## Points in Polygon Analysis

## QGIS Tutorials and Tips

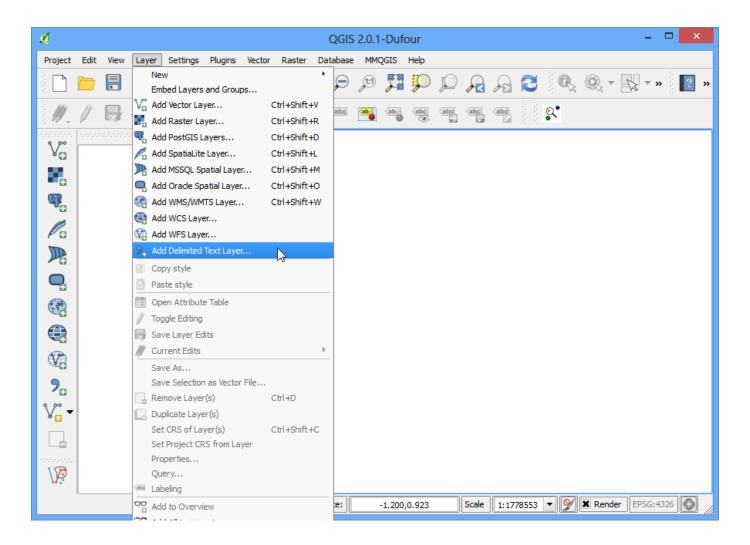


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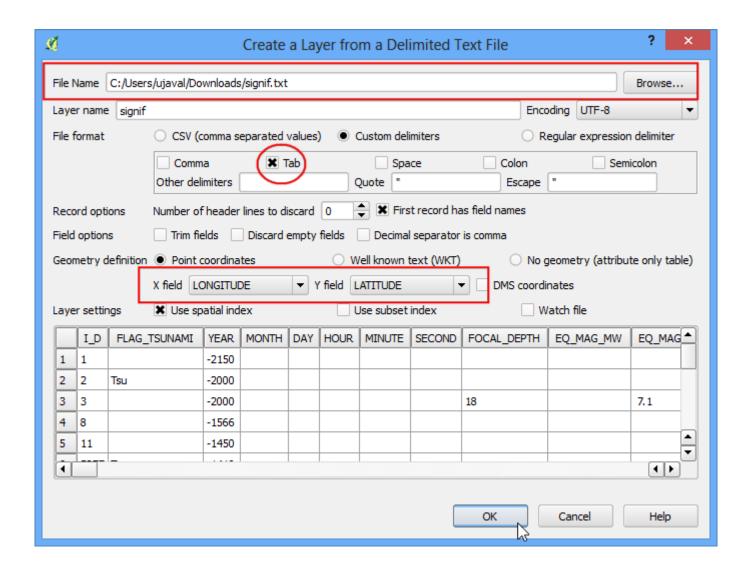
Translations by SongHyun Choi

GIS
0000 000 00 00 000000 0000 0000, 00 000 00
Database



2. □□□ □□□ □□□ \*tab-delimited file\*□□□ □□ :guilabel:`File format`□ □ :guilabel:`Tab`□ □□□□□. X□□ :guilabel:`X field`□ Y□□ :guilabel:`Y field`□ □□□□□ :guilabel:`OK`□ □□□□□.

## Note

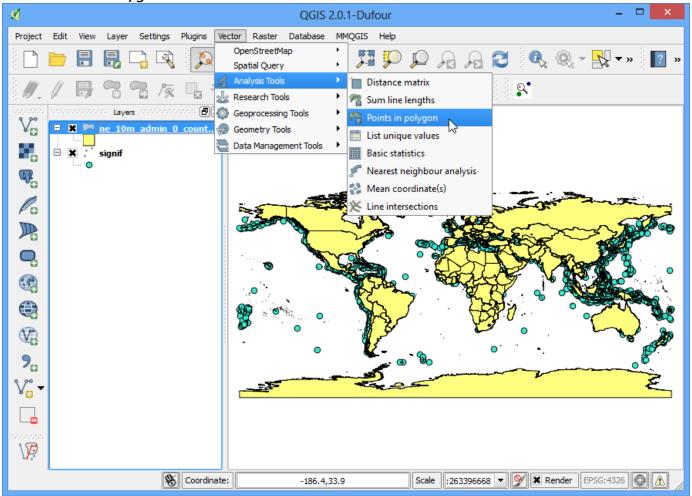




4. The earthquake point layer would now be loaded and displayed in QGIS. Let's also open the Countries layer. Go to Layer Add Vector Layer. Browse to the downloaded ne\_10m\_admin\_0\_countries.zip file and click Open. Select the ne\_10m\_admin\_0\_countries.shp as the layer in the Select layers to add... dialog.

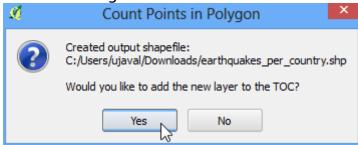


5.  $\square$   $\square$   $\longrightarrow$   $\square$   $\square$   $\longrightarrow$   $\square$   $\square$   $\square$   $\square$  :menuselection: Vector  $\longrightarrow$  Analysis Tools  $\longrightarrow$  Point in Polygon  $\square$   $\square$   $\square$   $\square$   $\square$   $\square$ 

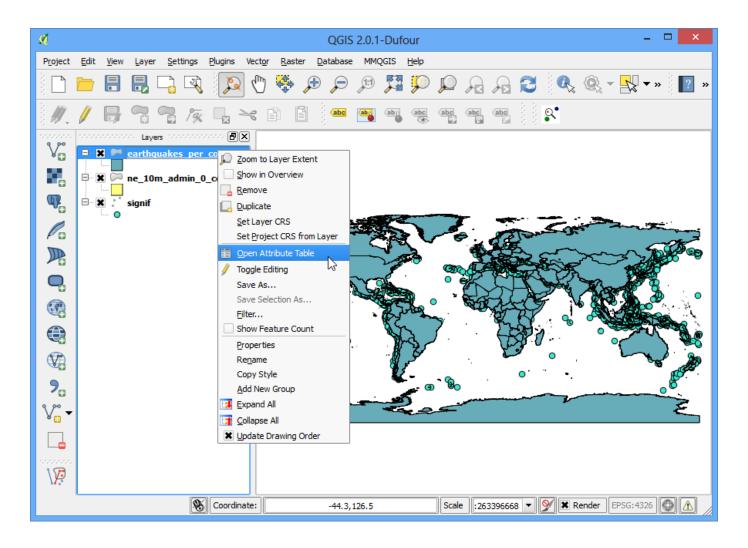


## Note

7. 0000 TOC0 000 00 0000 :guilabel: `Yes` 0 00000.



8. TOC | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000



9. 00 00000 ``PNTCNT``00 000 000 0000 000. 000 0 0000 000

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	REGION_WB	NAME_LEN	LONG_LEN	ABBREV_LEN	TINY	HOMEPART	PNTCNT
)	Latin America	5.00	5.00	5.00	4.00	-99.00	0.0000000000000
	South Asia	11.00	11.00	4.00	-99.00	1.00	57.00000000000
2	Sub-Saharan Af	6.00	6.00	4.00	-99.00	3 1.00	0.000000000000
3	Latin America	8.00	8.00	4.00	-99.00	-99.00	0.000000000000
4	Europe & Centr	7.00	7.00	4.00	-99.00	1.00	44.00000000000
5	Europe & Centr	5.00	13.00	5.00	5.00	-99.00	0.000000000000
6	Europe & Centr	7.00	7.00	4.00	5.00	1.00	0.000000000000
7	Middle East &	20.00	20.00	6.00	-99.00	1.00	0.000000000000
8	Latin America	9.00	9.00	4.00	-99.00	1.00	20.00000000000
9	Europe & Centr	7.00	7.00	4.00	-99.00	1.00	14.000000000000
10	East Asia & Pac	14.00	14.00	9.00	3.00	-99.00	0.000000000000
11	Antarctica	10.00	10.00	4.00	-99.00	1.00	0.000000000000
12	East Asia & Pac	23.00	27.00	7.00	-99.00	-99.00	0.000000000000
13	Sub-Saharan Af	22.00	35.00	10.00	2.00	-99.00	0.000000000000
14	Latin America	17.00	19.00	6.00	4.00	1.00	0.000000000000
15	East Asia & Pac	9.00	9.00	4.00	-99.00	1.00	9.000000000000
16	Europe & Centr	7.00	7.00	5.00	-99.00	1.00	4.0000000000000
17	Europe & Centr	10.00	10.00	4.00	-99.00	1.00	15.00000000000
18	Sub-Saharan Af	7.00	7.00	4.00	-99.00	1.00	1.0000000000000
19	Europe & Centr	7.00	7.00	5.00	-99.00	1.00	2.0000000000000
20	Sub-Saharan Af	5.00	5.00	5.00	-99.00	1.00	1.0000000000000
21 1	Sub-Saharan ∆f	12.00	12 00	4.00	-99.00	1.00	0.00000000000



	REGION_WB	NAME_LEN	LONG_LEN	ABBREV_LEN	TINY	HOMEPART	PNTCNT			
42	East Asia & Pac	5.00	5.00	5.00	-99.00	1.00	540.00000000000			
108	Middle East &	4.00	4.00	4.00	-99.00	0020	345.00000000000			
112	Europe & Centr	5.00	5.00	5.00	-99.00	1.00	263.0000000000			
230	Europe & Centr	6.00	6.00	4.00	-99.00	1.00	259.0000000000			
146	Latin America	6.00	6.00	4.00	-99.00	1.00	157.0000000000			
238	North America	13.00	13.00	6.00	-99.00	1.00	152.0000000000			
102	East Asia & Pac	9.00	9.00	5.00	-99.00	1.00	129.0000000000			
90	Europe & Centr	6.00	6.00	6.00	-99.00	1.00	119.00000000000			
41	Latin America	5.00	5.00	5.00	-99.00	1.00	111.00000000000			
177	Latin America	4.00	4.00	4.00	-99.00	1.00	110.00000000000			
179	East Asia & Pac	11.00	11.00	5.00	-99.00	1.00	101.0000000000			
116	East Asia & Pac	5.00	5.00	5.00	-99.00	1.00	87.00000000000			
104	South Asia	5.00	5.00	5.00	-99.00	1.00	70.000000000000			
50	Latin America	8.00	8.00	4.00	-99.00	1.00	64.000000000000			
1	South Asia	11.00	11.00	4.00	-99.00	1.00	57.00000000000			
67	Latin America	7.00	7.00	4.00	-99.00	1.00	52.00000000000			
232	East Asia & Pac	6.00	6.00	6.00	-99.00	1.00	46.000000000000			
4	Europe & Centr	7.00	7.00	4.00	-99.00	1.00	44.000000000000			
174	South Asia	8.00	8.00	4.00	-99.00	1.00	42.000000000000			
66	Middle East &	7.00	7.00	4.00	-99.00	1.00	40.00000000000			
77	Europe & Centr	6.00	6.00	3.00	-99.00	1.00	38.00000000000			
2 <u>/</u> 22 ↓	Latin America	9.00	9.00	4 00	-99.00	1.00	38.0000000000			

