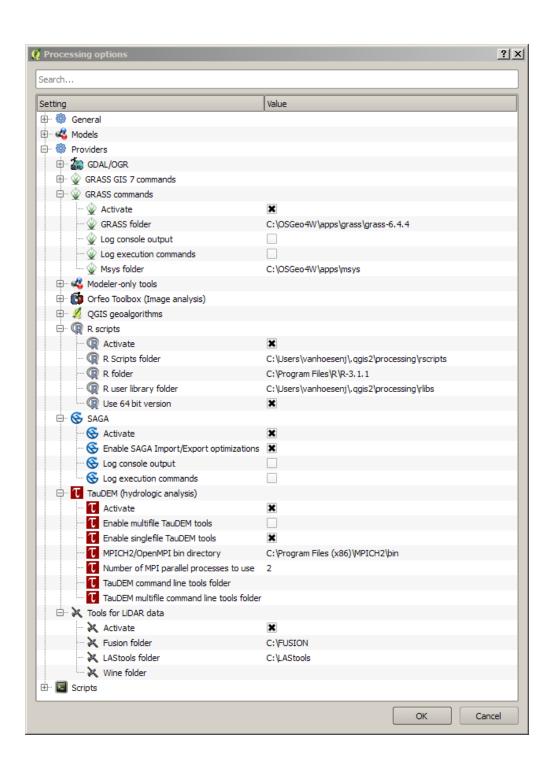
Rule properties

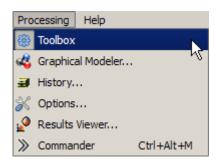


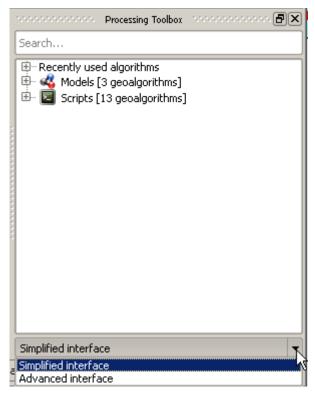


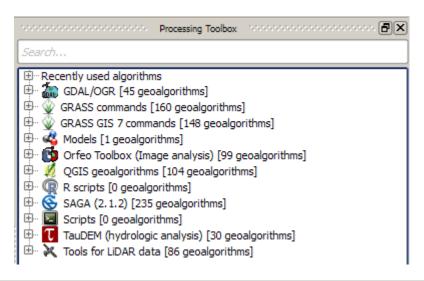
Chapter 8 – The Processing Toolbox

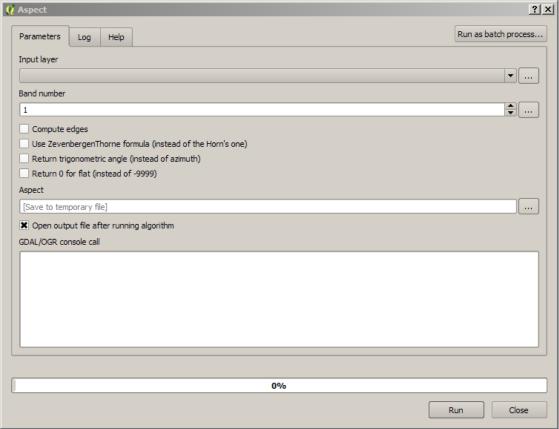


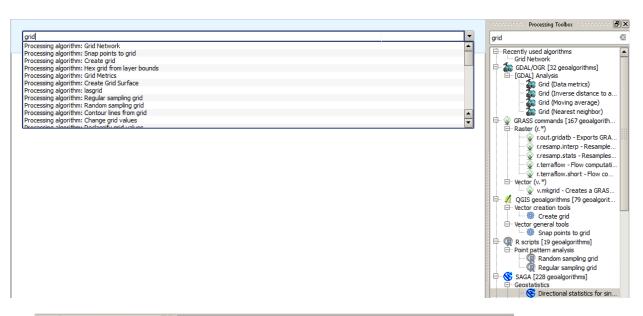


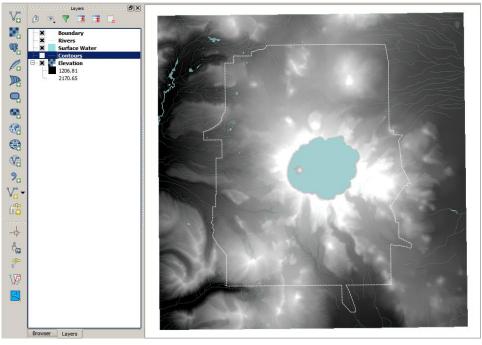


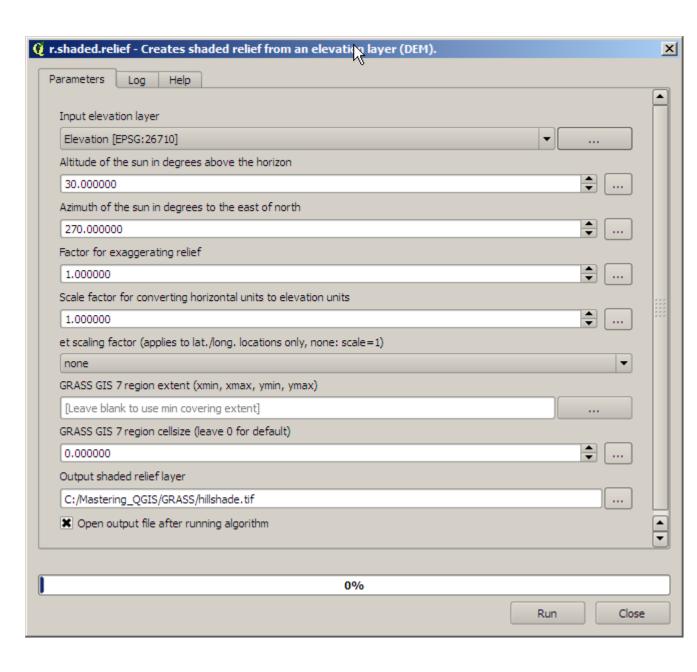


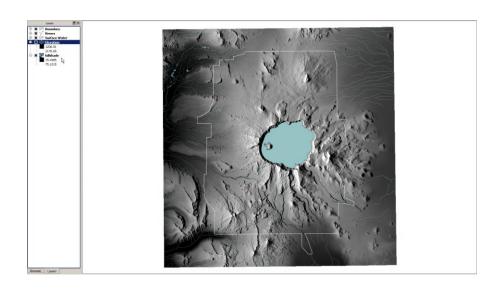


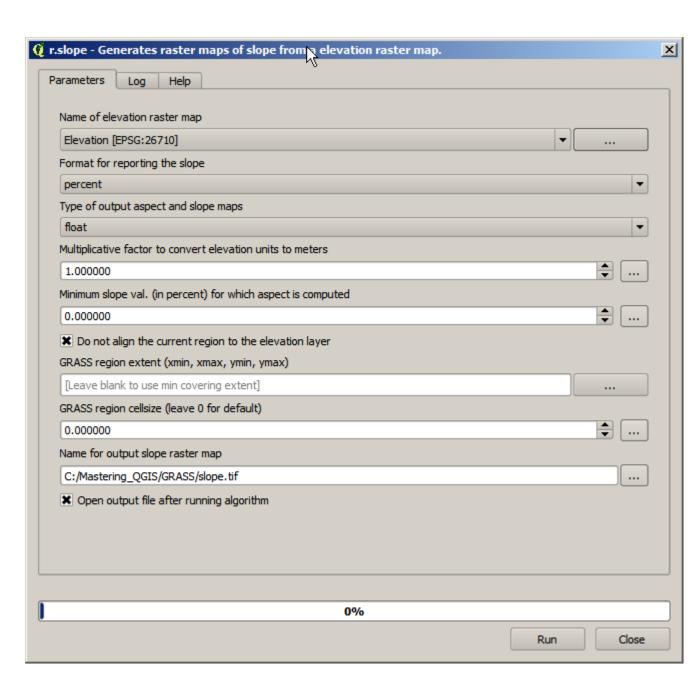


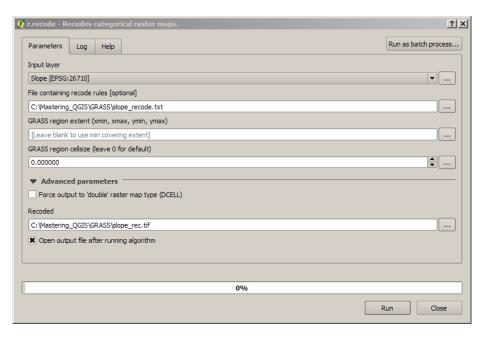


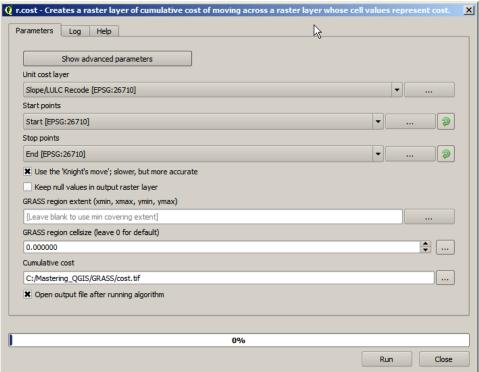


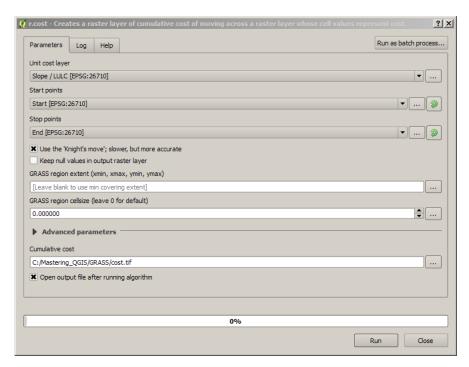


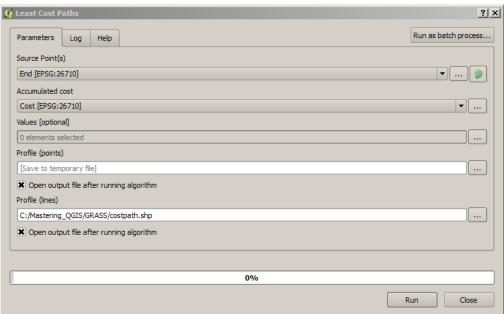


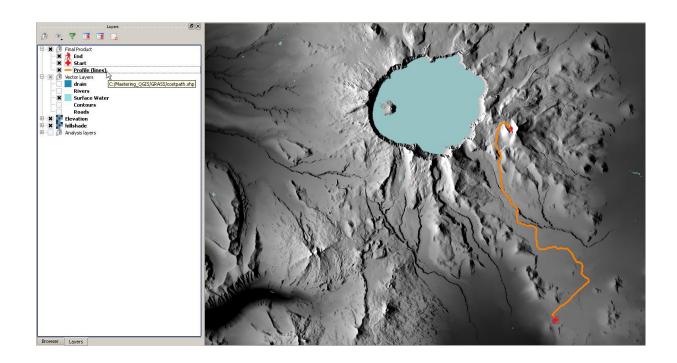


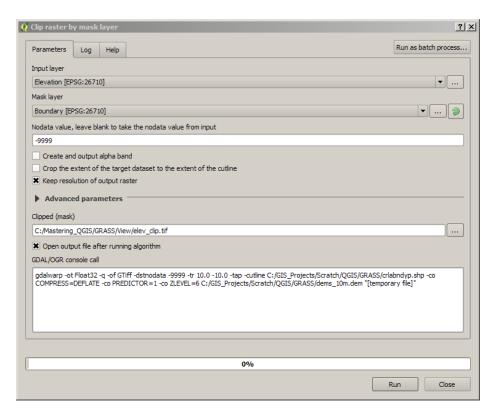


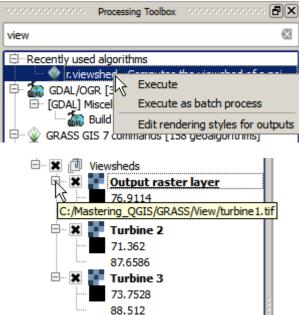


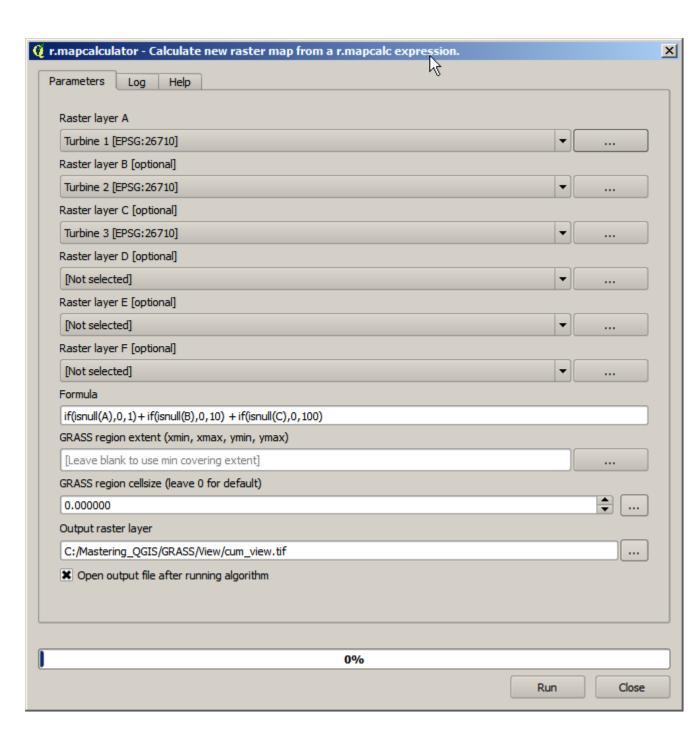


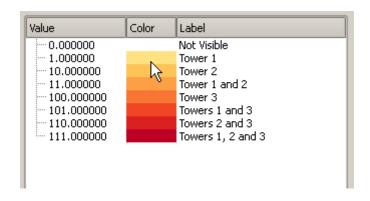








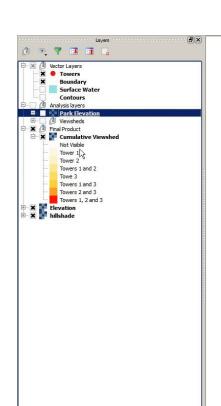


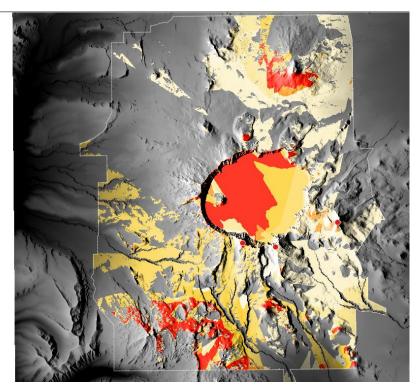


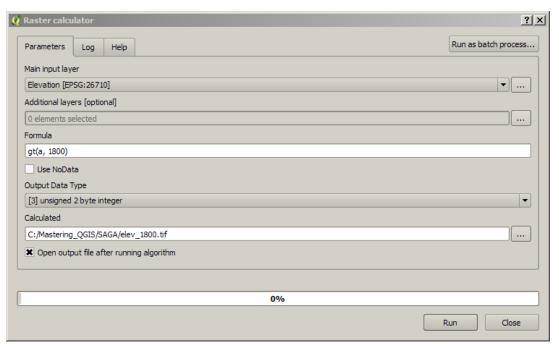


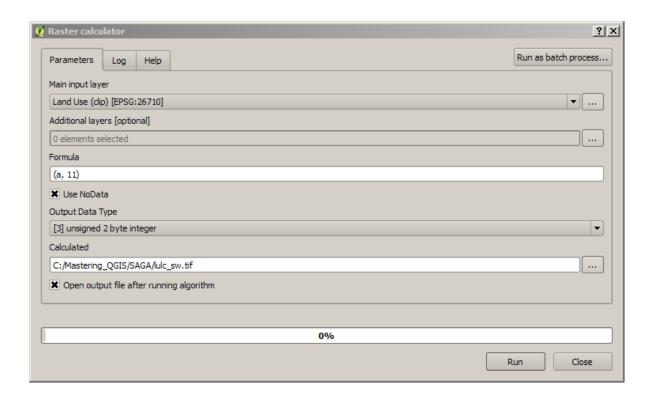
r.stats

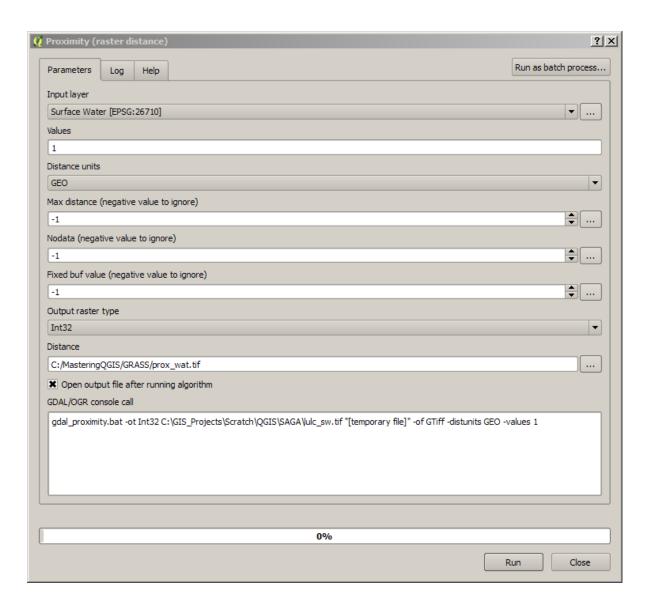
0 623402400.000000 1 7756000.000000 10 128996100.000000 11 31945300.000000 100 85009000.000000 101 33947700.000000 110 8058800.000000 111 63800700.000000

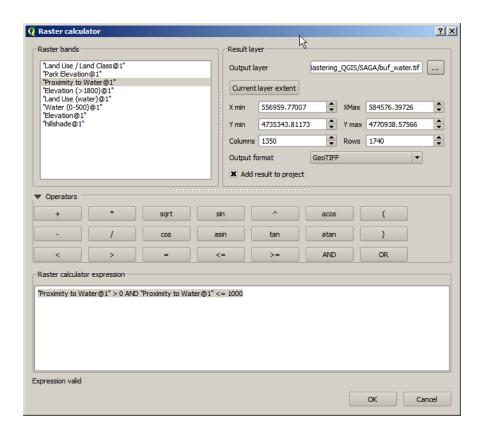


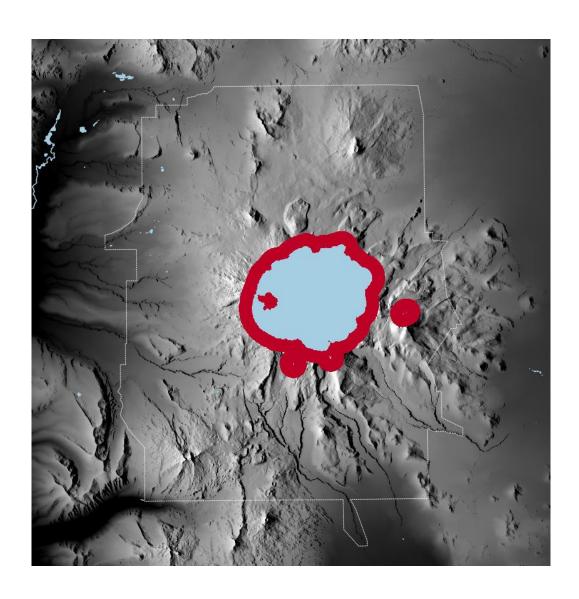




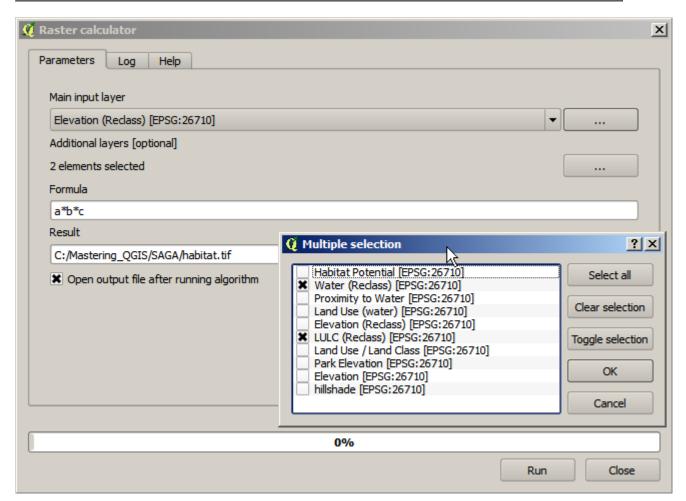


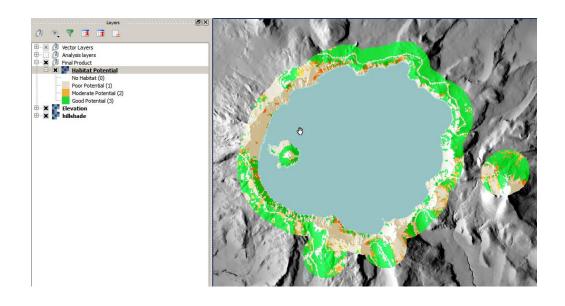


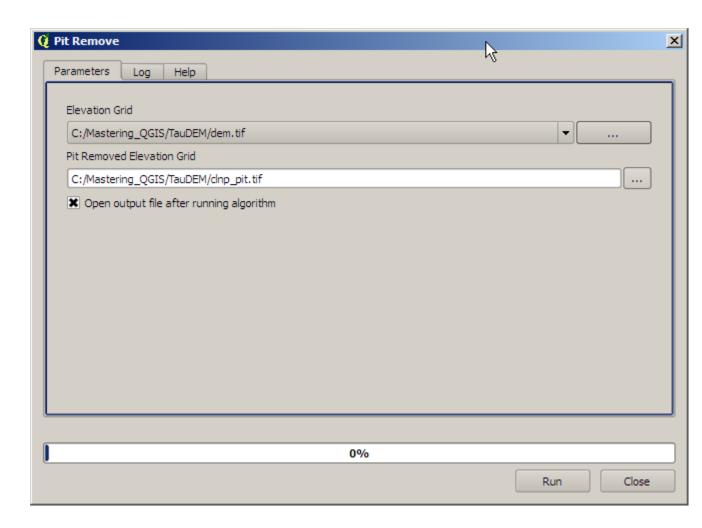


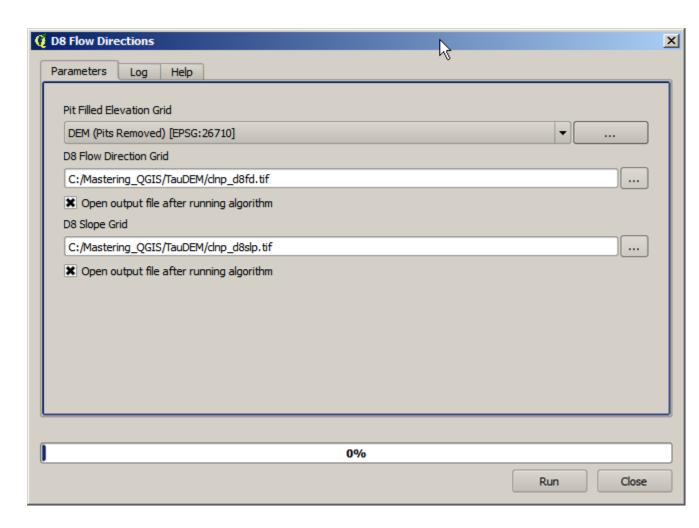


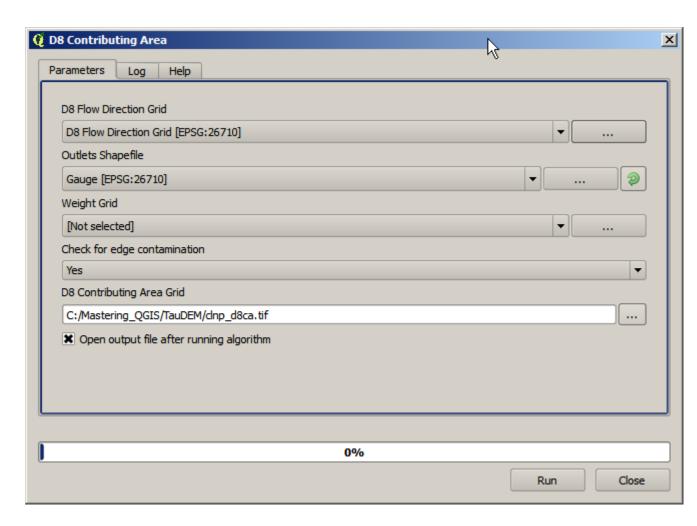
€ Fixed Table			? ×
minimum	maximum	√5 new	Add row
0	11	1	Romava row
11	12	0	Remove row
12	42	1	ОК
42	43	3	Cancel
43	52	1	Caricer
52	53	2	
53	255	1	

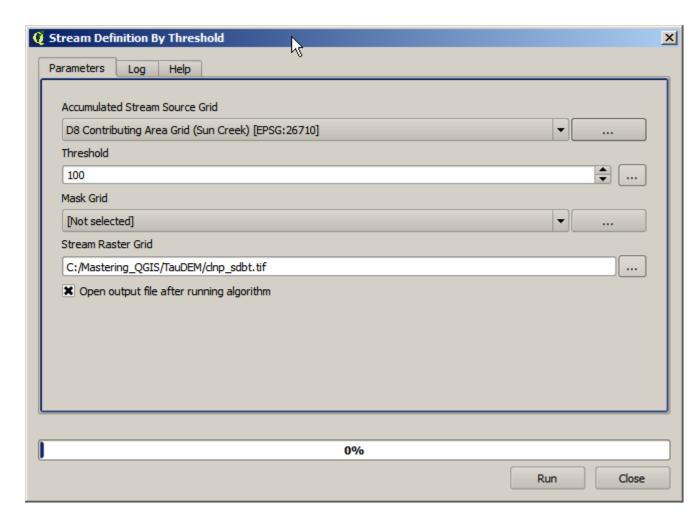


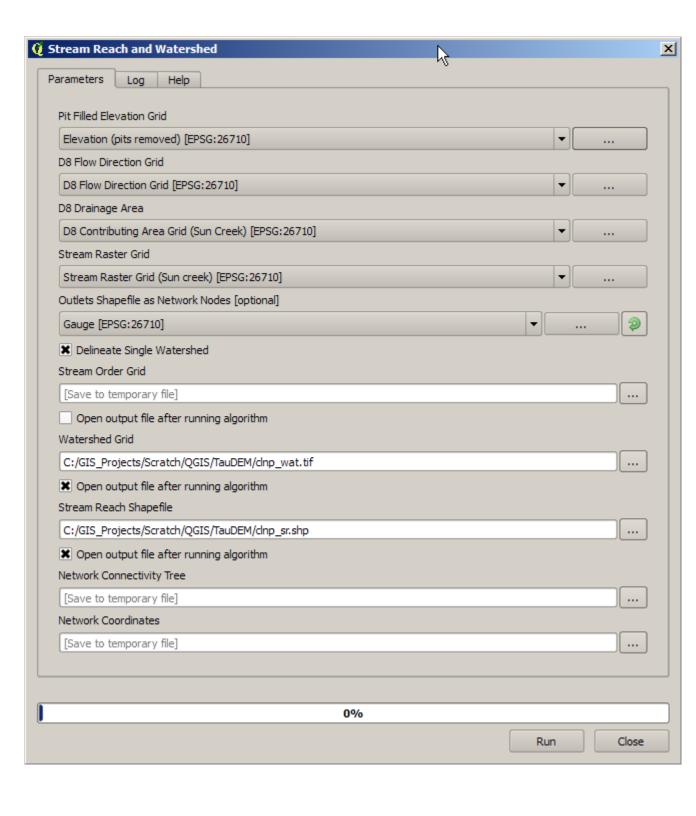


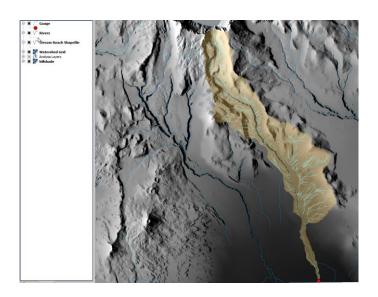


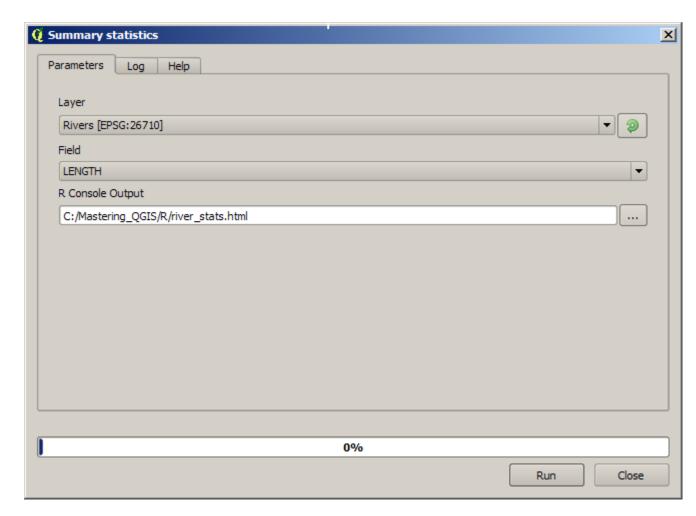












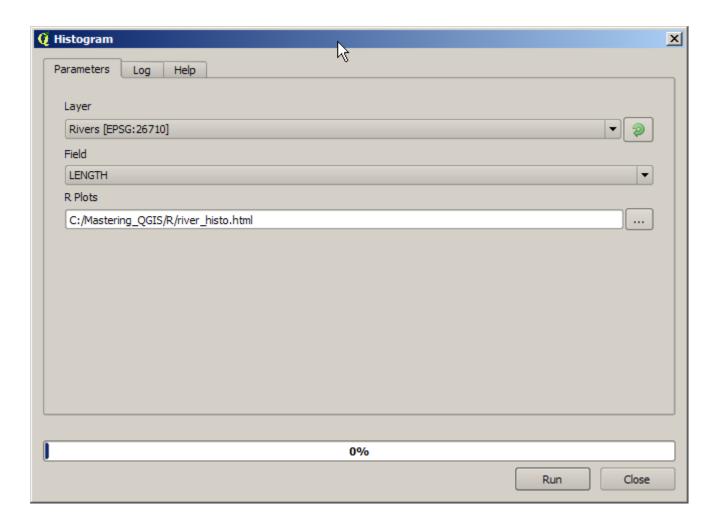
Summary_statistics

LENGTH

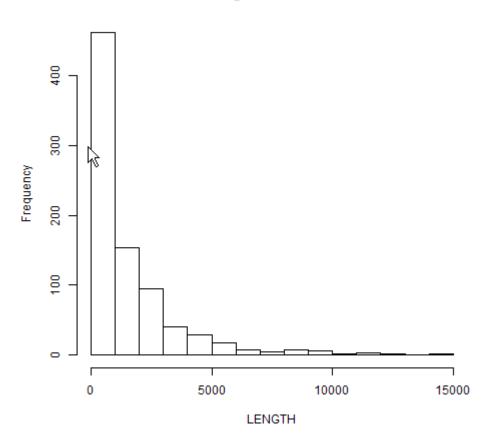
Sum: 1.269272e+06 Count: 8.280000e+02

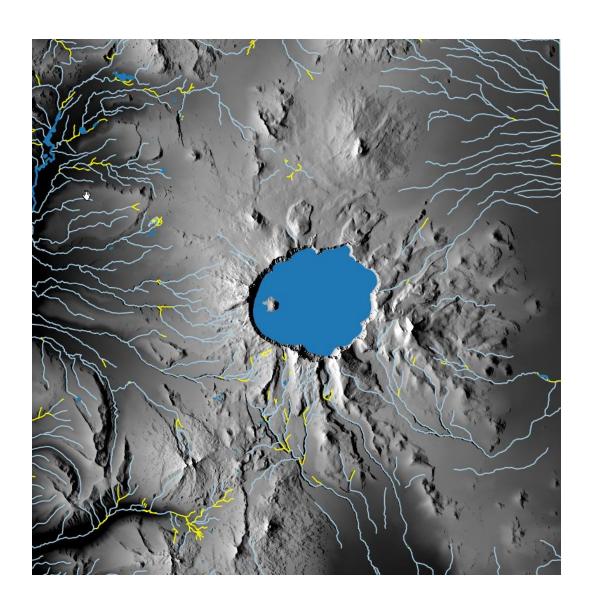
Unique values: 8.280000e+02 Minimum value: 5.627340e+00 Maximum value: 1.412734e+04

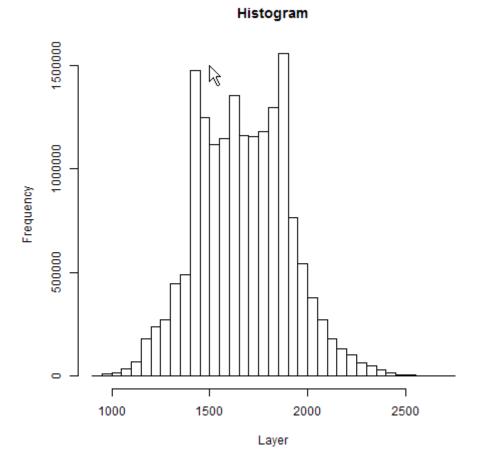
Range: 1.412172e+04 Mean value: 1.532937e+03 Median value: 8.335031e+02 Standard deviation: 1.978282e+03



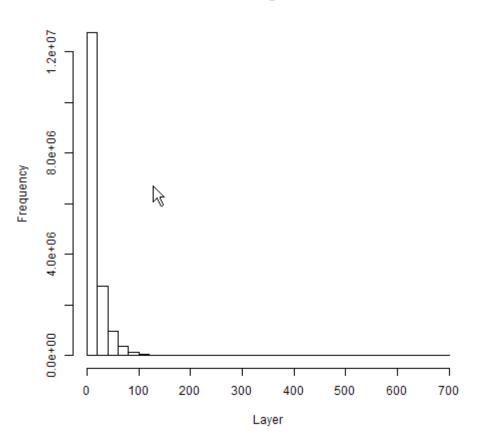
Histogram of LENGTH

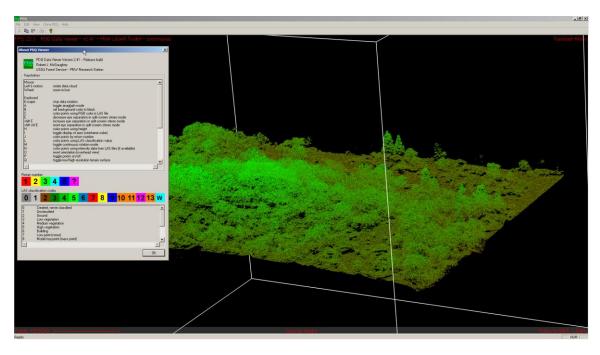


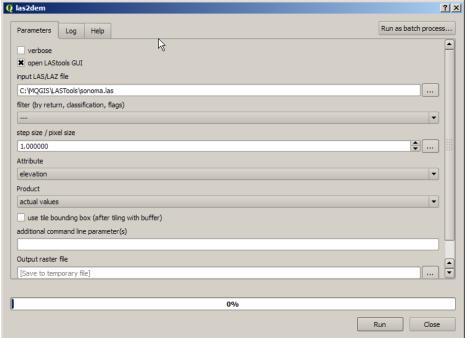


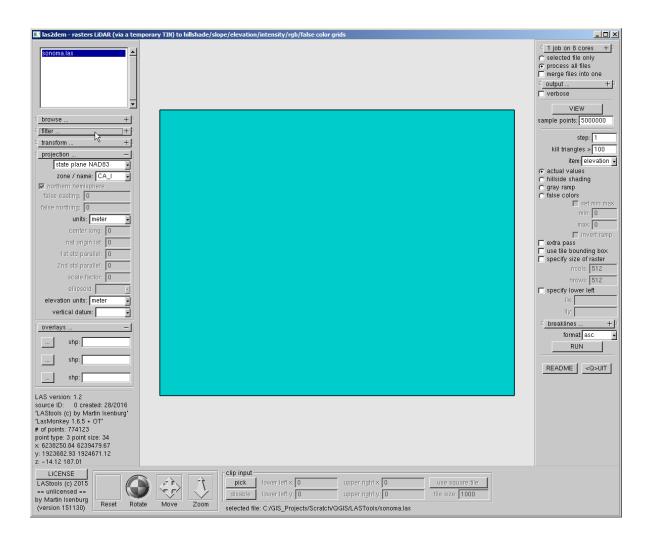


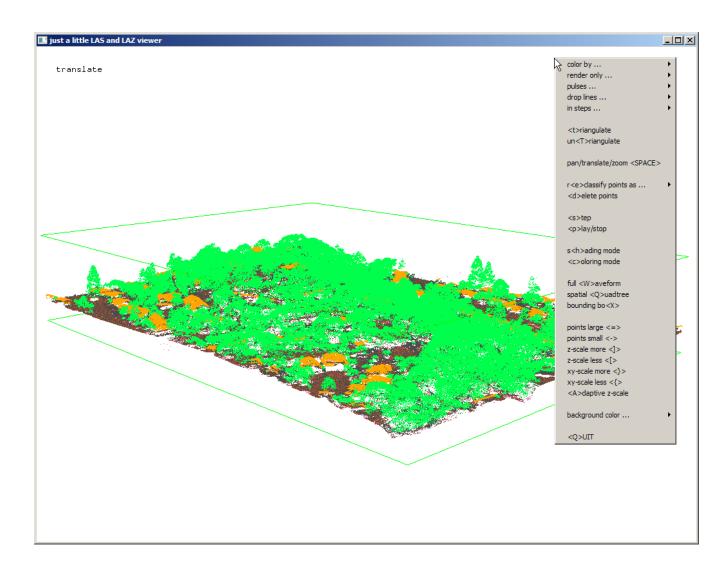


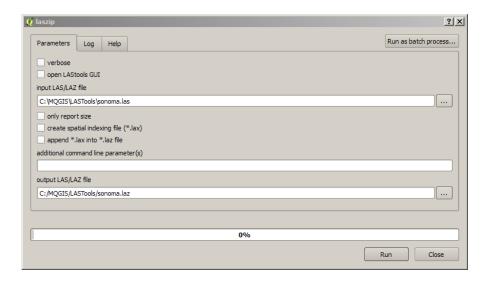


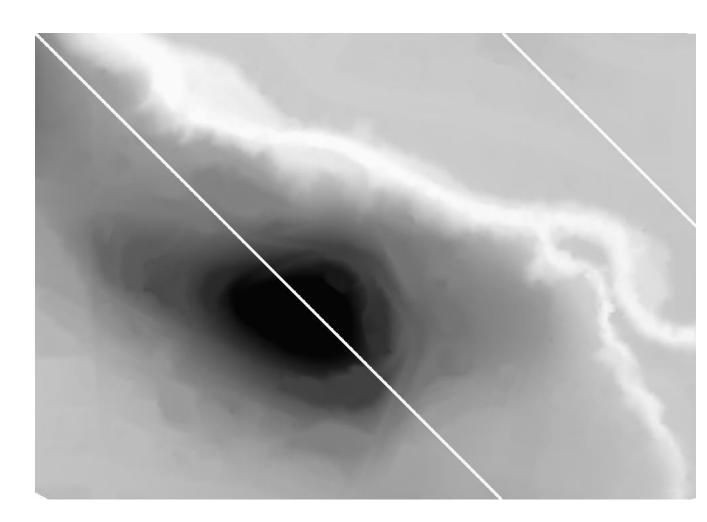


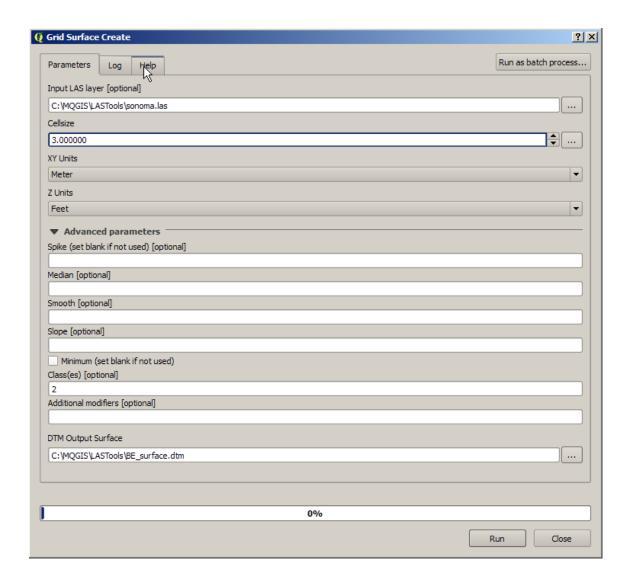


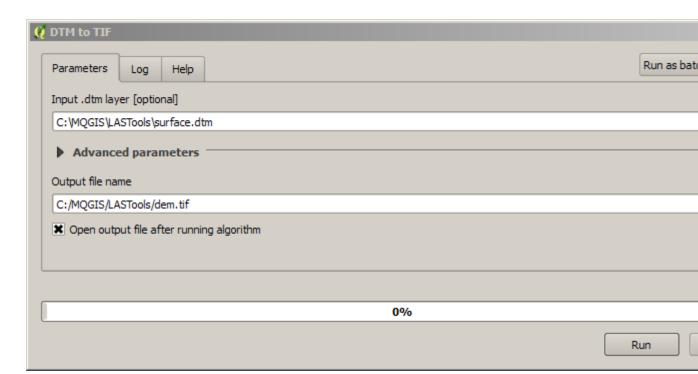








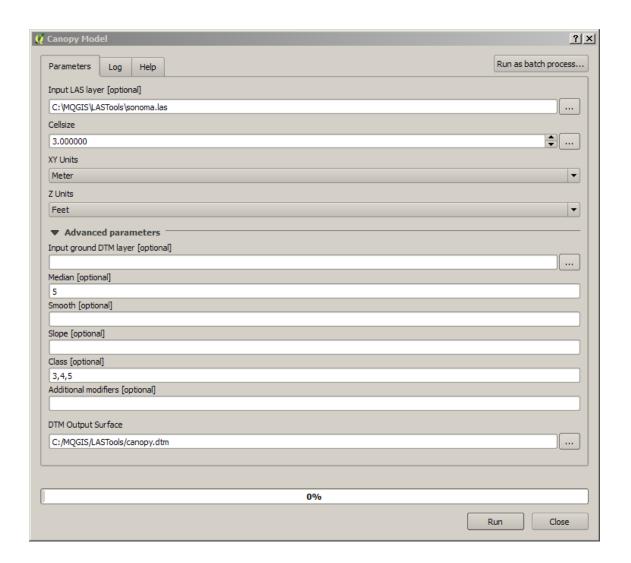


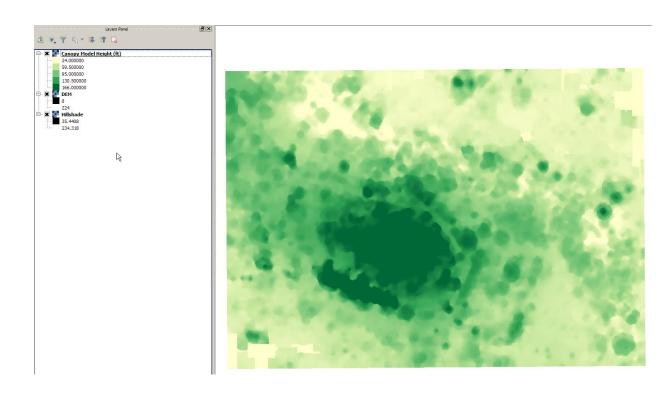




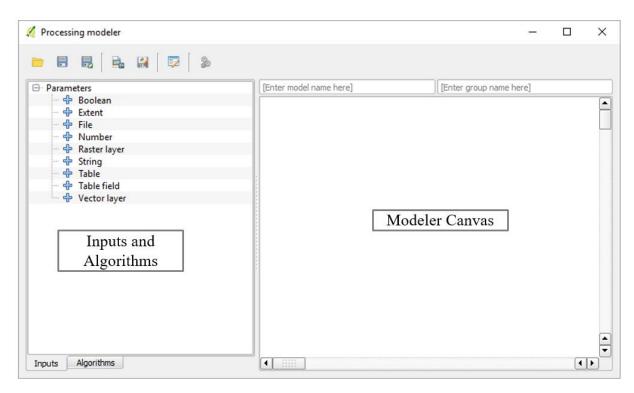


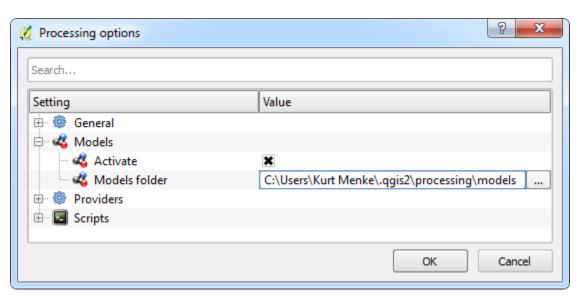


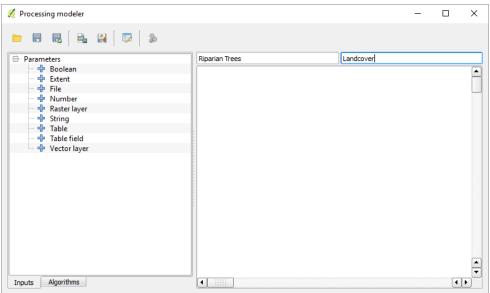


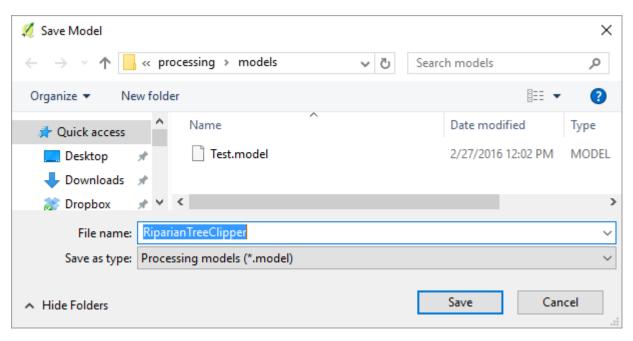


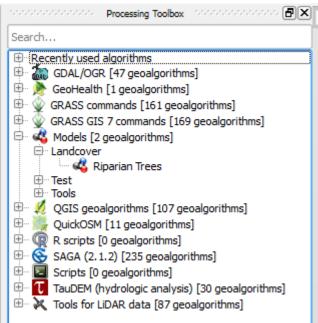
Chapter 9 – Automating Workflows with the Graphical Modeler

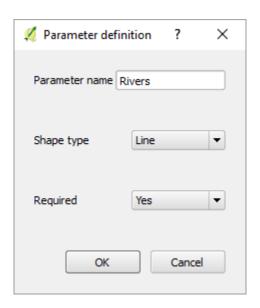


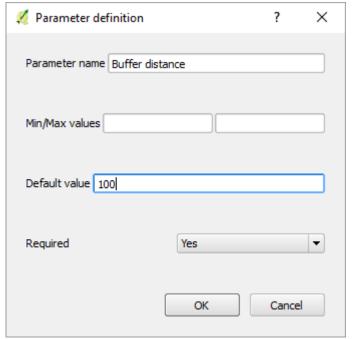


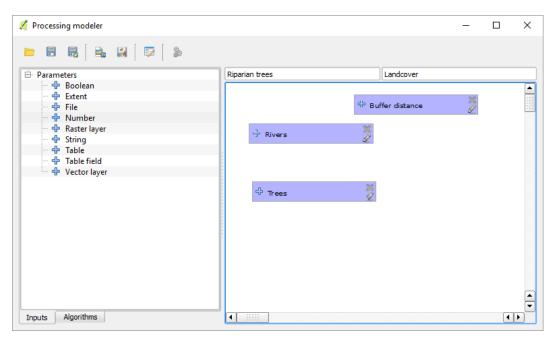


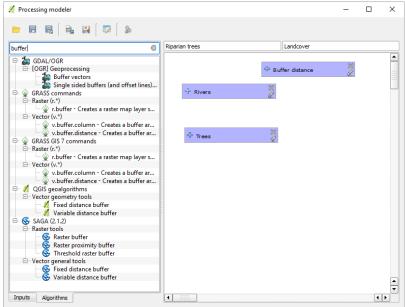


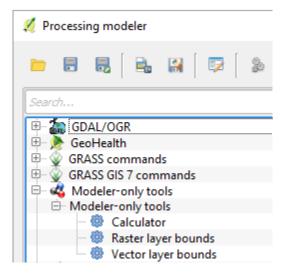


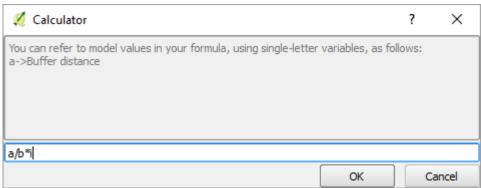


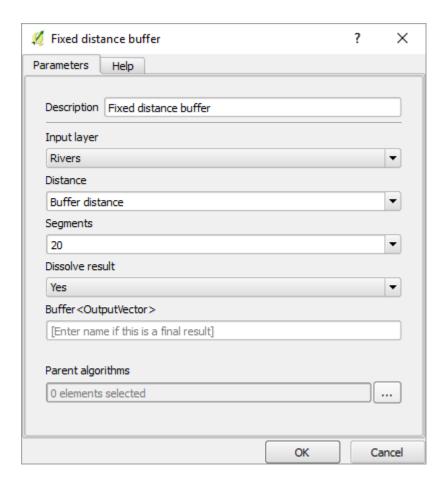


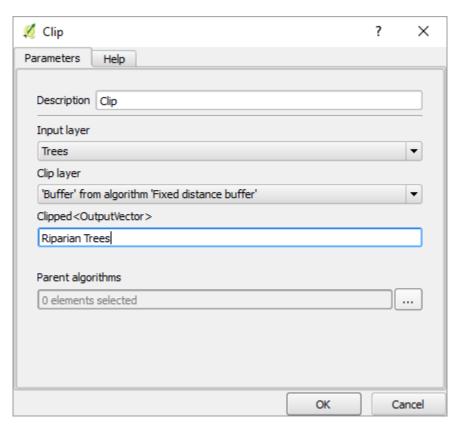


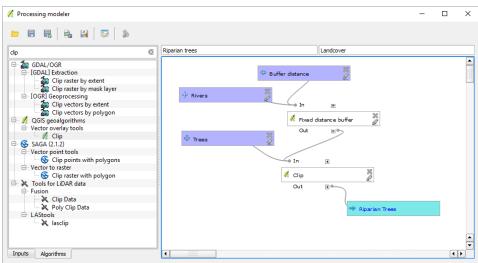


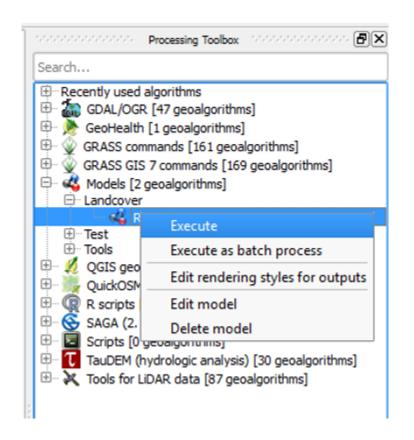


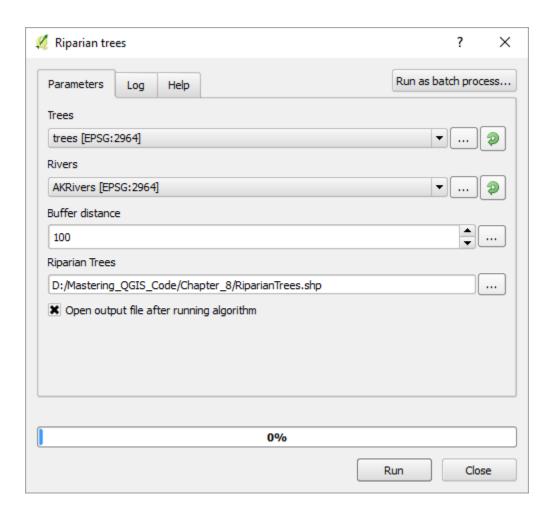


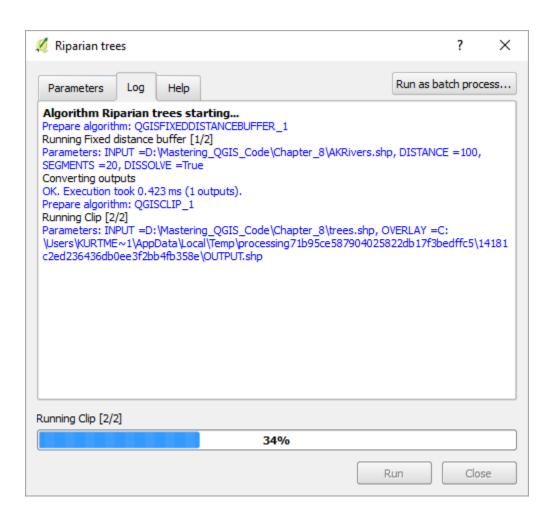


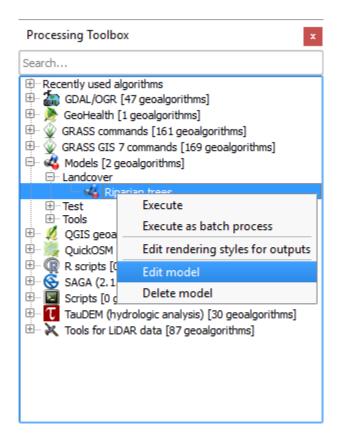


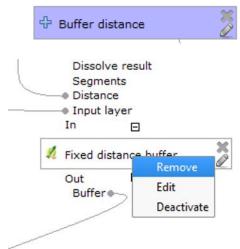


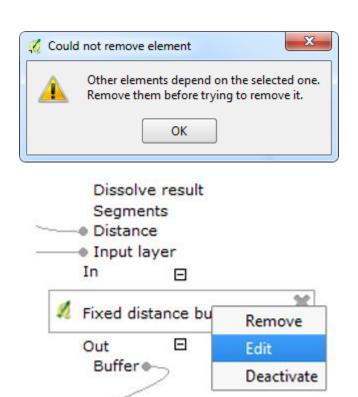


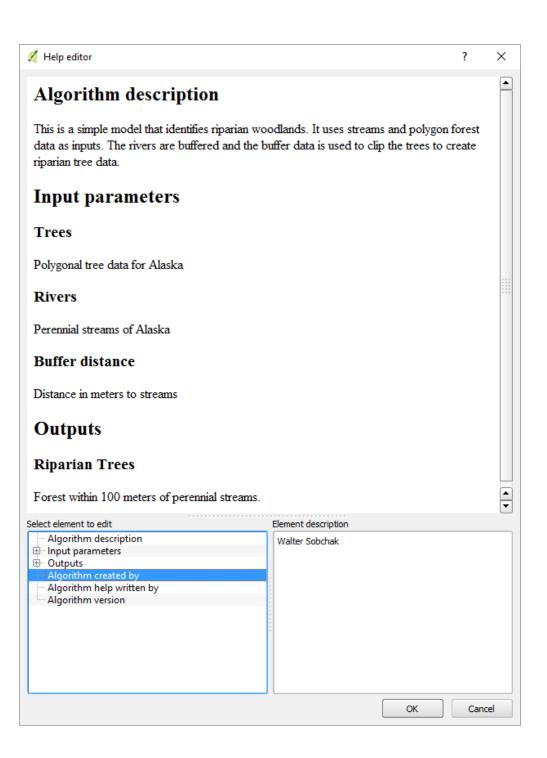


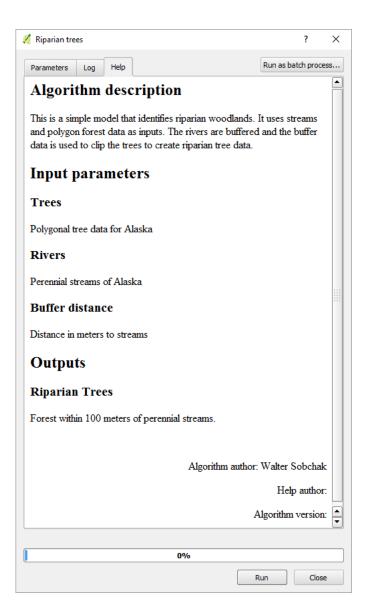


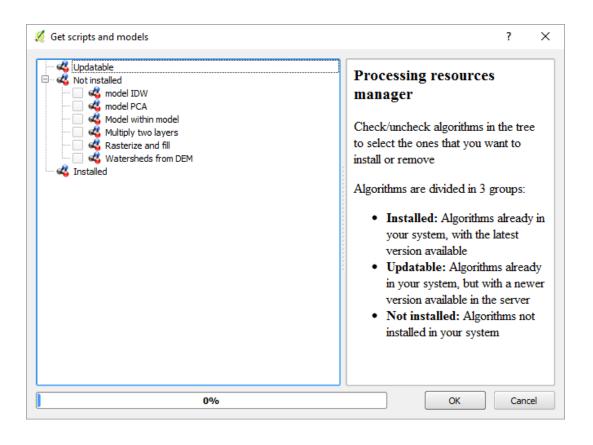


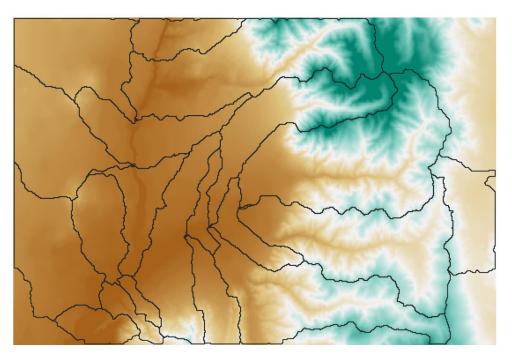


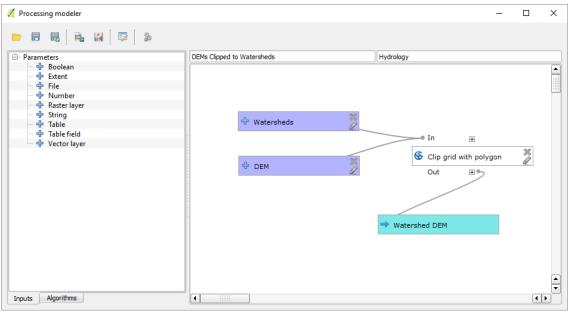


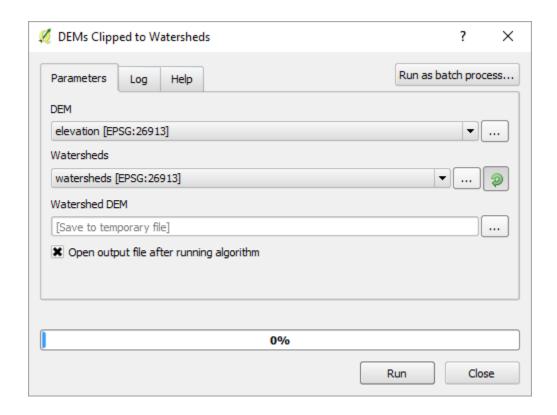


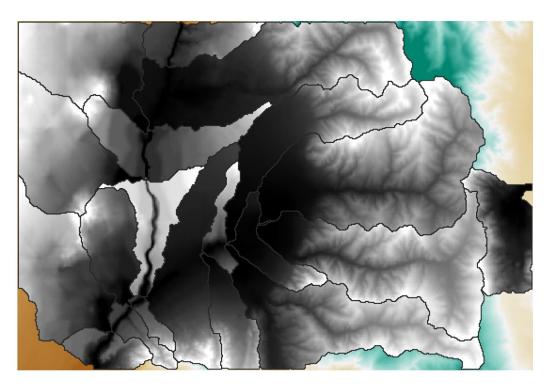


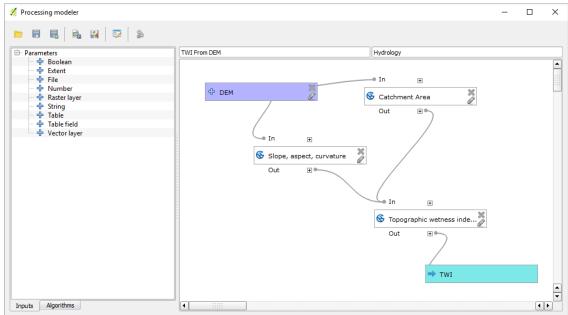


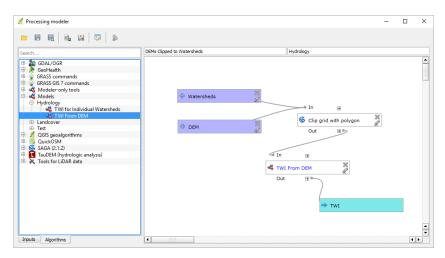


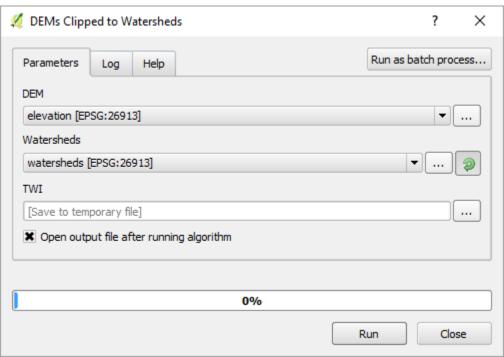


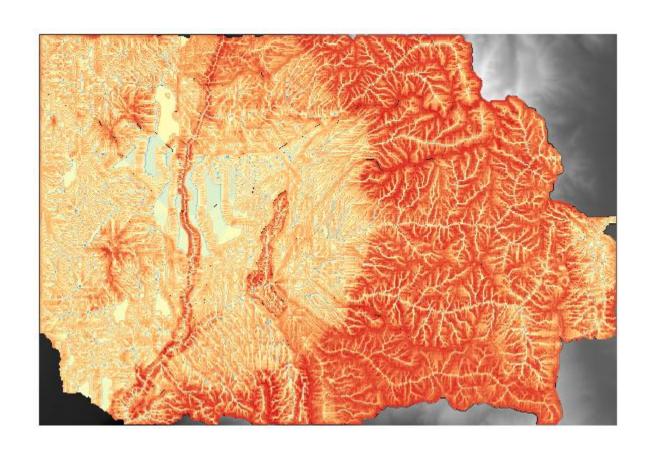


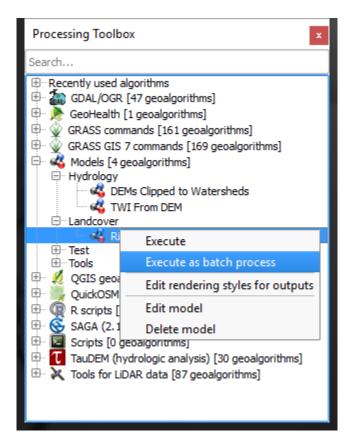








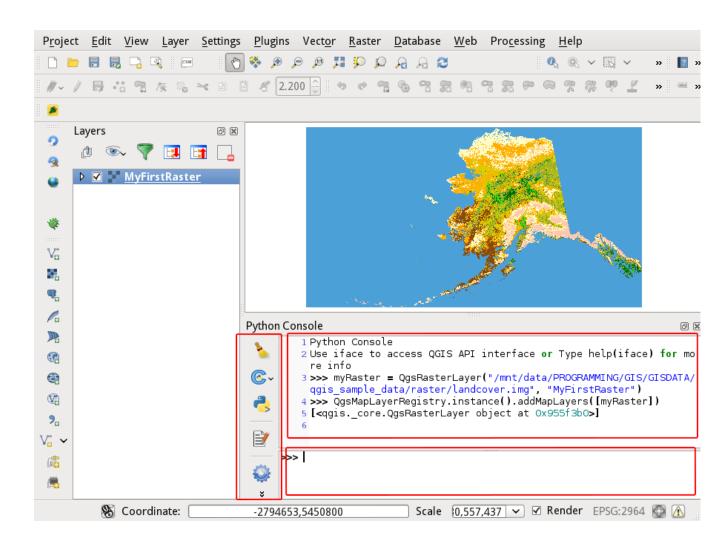




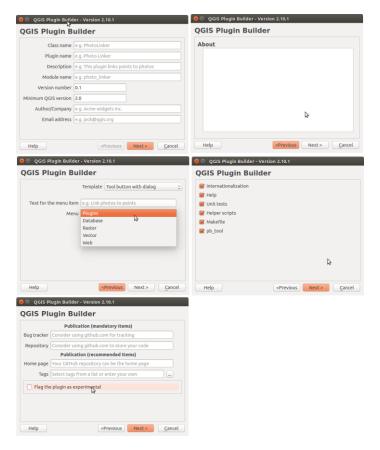


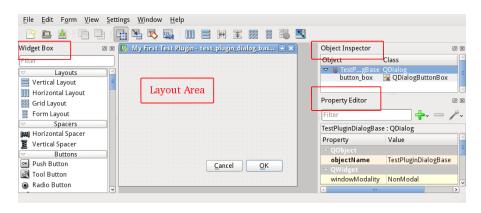
Chapter 10 – Creating QGIS Plugins with PyQGIS and Problem Solving

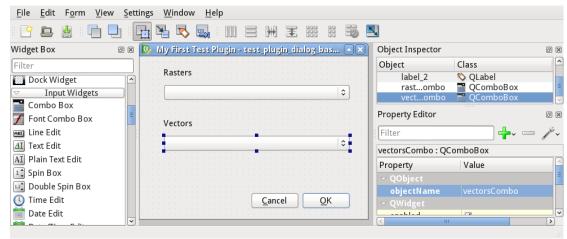


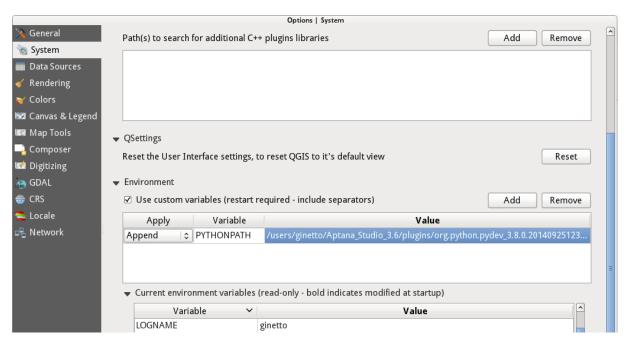


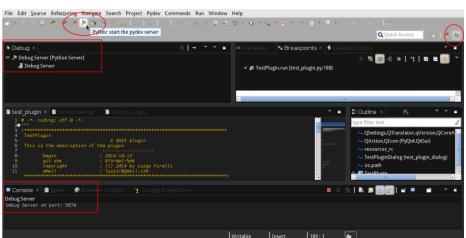


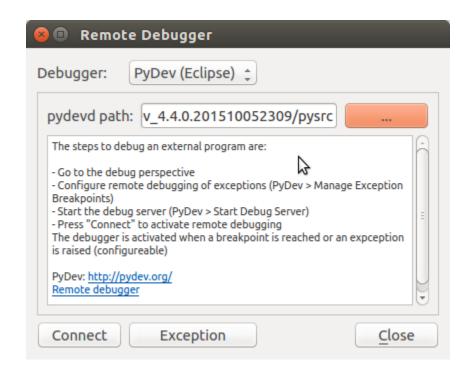


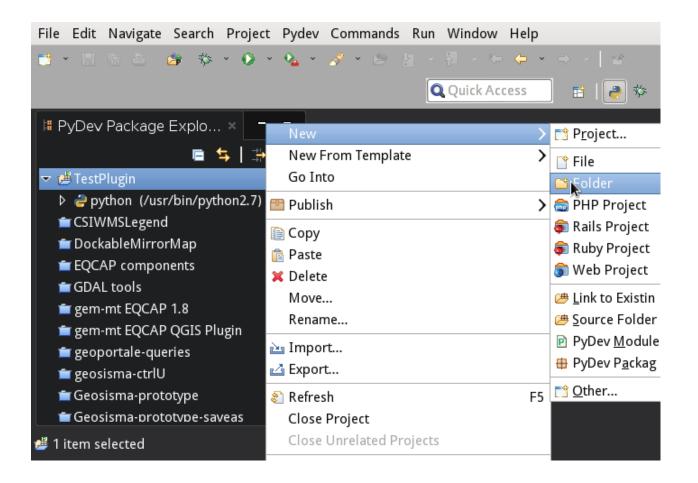








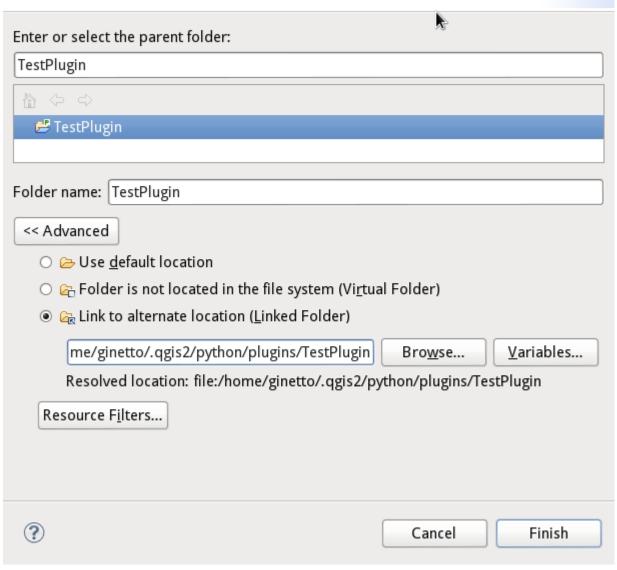


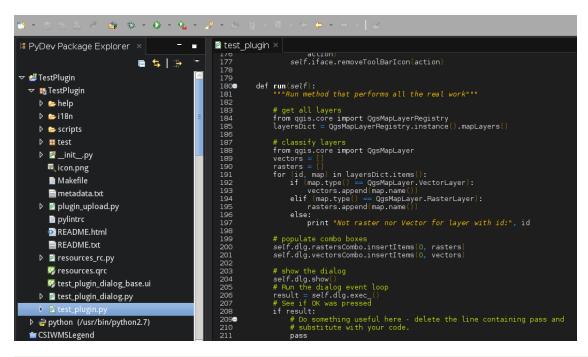


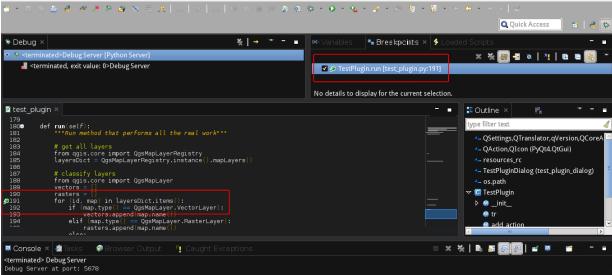
Folder

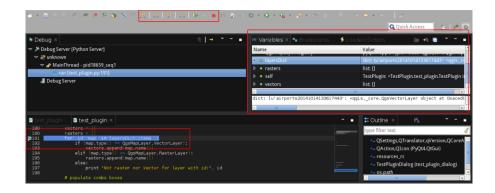
Create a new folder resource.



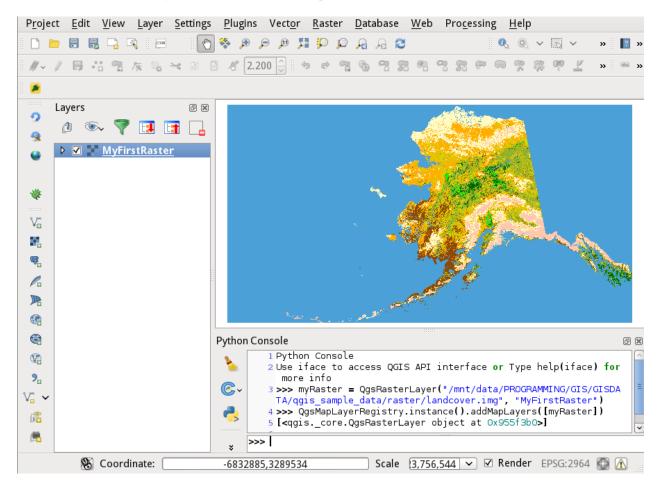








Chapter 11 - PyQGIS Scripting



Header	QgsFields			
	QgsField		QgsField	
	QgsFeature			
Row 0	Qysreature			
	QgsAttributes[0]		QgsAttributes[n]	QgsGeometry
	QgsFeature			
Row featureCount()-1	Qg5i Gatai G			
	QgsAttributes[0]		QgsAttributes[n]	QgsGeometry

