

GIS

#geekslam @engineyard

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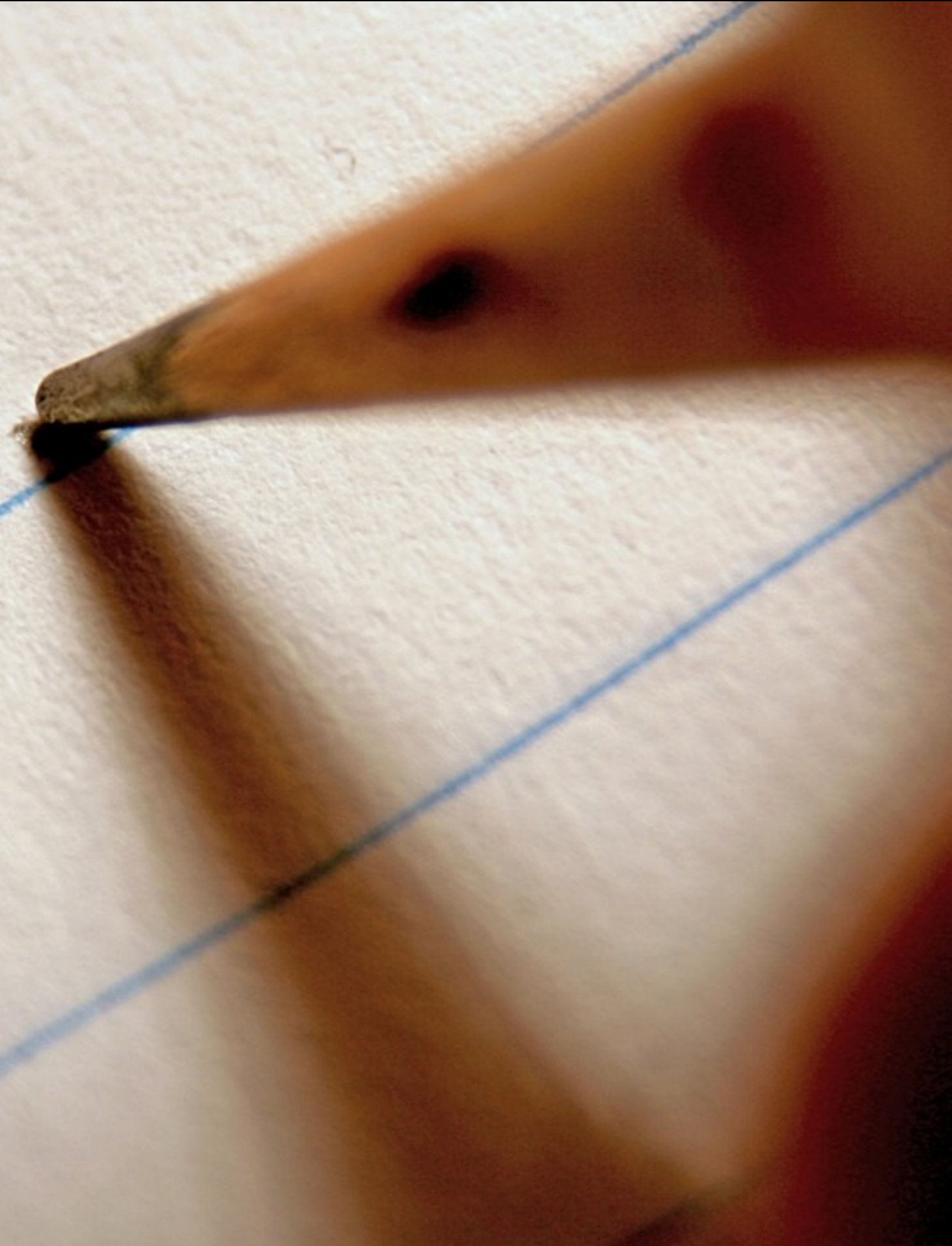








Handwritten cursive text on lined paper, possibly reading "Loving" or "Lovingly".



Story Time!

Story Time!

1854

Story Time!



1854

John Snow



50 0 50 100 150 200
Yards

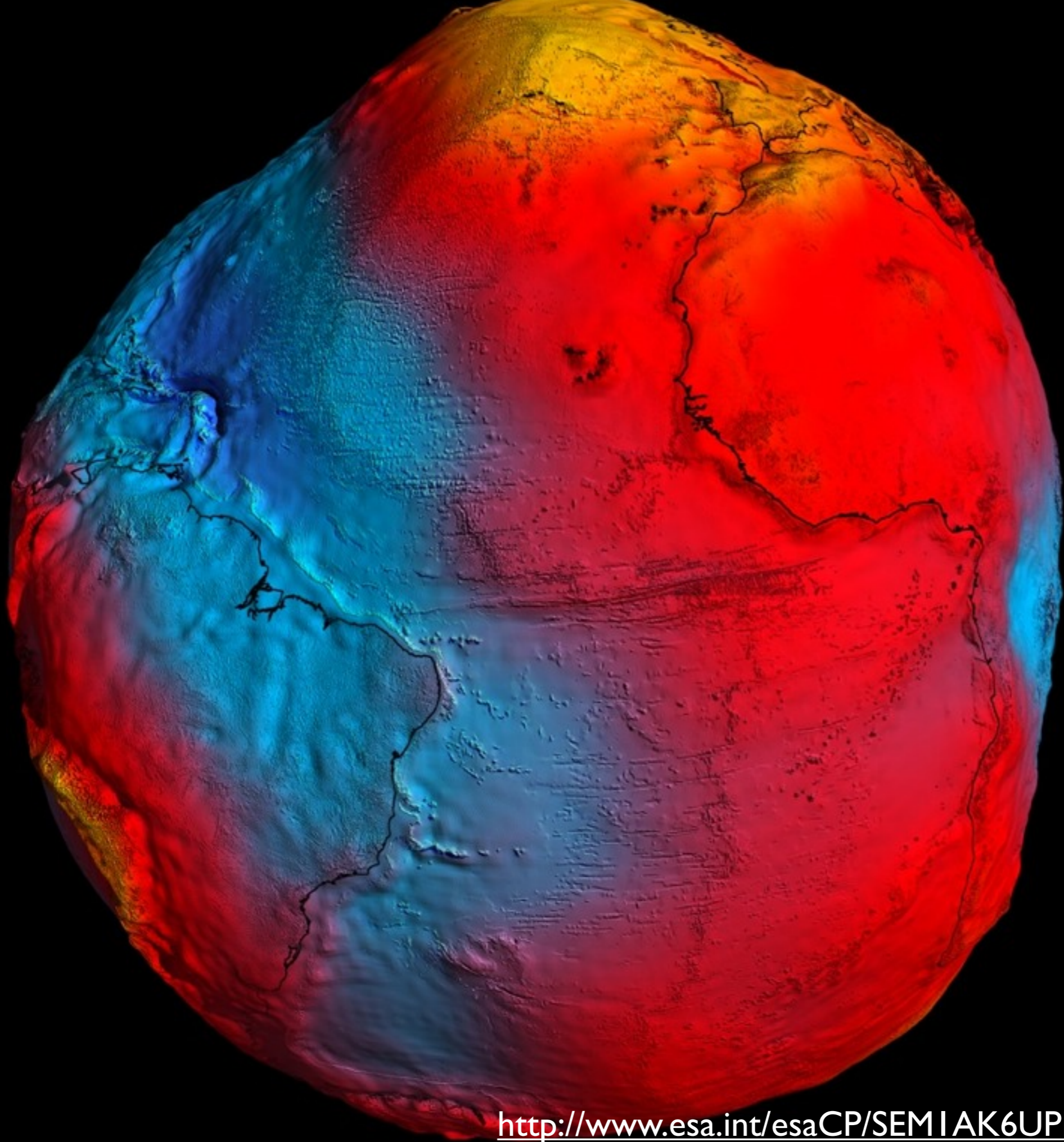
X Pump • Deaths from cholera



Coordinate Systems







```
ireland=# SELECT COUNT(*) from  
ireland=# spatial_ref_sys;
```



```
ireland=# SELECT COUNT(*) from  
ireland=# spatial_ref_sys;
```

```
count
```

```
-----
```

```
3749
```

```
(1 row)
```

Example

317406.543041837, 233720.751940833

317406.543041837, 233720.751940833

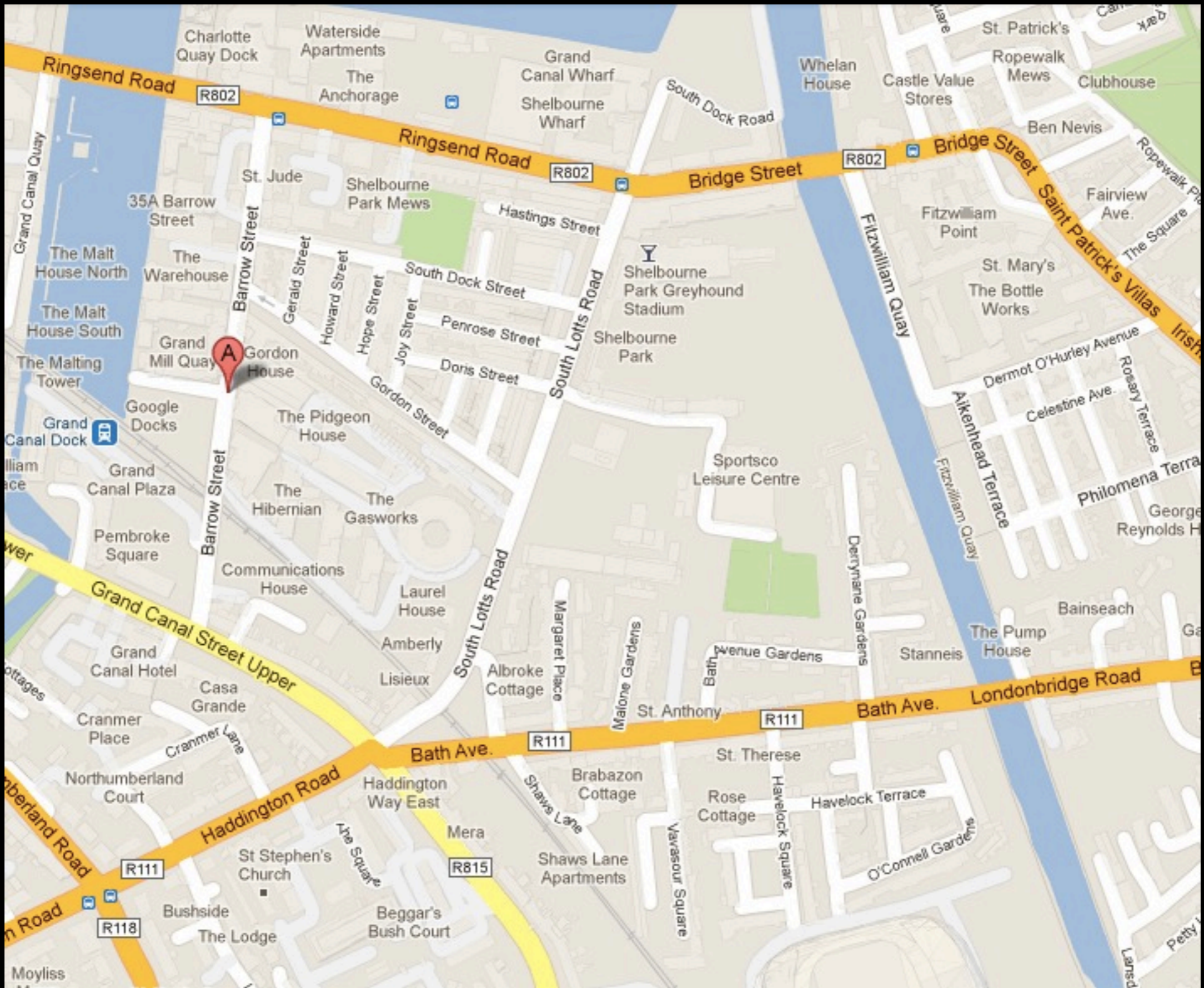
=

-6.237087, 53.3406927

-6.237087, 53.3406927



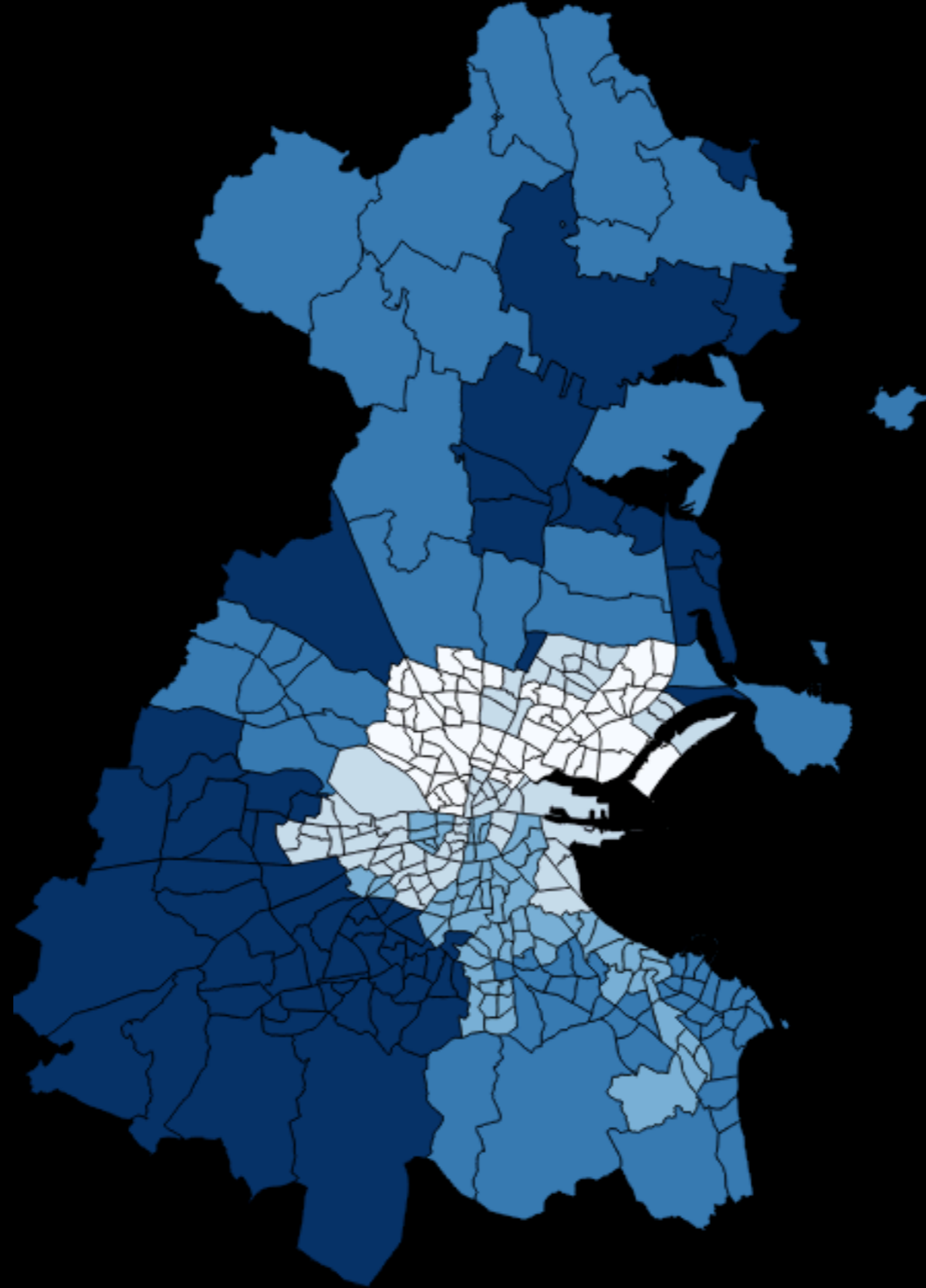
Sources





Dublinked

Dublinked



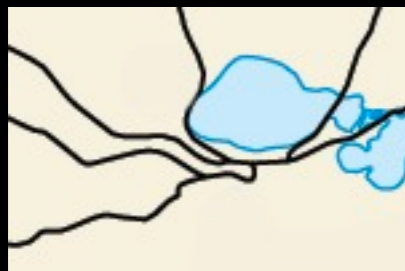


Weather

(c) [Nicholas A. Tonelli](#)



Natural Earth







Quantum GIS



Quantum GIS

The screenshot displays the Quantum GIS desktop environment. At the top is a toolbar with various icons for file operations, data management, and navigation. Below the toolbar is a 'Layers' panel showing a single layer named 'ne_10m_time_zones'. To the left of the map is an 'Identify Results' window, which is open and displays the following data for a selected feature:

Feature	Value
0	ne_10m_time_zones
name	0
(Actions)	
(Derived)	
dst_places	Ireland, United Kin
featurecla	Timezone
iso_8601	2012-05-31T09:0
map_color6	6
map_color8	1
name	0
note	
objectid	15
places	Iceland, United Kin

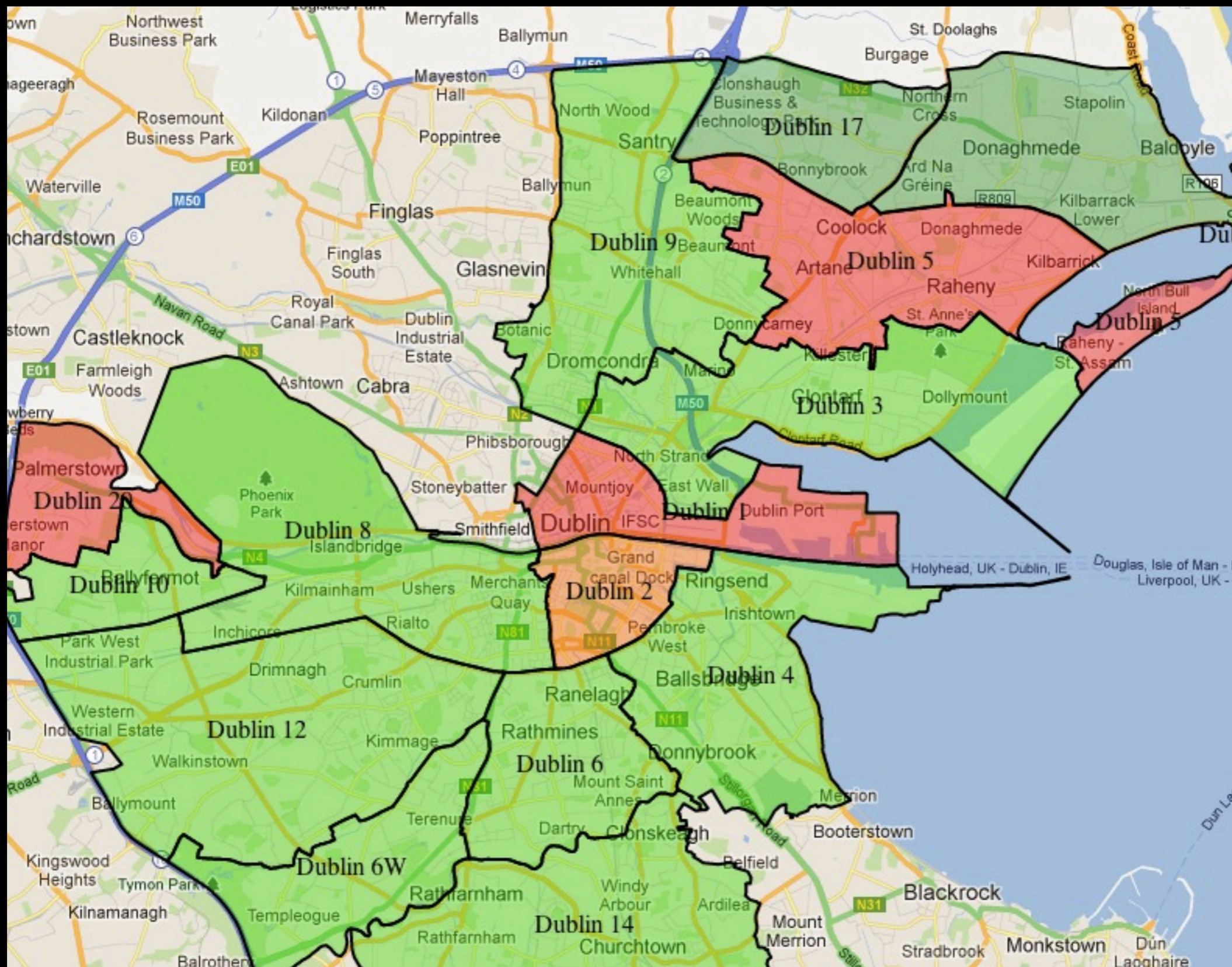
The main map area shows a world map with time zone boundaries. A specific region, likely Iceland, is highlighted in red and labeled with the number '0'. The map includes a coordinate grid with latitude and longitude values. At the bottom of the interface, the status bar shows 'No features', the current coordinate as '-93.2,-103.5', a scale of '1:201516231', and the rendering engine set to 'Render EPSG:4326'.



OpenLayers



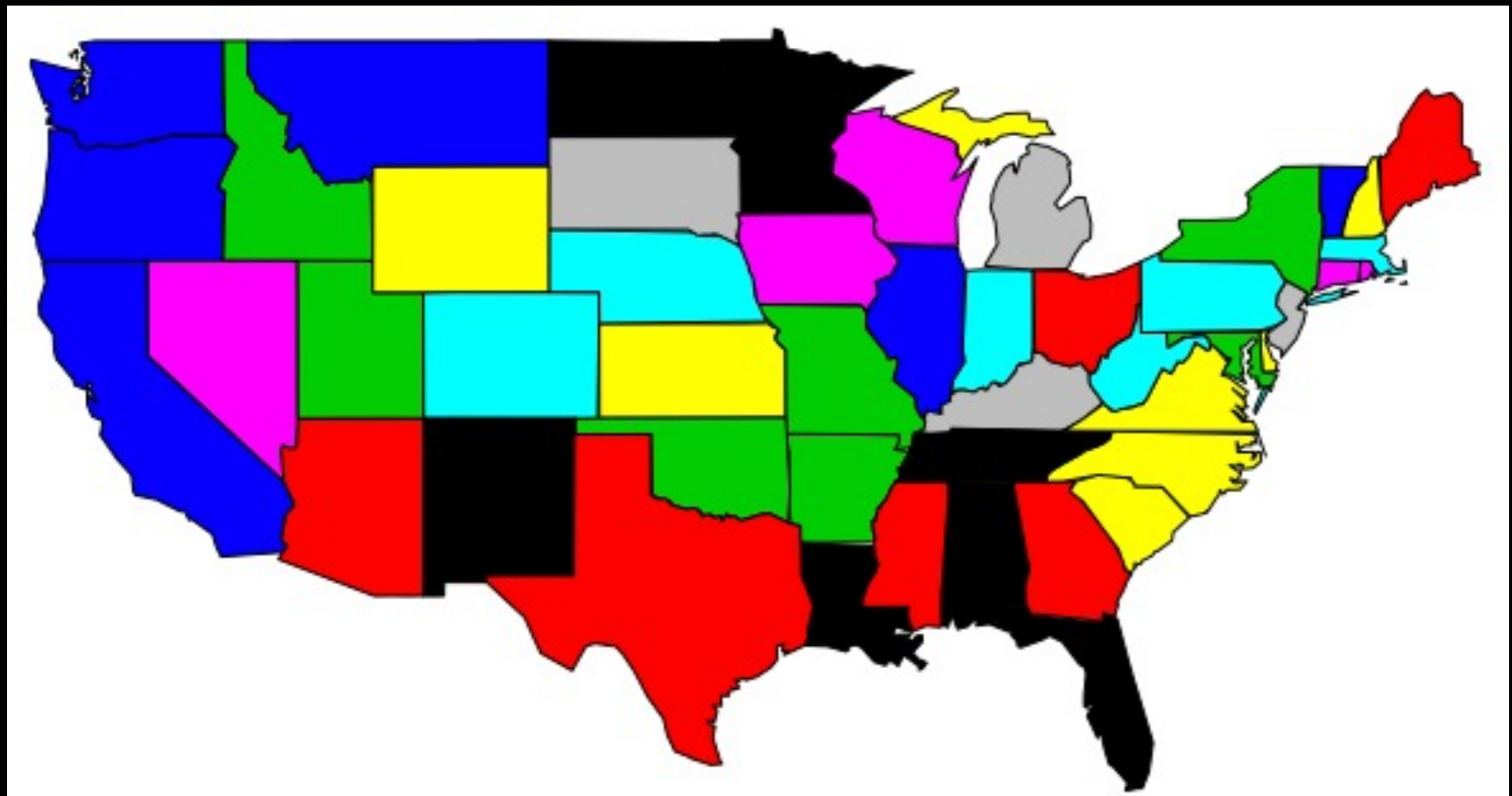
OpenLayers







```
require(maps)  
map('state', fill = TRUE,  
    col = palette())
```



Questions?



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Links

- <http://selection.datavisualization.ch/>
- <http://mapserver.org/>
- <http://gis.stackexchange.com/>