Point Data Interpolation

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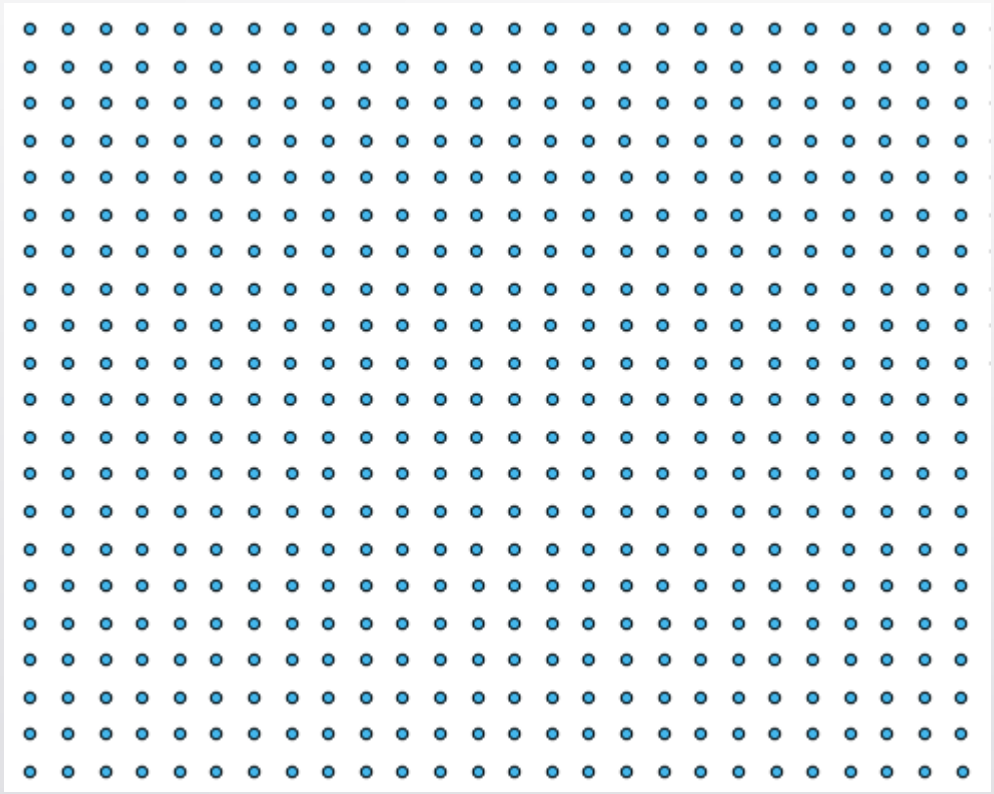
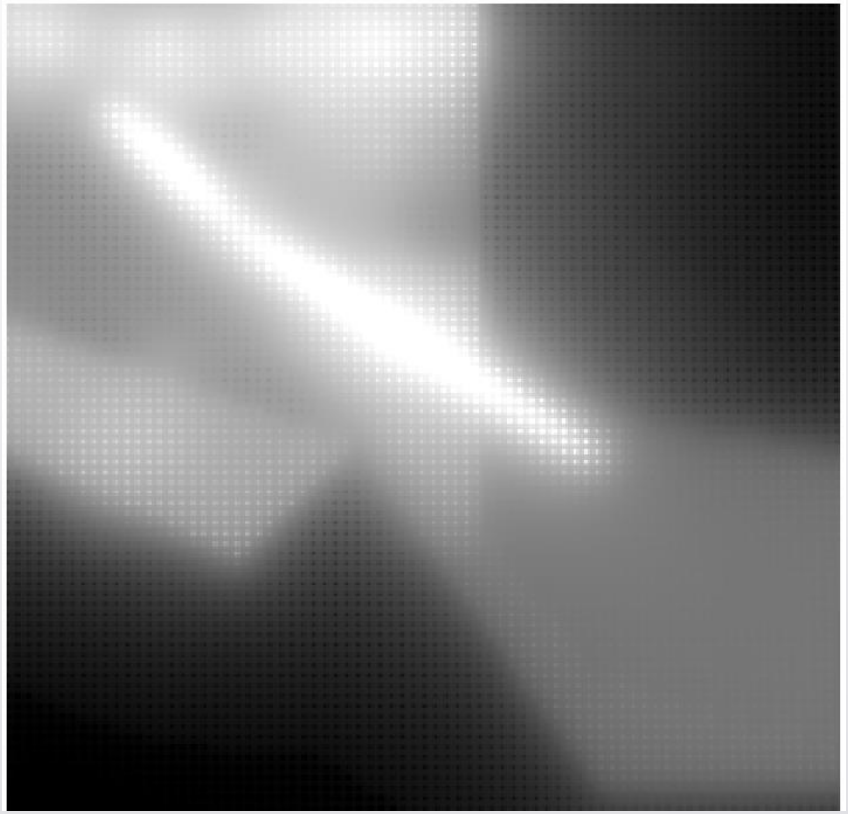
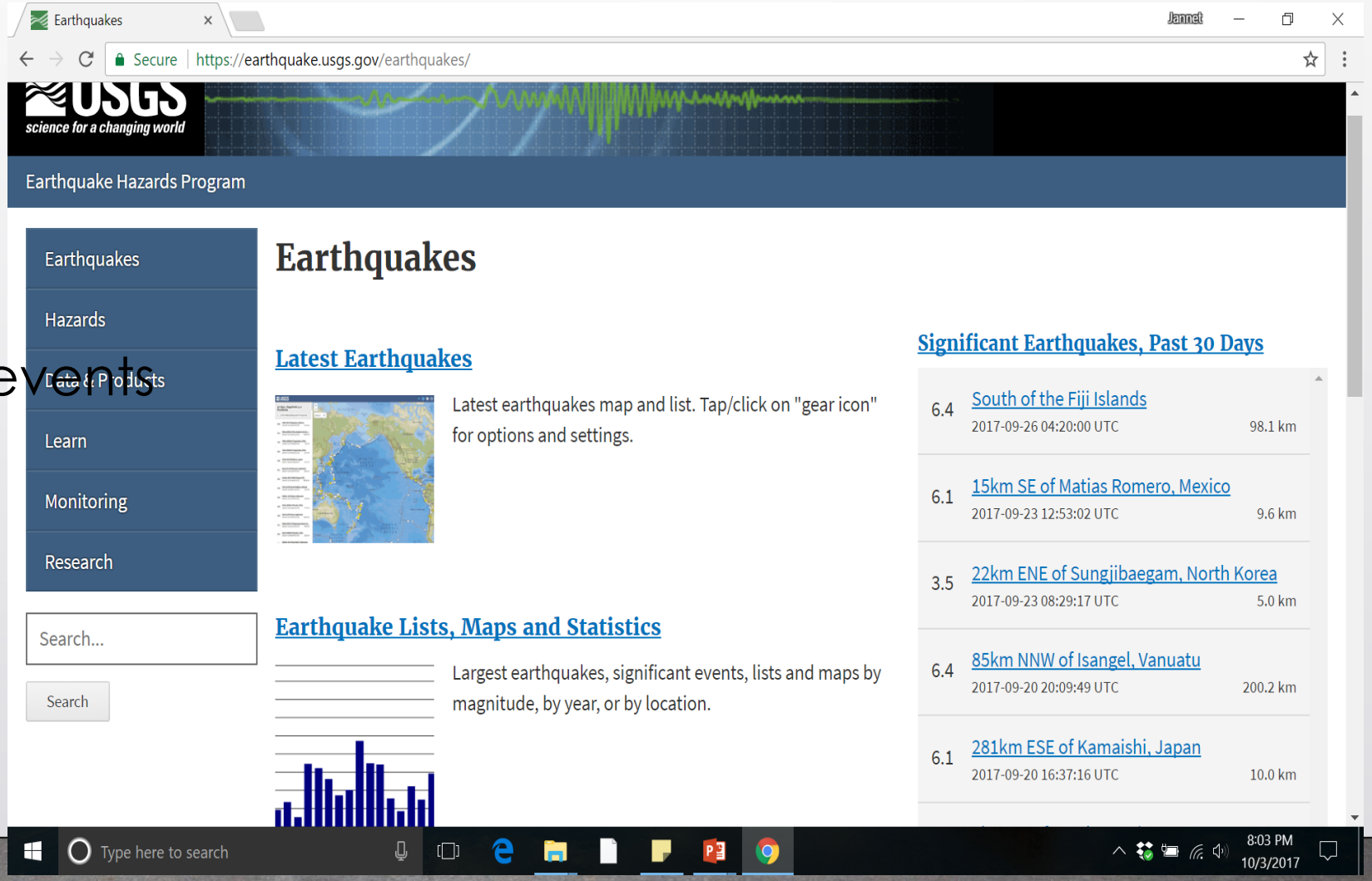


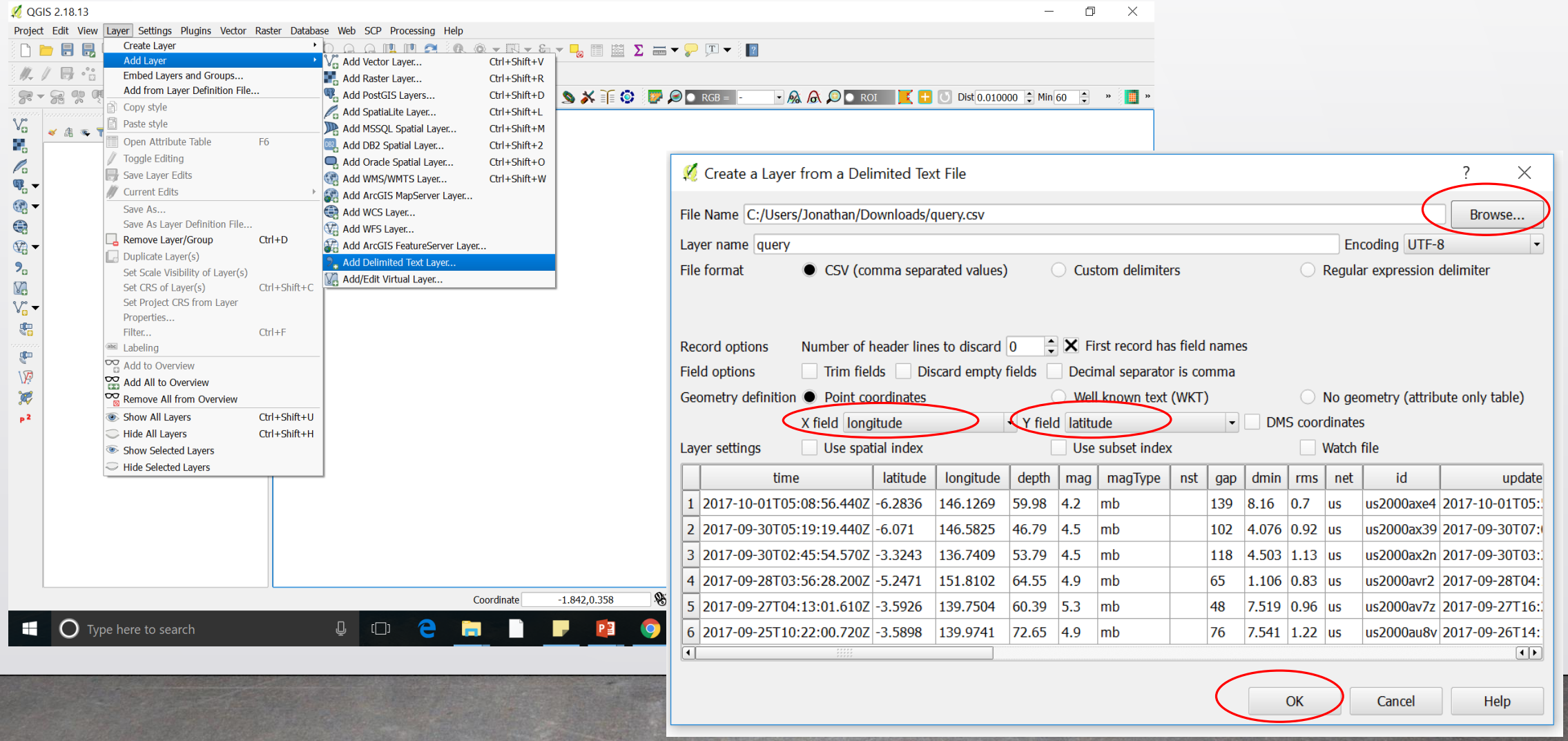


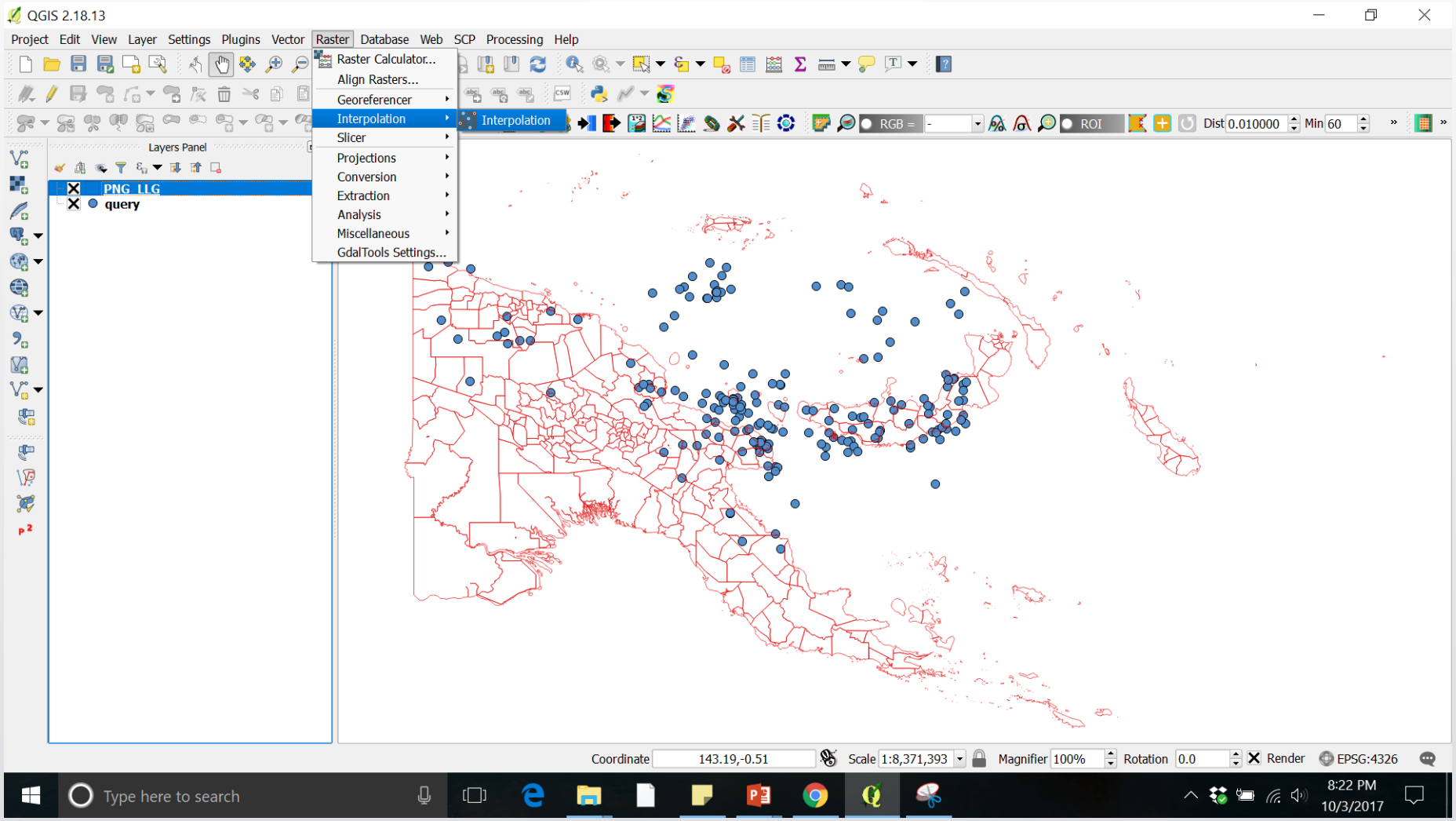
Data Needed: Downloaded from https://earthquake.usgs.gov/earthquakes/

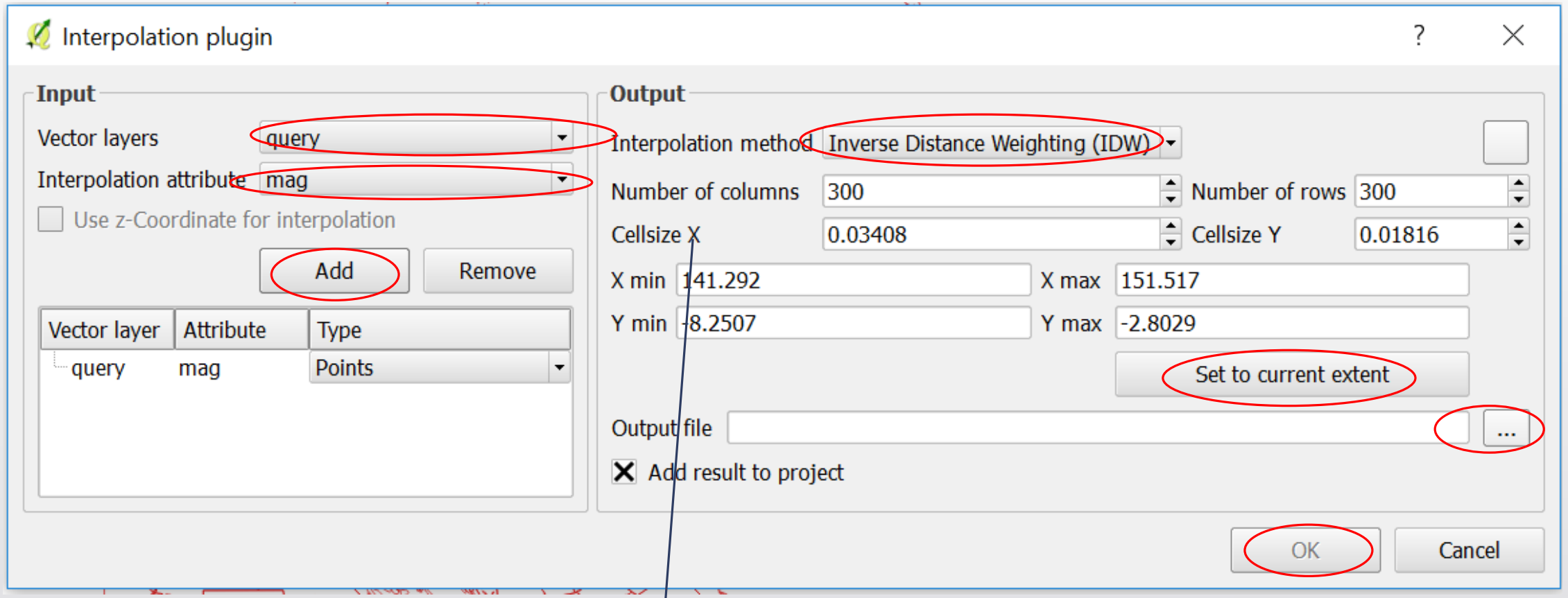
- Data filename: query.xls
- Data format: table (.xls)
- Data about: Earthquake events



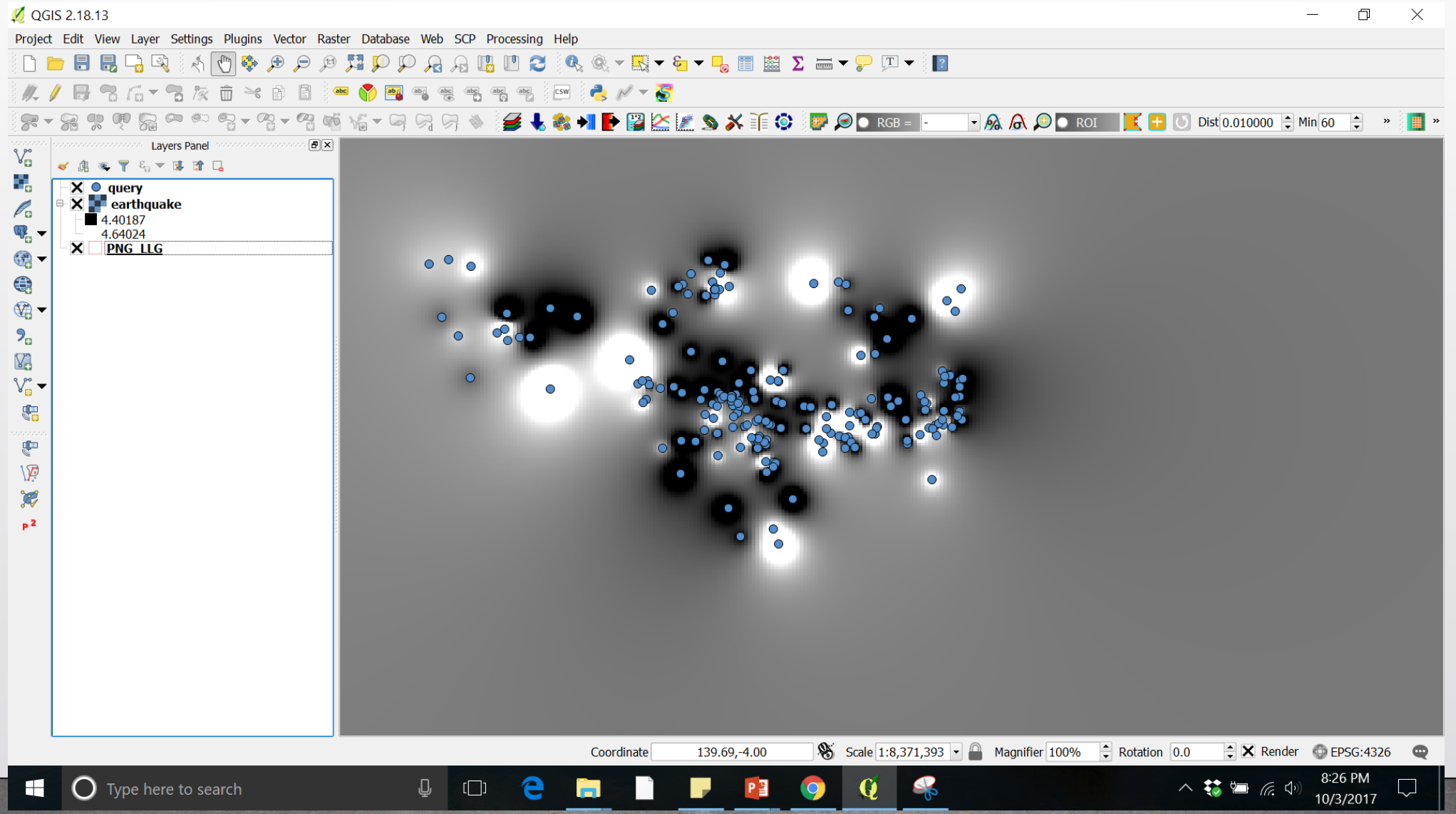
Add as “Delimited text layer”

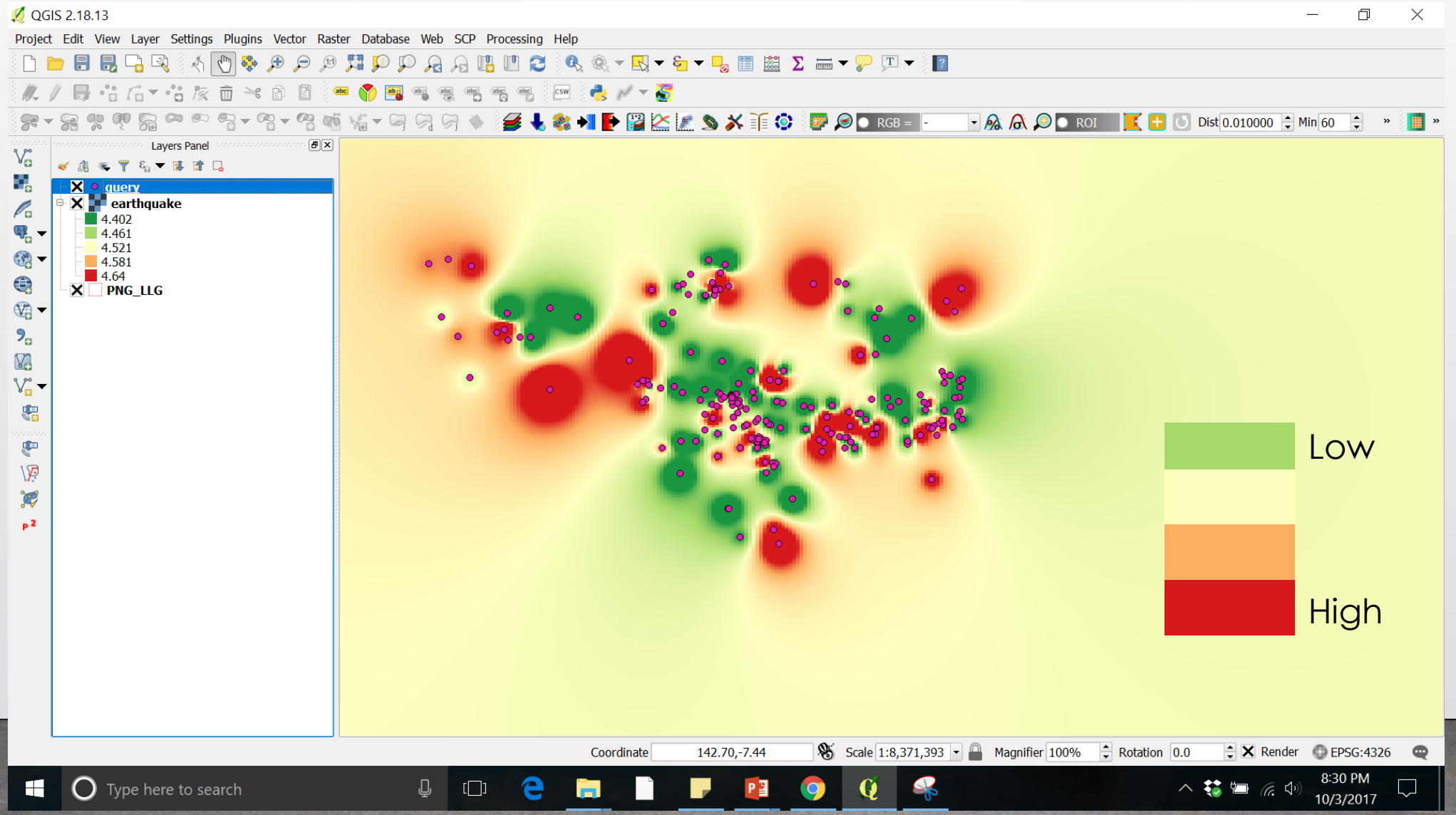



QGIS 2.18.13
Project Edit View Layer Settings Plugins Vector Raster Database Web SCP Processing Help
Raster Calculator...
Align Rasters...
Georeferencer
Interpolation
Slicer
Projections
Conversion
Extraction
Analysis
Miscellaneous
GdalTools Settings...
Interpolation
RGB =
ROI
Dist 0.010000
Min 60
Layers Panel
PNG_LLG
query
Coordinate 143.19,-0.51
Scale 1:8,371,393
Magnifier 100%
Rotation 0.0
Render
EPSG:4326
Type here to search
8:22 PM
10/3/2017



- Cellsize could be defined in terms of meters if layer is projected (e.g. UTM, Pseudo Mercator, etc.), or in terms of degrees if layer is using Geographic coordinate system (GCS)
- Note that 1 degree = 111120 meters


QGIS 2.18.13
Project Edit View Layer Settings Plugins Vector Raster Database Web SCP Processing Help
Layers Panel
query
earthquake
4.40187
4.64024
PNG_LLG
Coordinate 139.69,-4.00
Scale 1:8,371,393
Magnifier 100%
Rotation 0.0
Render
EPSG:4326
Type here to search
8:26 PM
10/3/2017


QGIS 2.18.13
Project Edit View Layer Settings Plugins Vector Raster Database Web SCP Processing Help
Layers Panel
query
earthquake
4.402
4.461
4.521
4.581
4.64
PNG_LLG
Low
High
Coordinate 142.70,-7.44
Scale 1:8,371,393
Magnifier 100%
Rotation 0.0
Render
EPSG:4326
Type here to search
8:30 PM
10/3/2017

Thank you