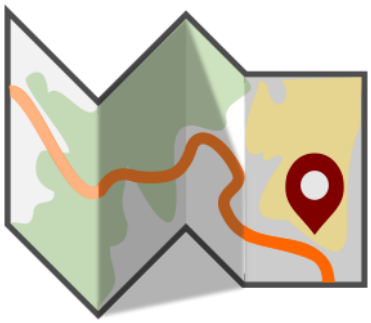
Points in Polygon Analysis

QGIS Tutorials and Tips



Author
Ujaval Gandhi
http://google.com/+UjavalGandhi

Translations by
SongHyun Choi

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Natural Earth□ Admin 0 - Countries □□□□□ □□□ □□□□. `countries <http://www.naturalearthdata.com/http//www.naturalearthdata.com/download/10m/cultural/ne_10m_admin_0_countries.zip>`_□ □□□□ □□□.

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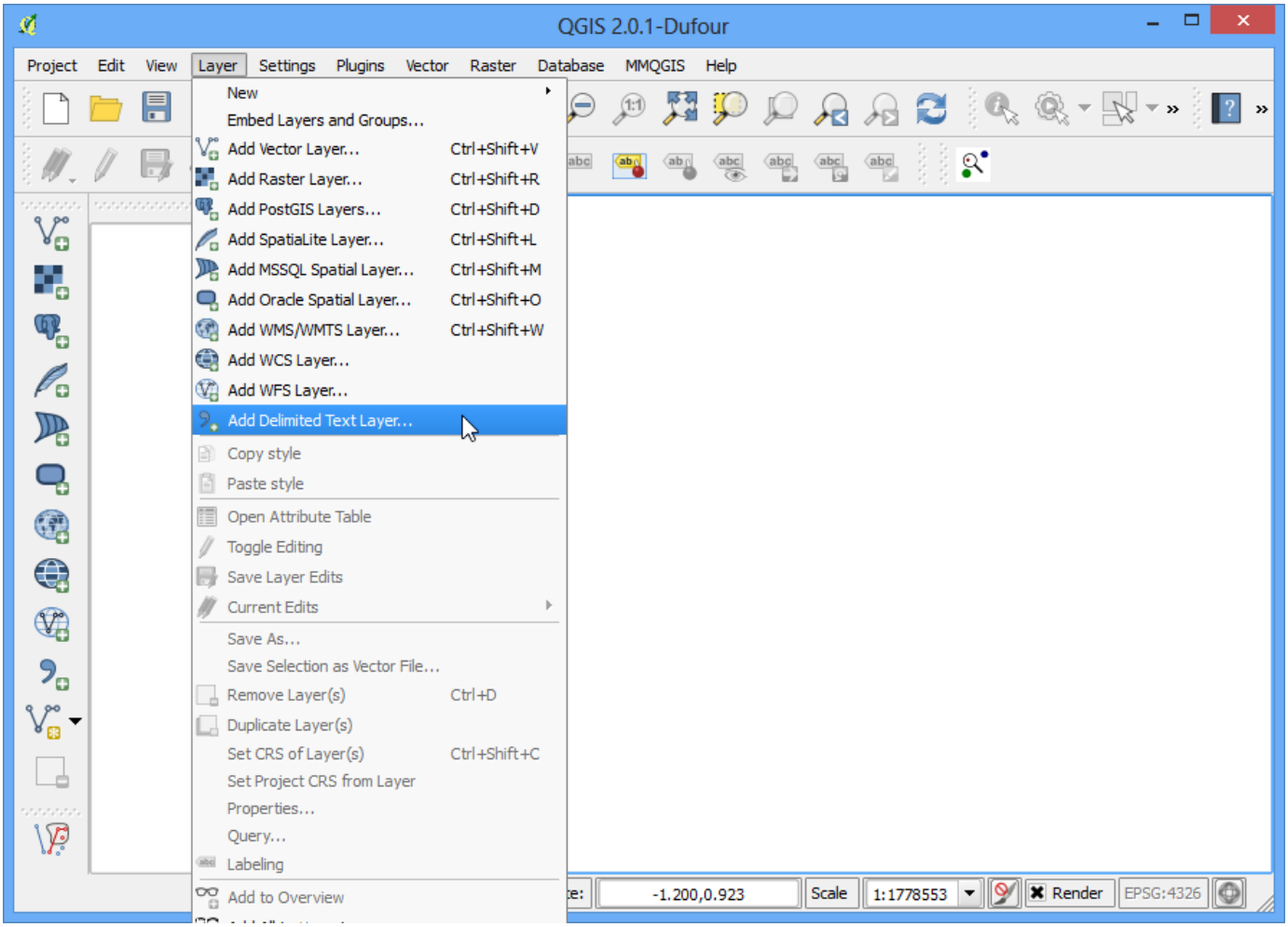
1. □□ □□□ --> □□□□ □□□ □□□ □□□ □□ :menuselection:`Layer --> Add Delimited Text Layer`□ □□ □□□□□ ``signif.txt``□□□ □□□□.



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

Note

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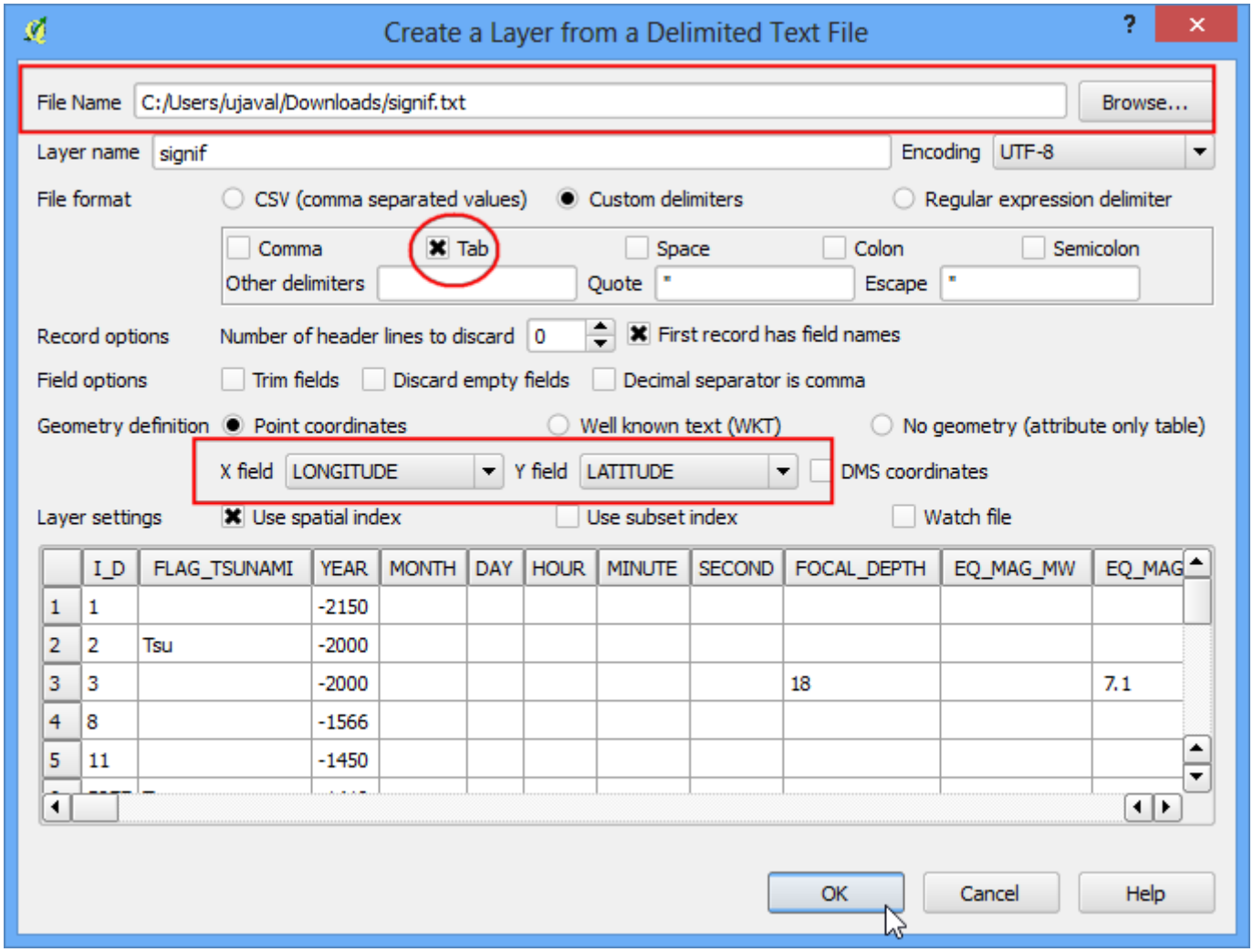
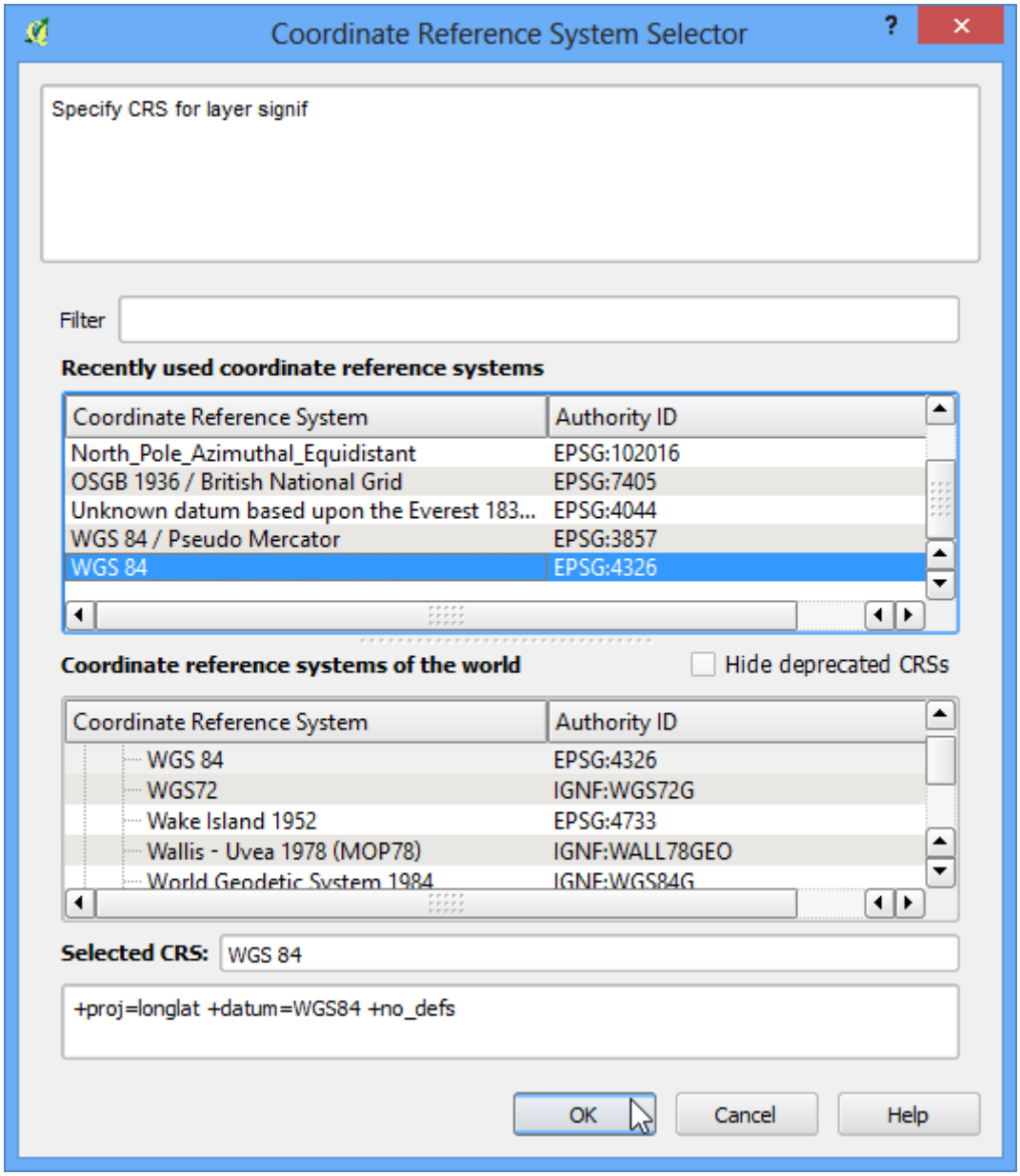
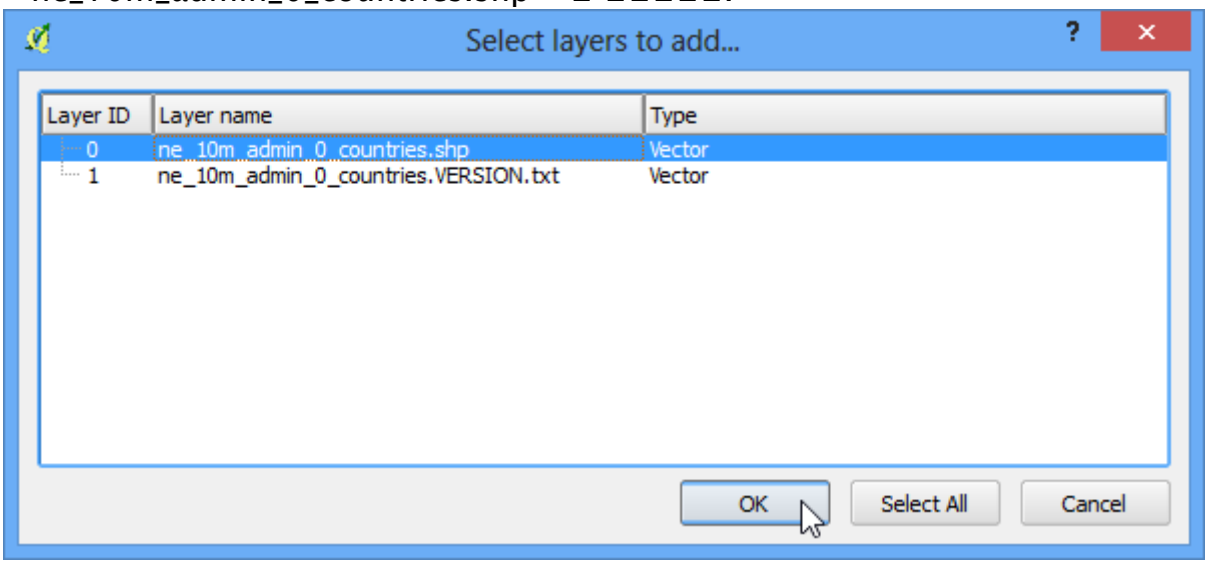


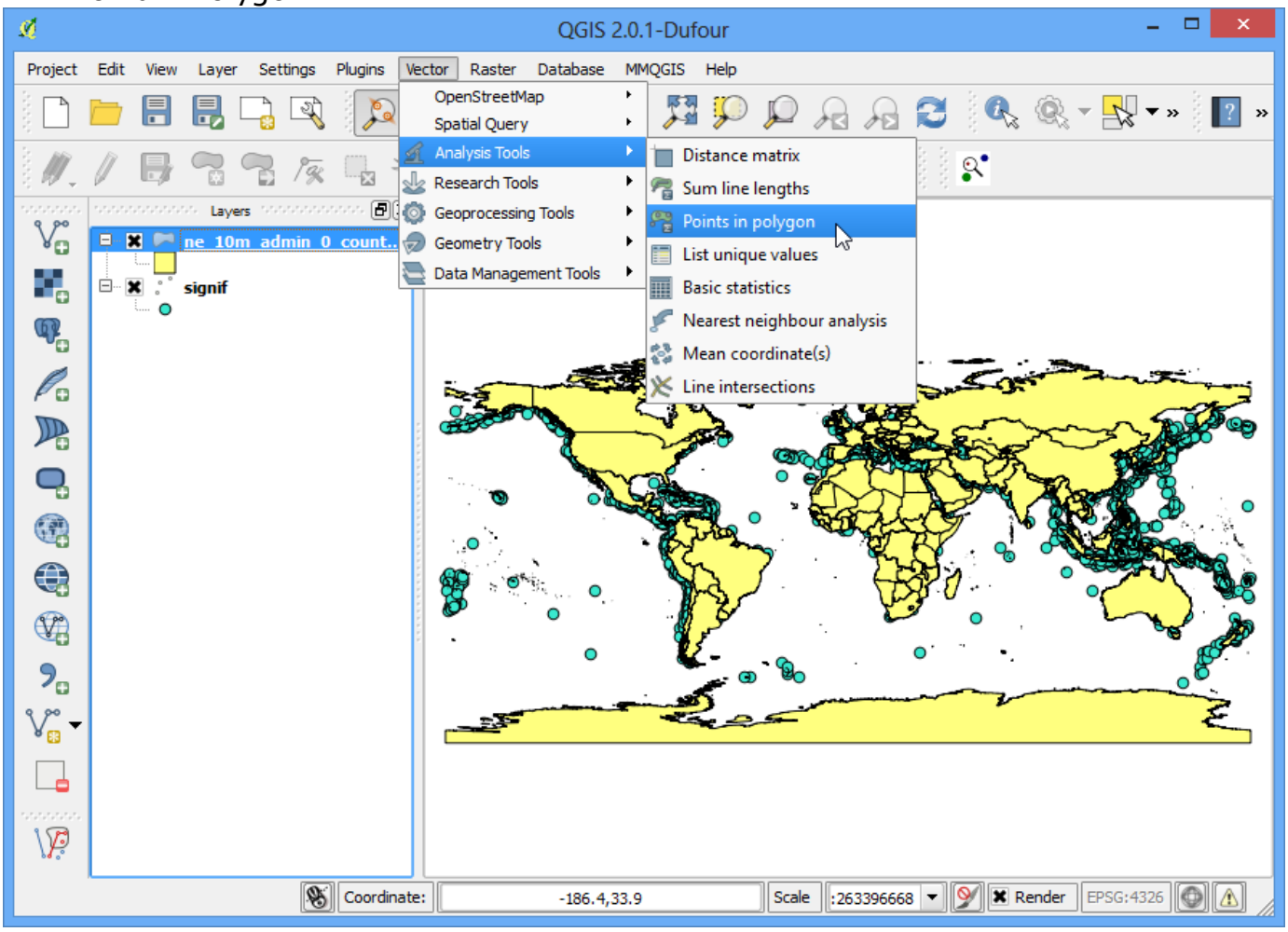
3. □□ □□□□□ □□/□□ □□□ □□□□ □□□□□ Coordinate Reference System Selector □□□□□□□ □□□□ :guilabel:`WGS 84 EPSG:436`□ □□□□□.



4. □□ □□□ □□□□ QGIS□ □□□□□. □□ □□ □□□□ □□□□. □□ □□□ --> □□ □□□ □□ Layer ‣ Add Vector Layer`□ □□□□. □□□□□ ``ne_10m_admin_0_countries.zip``□□□ □□ □□ :guilabel:`Open`□ □□□□□. □□□ □□□ □□ :guilabel:`Select layers to add... □□□□□□□ □□□□ ``ne_10m_admin_0_countries.shp``□ □□□□□.



5. □□ □□ --> □□ □□ --> □□□□ □ :menuselection:`Vector --> Analysis Tools --> Point in Polygon`□ □□□□□.



6. □□□□□□ □□□□ □□□□□ □□□□ □□□□□ □□ □□□□□□. □□ □□□□□ ``earthquake_per_coutry.shp``□ □□□□□ :guilabel:`OK`□ □□□□□□.

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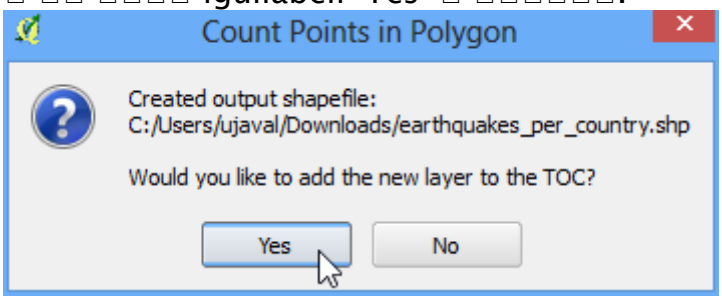
7. □□□□□ TOC□ □□□□ □□ □□□□□ :guilabel:`Yes`□ □□□□□□□.



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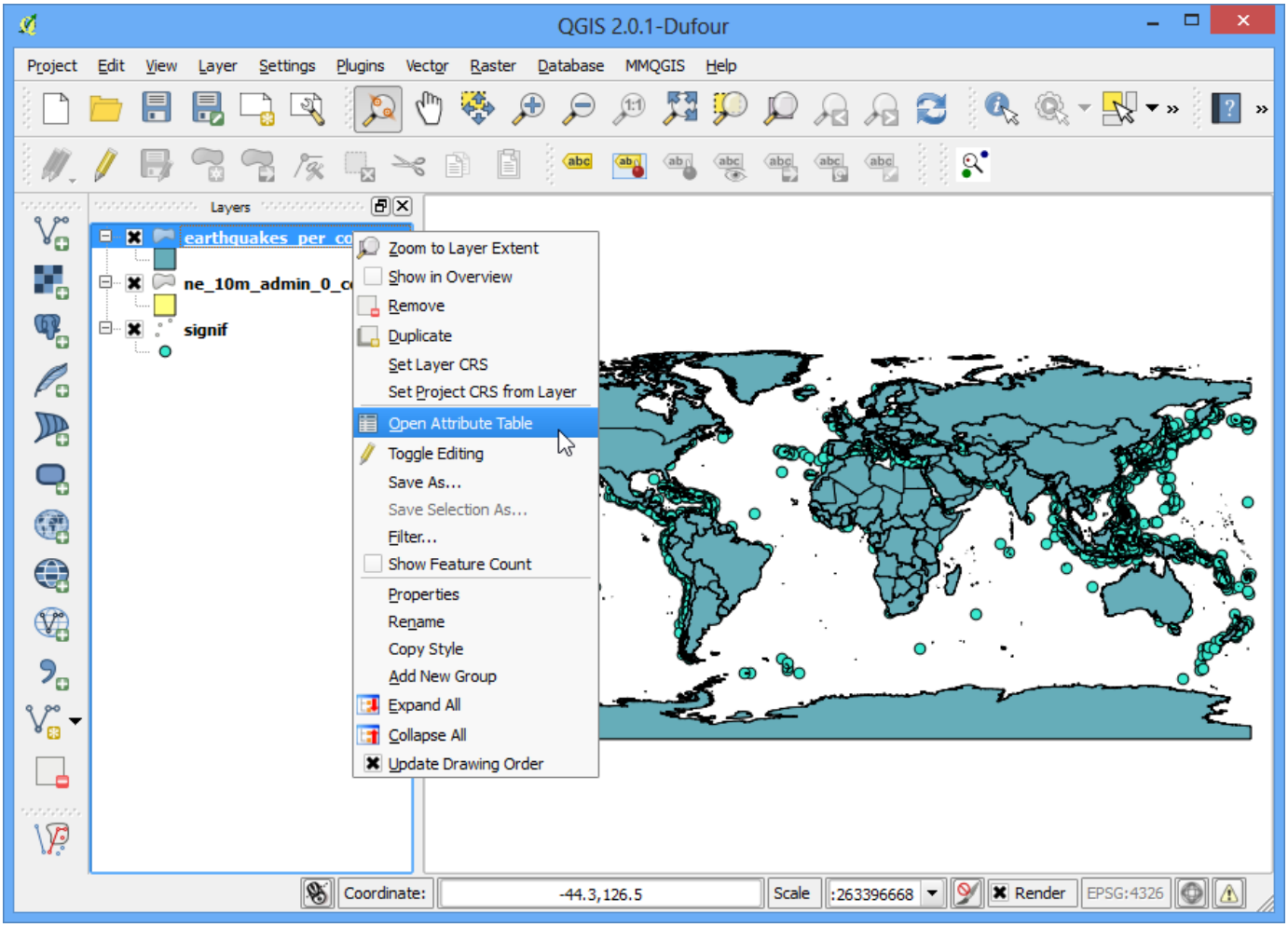
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Add New Group
Expand All
Collapse All
Update Drawing Order
Coordinate:
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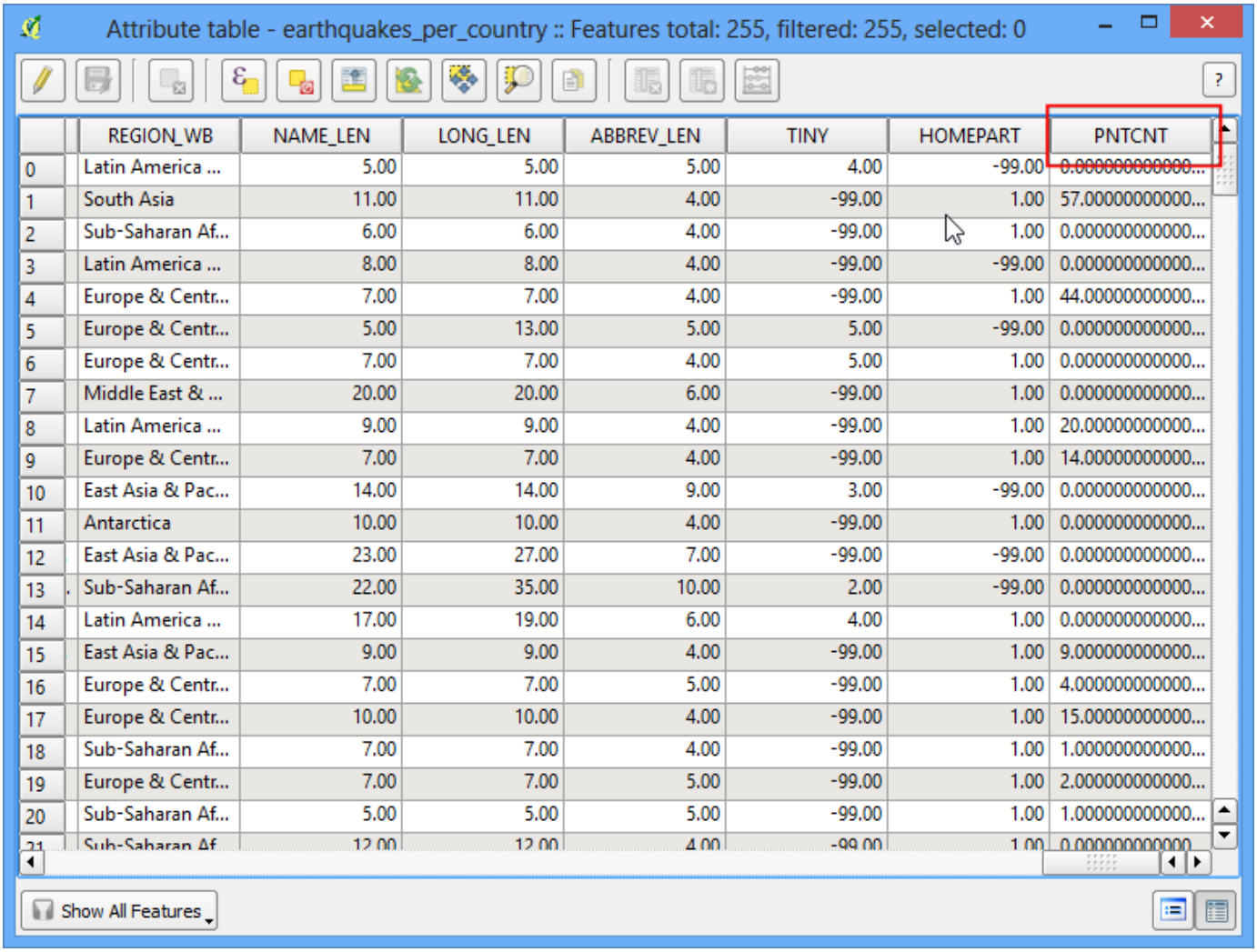
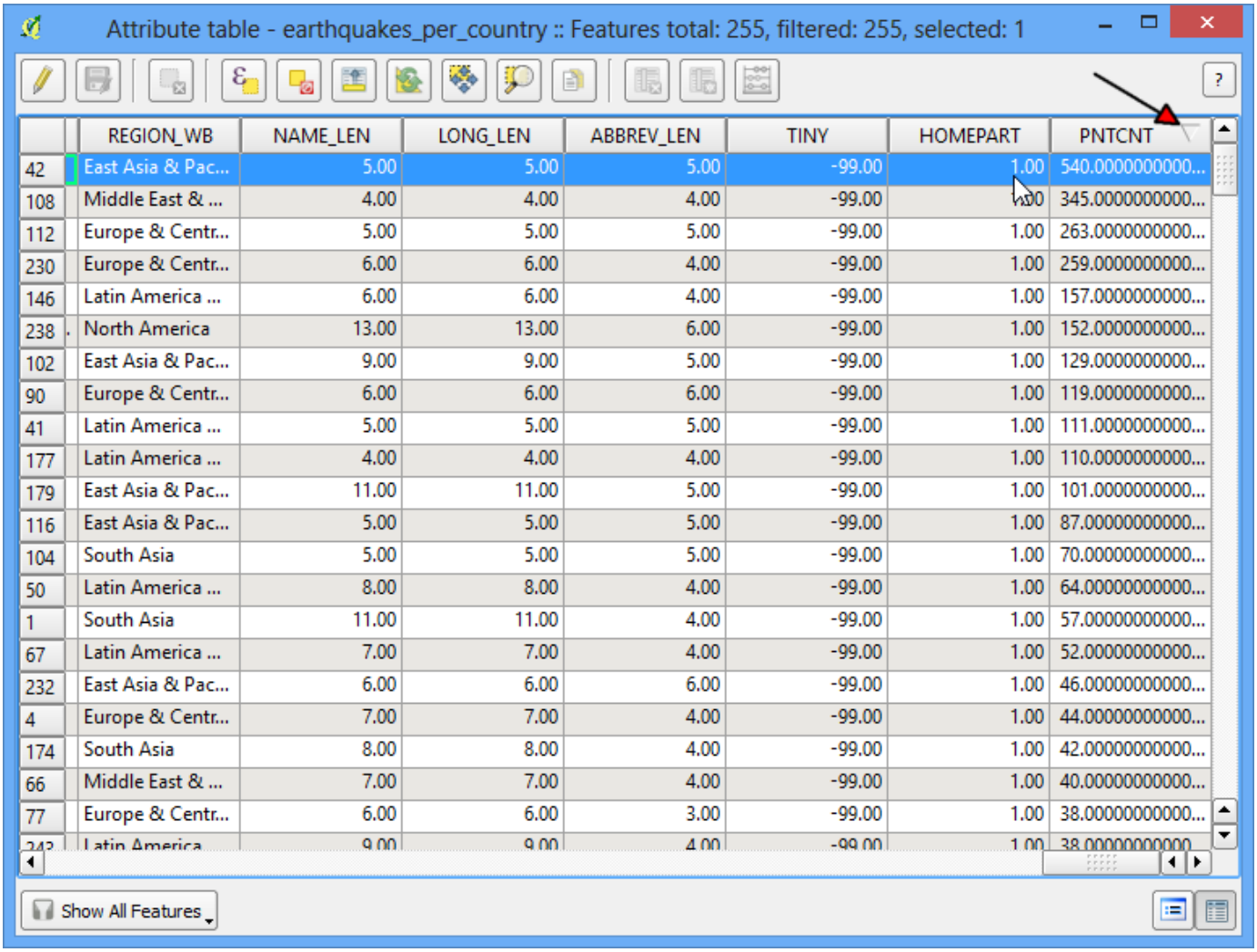
Scale
:263396668
Render
EPSG:4326

9. □□ □□□□□ ``PNTCNT``□□ □□□ □□□ □□□□ □□□□ □□□. □□□ □ □□□□□ □□□ □□□□□□□ □□ □□□ □□□ □□□□.



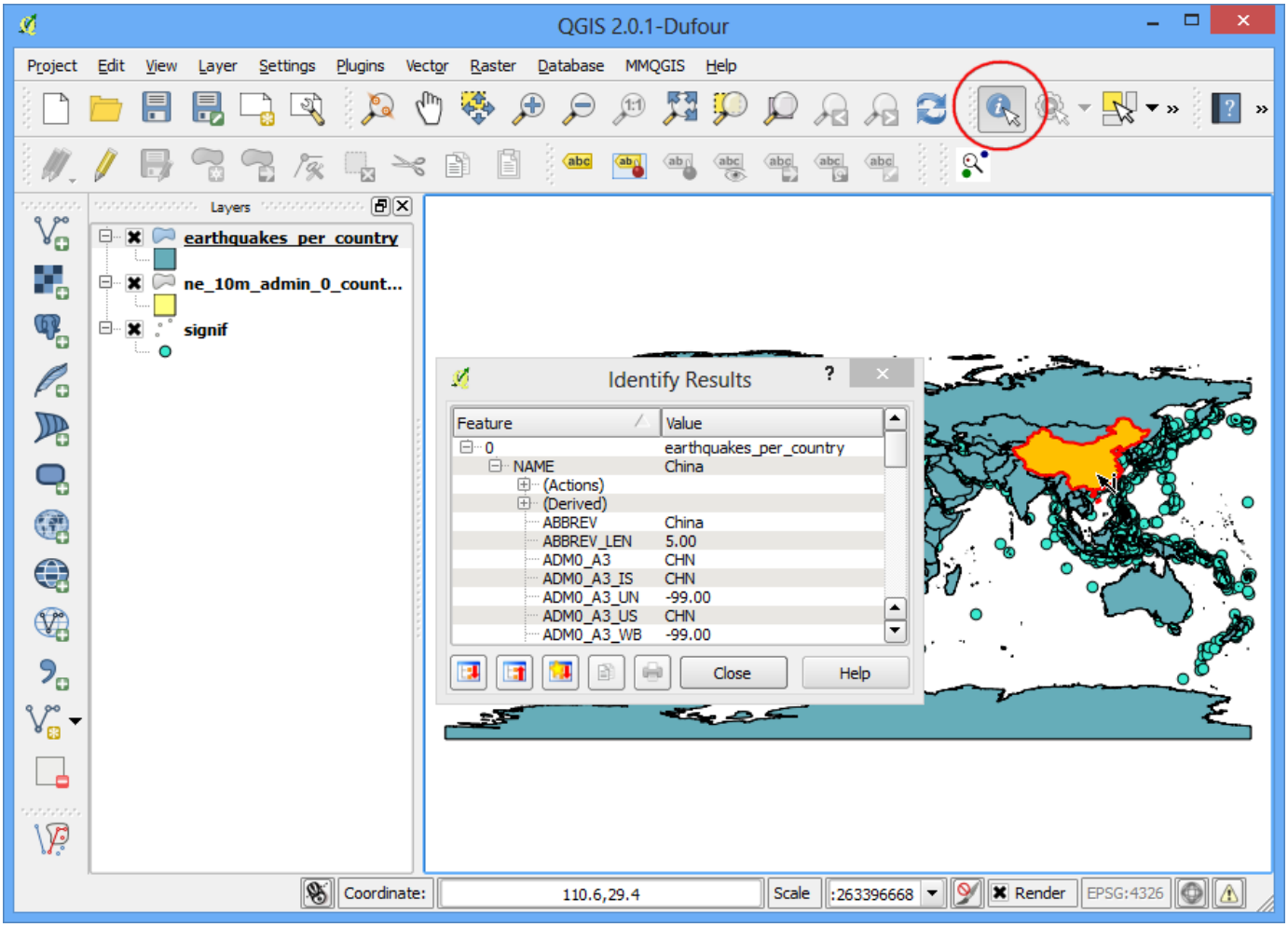
	REGION_WB	NAME_LEN	LONG_LEN	ABBREV_LEN	TINY	HOMEPART	PNTCNT
0	Latin America ...	5.00	5.00	5.00	4.00	-99.00	0.000000000000...
1	South Asia	11.00	11.00	4.00	-99.00	1.00	57.000000000000...
2	Sub-Saharan Af...	6.00	6.00	4.00	-99.00	1.00	0.000000000000...
3	Latin America ...	8.00	8.00	4.00	-99.00	-99.00	0.000000000000...
4	Europe & Centr...	7.00	7.00	4.00	-99.00	1.00	44.000000000000...
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	20.000000000000...
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	4.000000000000...
17	Europe & Centr...	10.00	10.00	4.00	-99.00	1.00	15.000000000000...
18	Sub-Saharan Af...	7.00	7.00	4.00	-99.00	1.00	1.000000000000...
19	Europe & Centr...	7.00	7.00	5.00	-99.00	1.00	2.000000000000...
20	Sub-Saharan Af...	5.00	5.00	5.00	-99.00	1.00	1.000000000000...
21	Sub-Saharan Af...	12.00	12.00	4.00	-99.00	1.00	0.000000000000...

10. □□ □□ □□ ``PNTCNT``□□□ □□□□ □□ □□ □□ □□□ □□ □□□. □□□□□□ □□□□ □□ ``PNTCNT``□□ 2□ □□□□□. □□□ □□□□ □□□ □□□ □□ □□□□ □□ □□□□ □□□□.



	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	540.0000000000...
108	Middle East & ...	4.00	4.00	4.00	-99.00	1.00	345.0000000000...
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	119.0000000000...
41	Latin America ...	5.00	5.00	5.00	-99.00	1.00	111.0000000000...
177	Latin America ...	4.00	4.00	4.00	-99.00	1.00	110.0000000000...
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	70.00000000000...
50	Latin America ...	8.00	8.00	4.00	-99.00	1.00	64.00000000000...
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	46.00000000000...
4	Europe & Centr...	7.00	7.00	4.00	-99.00	1.00	44.00000000000...
174	South Asia	8.00	8.00	4.00	-99.00	1.00	42.00000000000...
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...
243	Latin America	9.00	9.00	4.00	-99.00	1.00	38.00000000000

11. QGIS □□□ □□□□□ □ □□□ □□□□□ □□ □□□ □□ □□□□□. □□□ □□□□□□□ □□ □□ □□□ □□□ □□ □□□ □□□□□. □□ □□ :guilabel:`Identify`□□ □□□□ □□□□ □□□□□. □□□ □□□□□ □□ □□ □□□ □□ **China**□□ □ □ □□□□.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CHN
ADM0_A3_IS
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