Help to use wps_mean_polygon.ipynb

This Jupyter Notebook page requires the manual input of a polygon coordinates. This help document is not required if you are adept at specifying the X, Y coordinates of all corners of a polygon. If not, read on to understand the process to create it using TerriaMap.

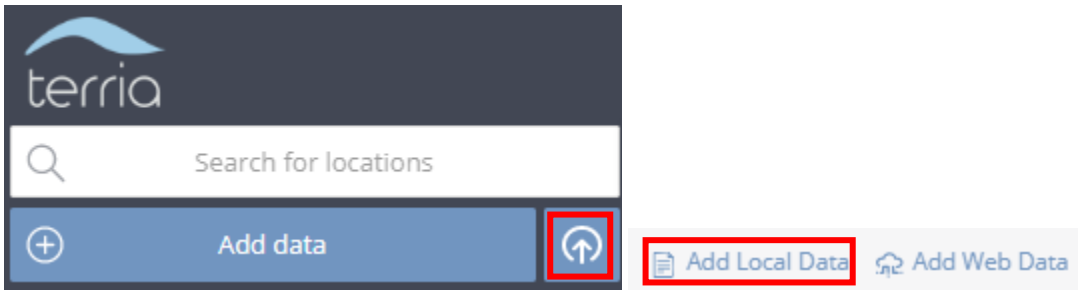
Requirements

- A web browser (Chrome preferred)
- TerriaMap URL: http://130.56.242.6/terria/ or https://nationalmap.gov.au/[1]
- A config file – **wps.json** – with the contents below. Save it in a local folder.

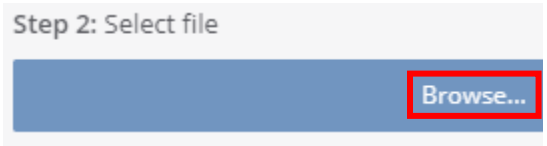
```
{
 "catalog": [
  {
    "name":"WPS GetCaps (Production)",
    "url":"http://gsky.nci.org.au/ows/geoglam",
    "type":"wps-getCapabilities",
  }
 ]
}
```

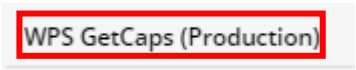
Operation

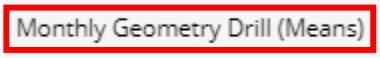
- Start TerriaMap and click on the 'Load local/web data | Add Local Data' button.

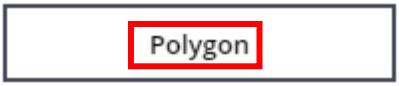


- Click Browse to Locate and open the 'wps.json' file.

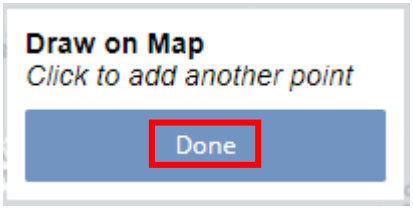


- Click on left frame 

- Select 

- Click 

[1] If using this URL, must make sure that you are not behind any firewall.

- Mark a polygon as: 
- Click Done 

- Select and copy the polygon coordinates into clipboard.

```
[[135.912, -27.456], [139.076, -28.272], [137.889, -30.985], [134.990, -29.580], [135.912, -27.456]]
```

- Insert into the Jupyter Notebook
-
```
# 5-point closed polygon
polygon = [[135.912, -27.456], [139.076, -28.272], [137.889, -30.985], [134.990, -29.580], [135.912, -27.456]]
```

- Execute the Notebook via 'Cell | Run All'

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