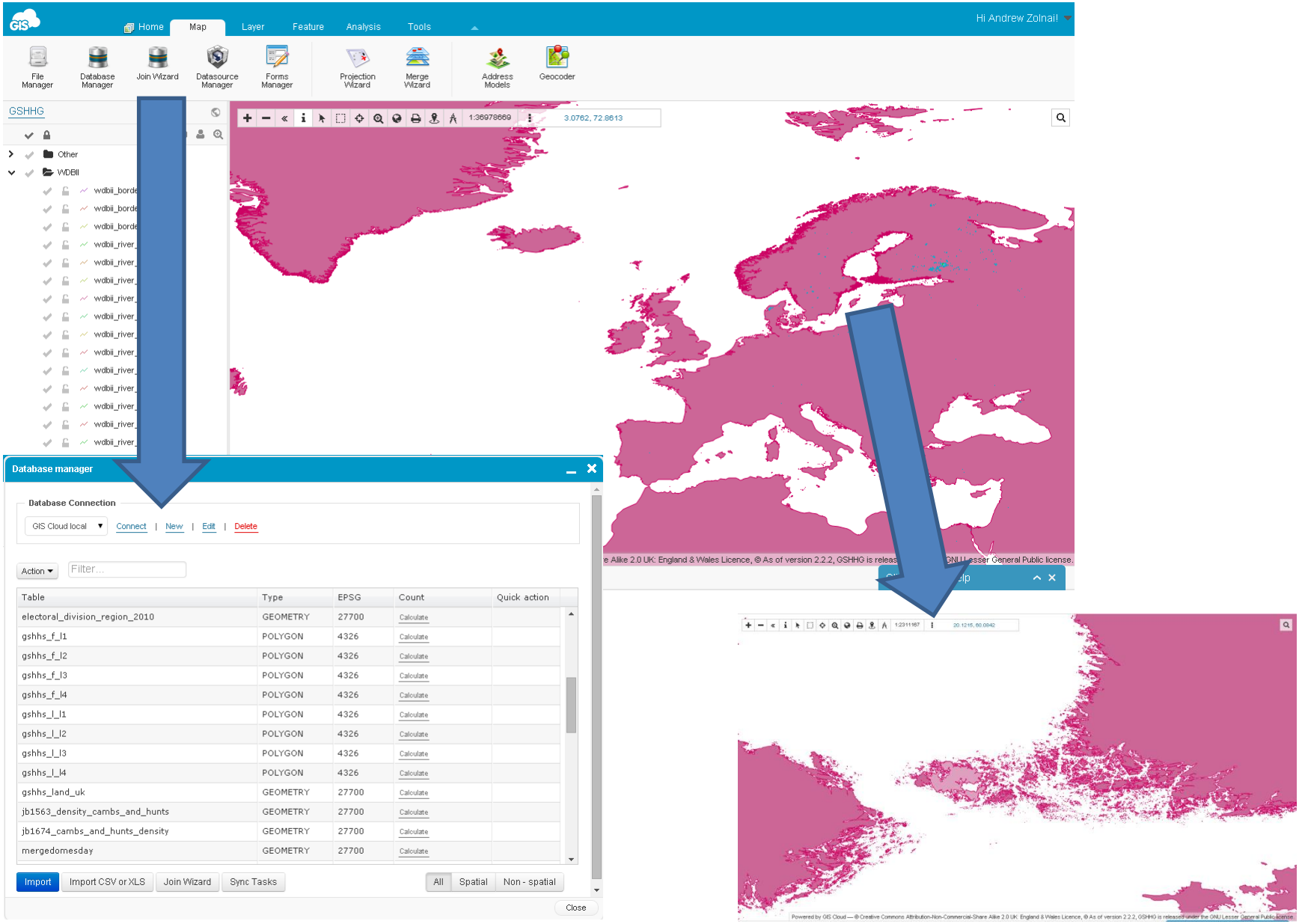
Global point & vector maps on steroids

@azolnai

www.zolnai.ca

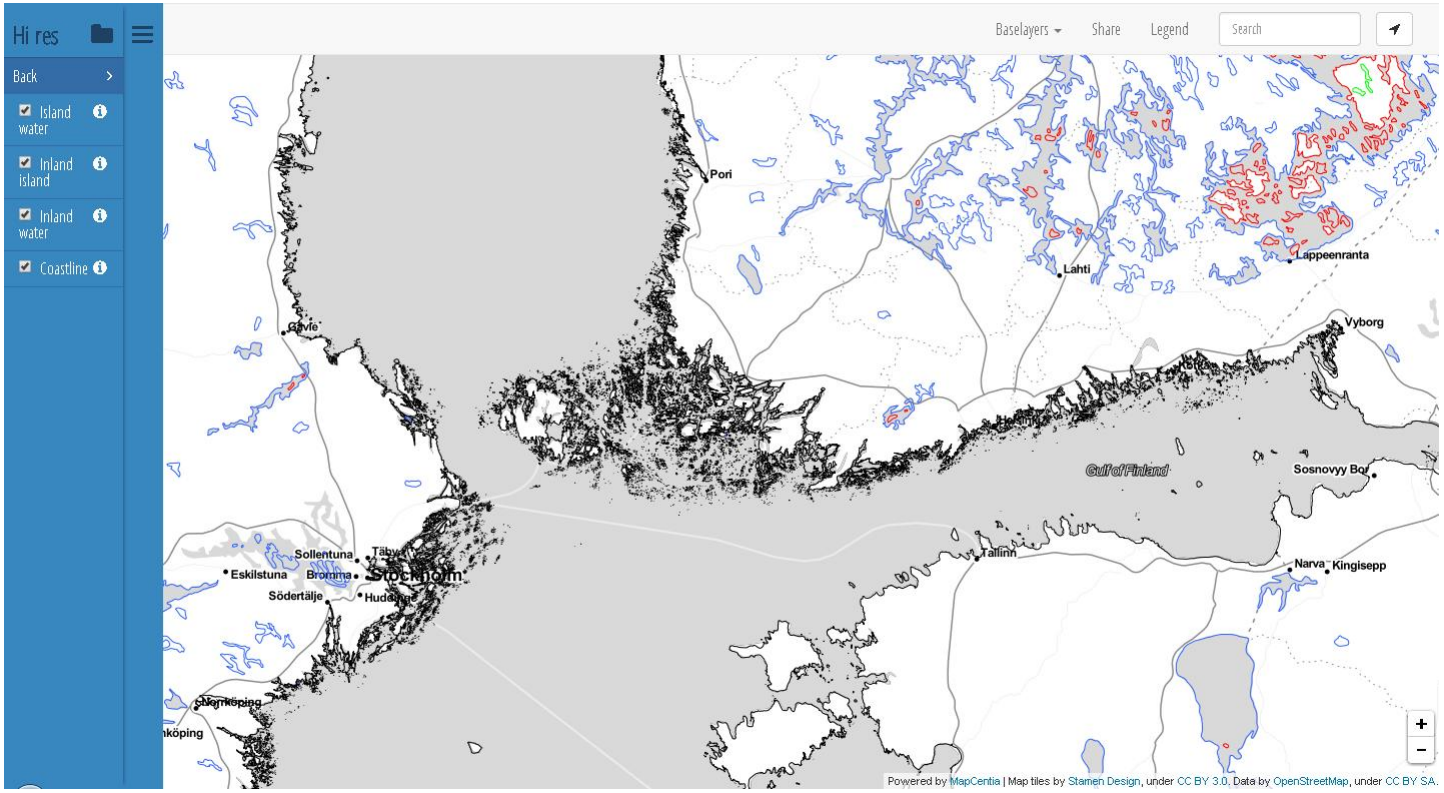
Giscloud.com

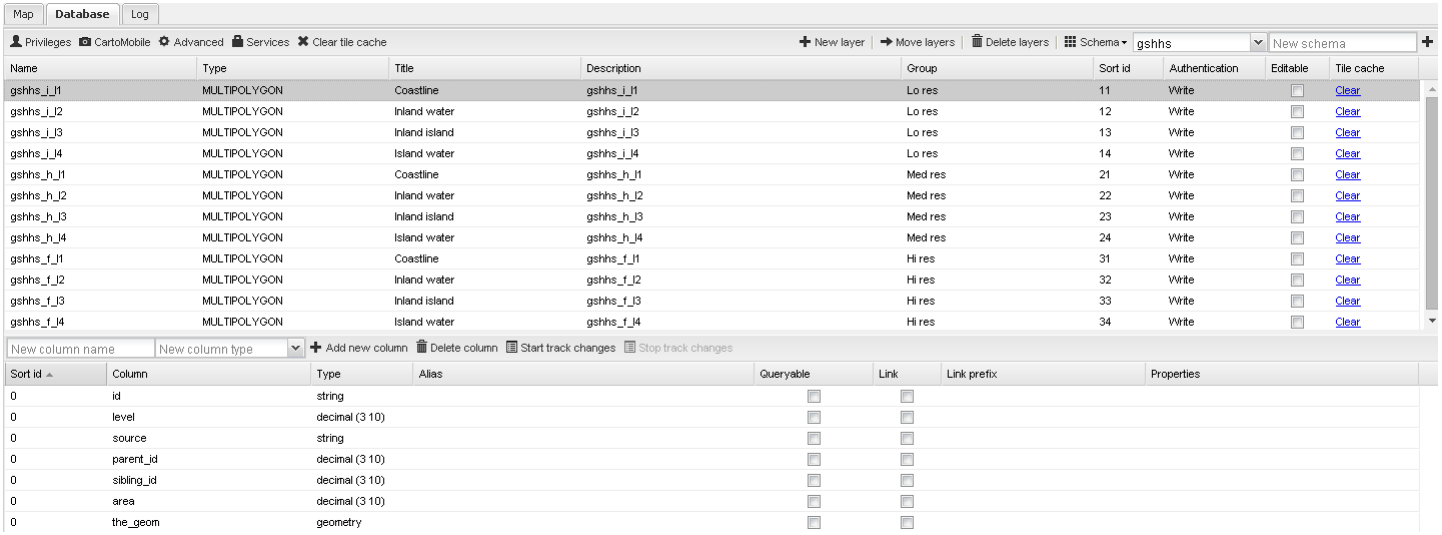
- postGIS back end
- web2cloud posting
- NOAA GSHHG data
- Zoom into Aaland Islands area
- http://aizolnai.giscloud.com/map/110377/gshhg
- GSHHG - A Global Self-consistent, Hierarchical, High-resolution Geography Database
- http://www.ngdc.noaa.gov/mgg/shorelines/gshhs.html


GIS
Home
Map
Layer
Feature
Analysis
Tools
Hi Andrew Zolnai!
File Manager
Database Manager
Join Wizard
Datasource Manager
Forms Manager
Projection Wizard
Merge Wizard
Address Models
Geocoder
GSHHG
Other
WDBII
wdbii_borde
wdbii_river_
1:36978669
3.0762, 72.8613
Database manager
Database Connection
GIS Cloud local
Connect
New
Edit
Delete
Action
Filter...
Table
Type
EPSG
Count
Quick action
electoral_division_region_2010 GEOMETRY 27700
gshhs_f_l1 POLYGON 4326
gshhs_f_l2 POLYGON 4326
gshhs_f_l3 POLYGON 4326
gshhs_f_l4 POLYGON 4326
gshhs_l_l1 POLYGON 4326
gshhs_l_l2 POLYGON 4326
gshhs_l_l3 POLYGON 4326
gshhs_l_l4 POLYGON 4326
gshhs_land_uk GEOMETRY 27700
jb1563_density_cambs_and_hunts GEOMETRY 27700
jb1674_cambs_and_hunts_density GEOMETRY 27700
mergedomesday GEOMETRY 27700
Calculate
Import
Import CSV or XLS
Join Wizard
Sync Tasks
All
Spatial
Non - spatial
Close
e Alike 2.0 UK: England & Wales Licence, © As of version 2.2.2, GSHHG is releas
GNU Lesser General Public license.

AWS / GeoCloud2 Stack

- GSHHS same as above
- www.mapcentia.com
- @mhoegh
  - PostGreSQL, PostGIS, MapServer, TileCache, GDAL, WFS-F, WMS, Elasticsearch, Leaflet and OpenLayers
- Uploaded however
- Superfast rendering
- http://bit.ly/1uEXdwx



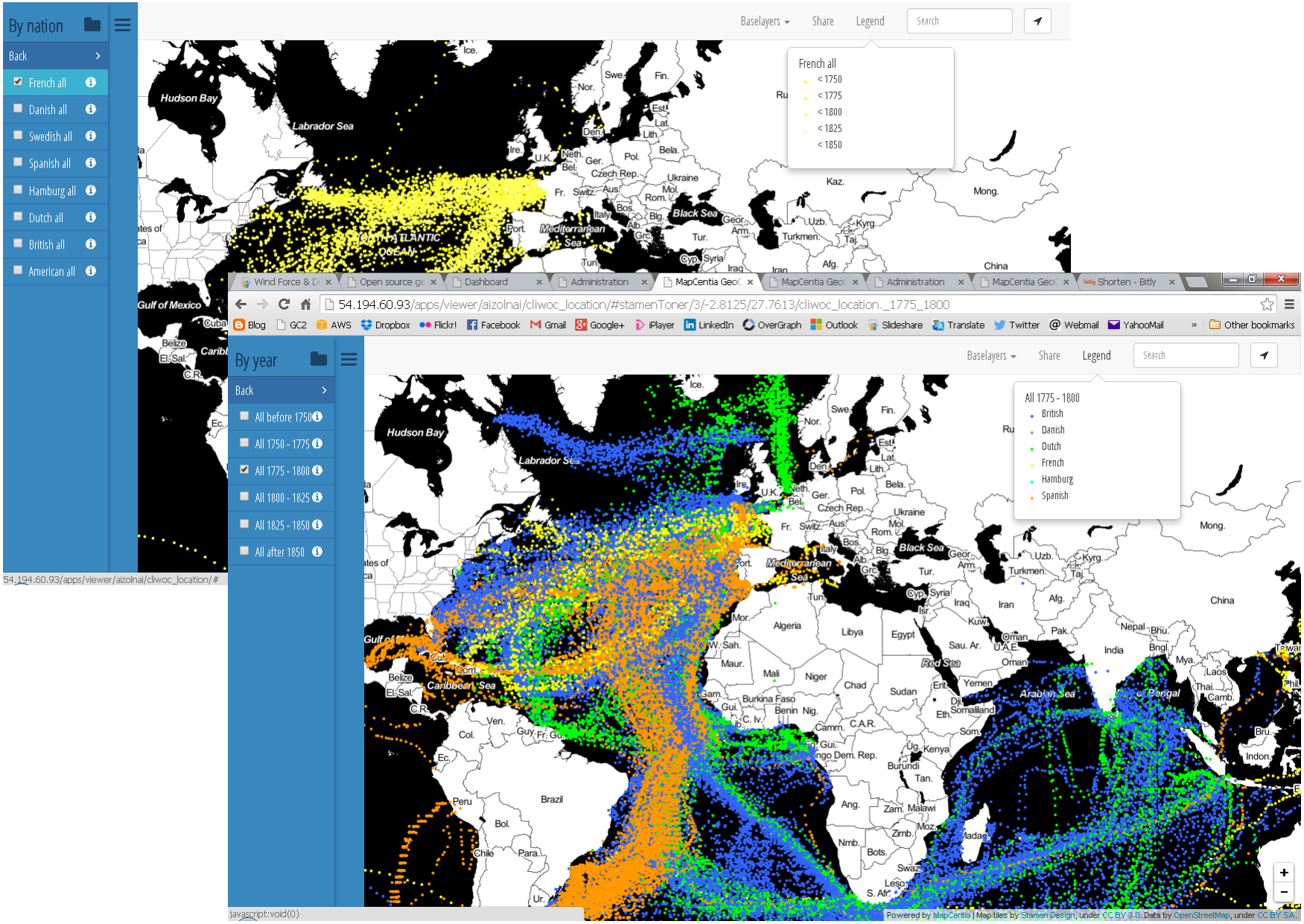


Name	Type	Title	Description	Group	Sort id	Authentication	Editable	Tile cache
gshhs_i_l1	MULTIPOLYGON	Coastline	gshhs_i_l1	Lo res	11	Write		Clear
gshhs_i_l2	MULTIPOLYGON	Inland water	gshhs_i_l2	Lo res	12	Write		Clear
gshhs_i_l3	MULTIPOLYGON	Inland island	gshhs_i_l3	Lo res	13	Write		Clear
gshhs_i_l4	MULTIPOLYGON	Island water	gshhs_i_l4	Lo res	14	Write		Clear
gshhs_h_l1	MULTIPOLYGON	Coastline	gshhs_h_l1	Med res	21	Write		Clear
gshhs_h_l2	MULTIPOLYGON	Inland water	gshhs_h_l2	Med res	22	Write		Clear
gshhs_h_l3	MULTIPOLYGON	Inland island	gshhs_h_l3	Med res	23	Write		Clear
gshhs_h_l4	MULTIPOLYGON	Island water	gshhs_h_l4	Med res	24	Write		Clear
gshhs_f_l1	MULTIPOLYGON	Coastline	gshhs_f_l1	Hi res	31	Write		Clear
gshhs_f_l2	MULTIPOLYGON	Inland water	gshhs_f_l2	Hi res	32	Write		Clear
gshhs_f_l3	MULTIPOLYGON	Inland island	gshhs_f_l3	Hi res	33	Write		Clear
gshhs_f_l4	MULTIPOLYGON	Island water	gshhs_f_l4	Hi res	34	Write		Clear

Sort id	Column	Type	Alias	Queryable	Link	Link prefix	Properties
0	id	string					
0	level	decimal (3 10)					
0	source	string					
0	parent_id	decimal (3 10)					
0	sibling_id	decimal (3 10)					
0	area	decimal (3 10)					
0	the_geom	geometry					

CLIWOC

- Global sailings from captains ships logs
- EU project on maritime records 1750 - 1855
- 1/4M readings, 140 attributes ea.
- http://54.194.60.93
- geohipster.com calendar – ship tracks only
- Wind direction + force data
  - Doubled # points thru ES, FR, NL & UK lookups
  - almost 1/2 M points... faster online than desktop!


By nation
Back
French all
Danish all
Swedish all
Spanish all
Hamburg all
Dutch all
British all
American all
Baselayers
Share
Legend
Search
French all
< 1750
< 1775
< 1800
< 1825
< 1850
Hudson Bay
Labrador Sea
Black Sea
Mediterranean Sea
Gulf of Mexico
54.194.60.93/apps/viewer/aizolnai/cliwoc_location/#
Wind Force & Di
Open source ge
Dashboard
Administration
MapCentia GeoC
Shorten - Bitly
54.194.60.93/apps/viewer/aizolnai/cliwoc_location/#stamenToner/3/-2.8125/27.7613/cliwoc_location._1775_1800
Blog
GC2
AWS
Dropbox
Flickr!
Facebook
Gmail
Google+
iPlayer
LinkedIn
OverGraph
Outlook
Slideshare
Translate
Twitter
Webmail
YahooMail
Other bookmarks
By year
Back
All before 1750
All 1750 - 1775
All 1775 - 1800
All 1800 - 1825
All 1825 - 1850
All after 1850
All 1775 - 1800
British
Danish
Dutch
French
Hamburg
Spanish
Caribbean Sea
Red Sea
Arabian Sea
Bengal
javascript:void(0)
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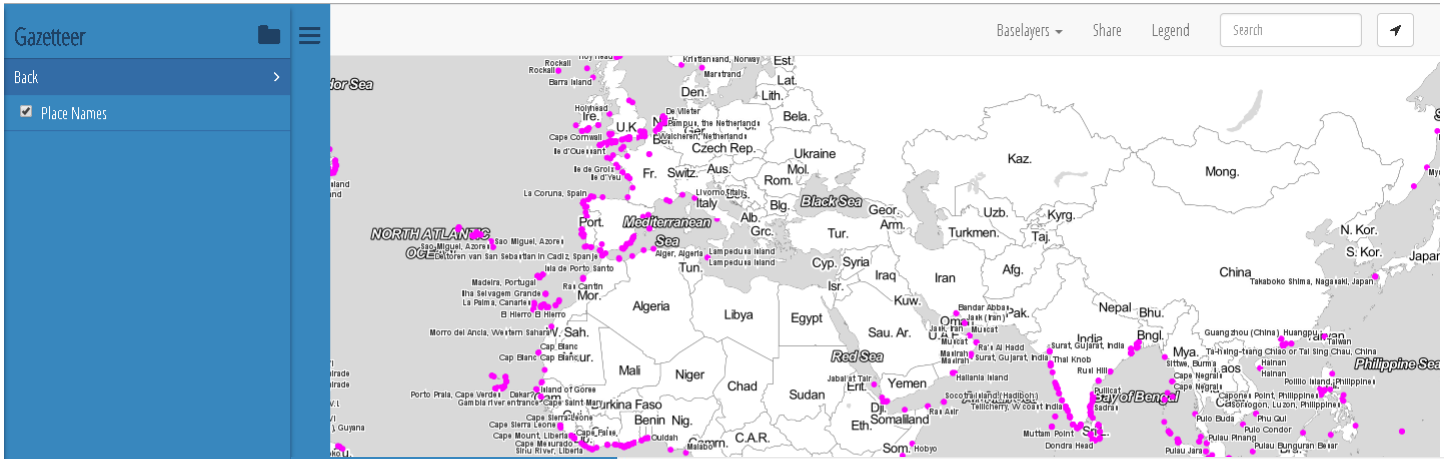
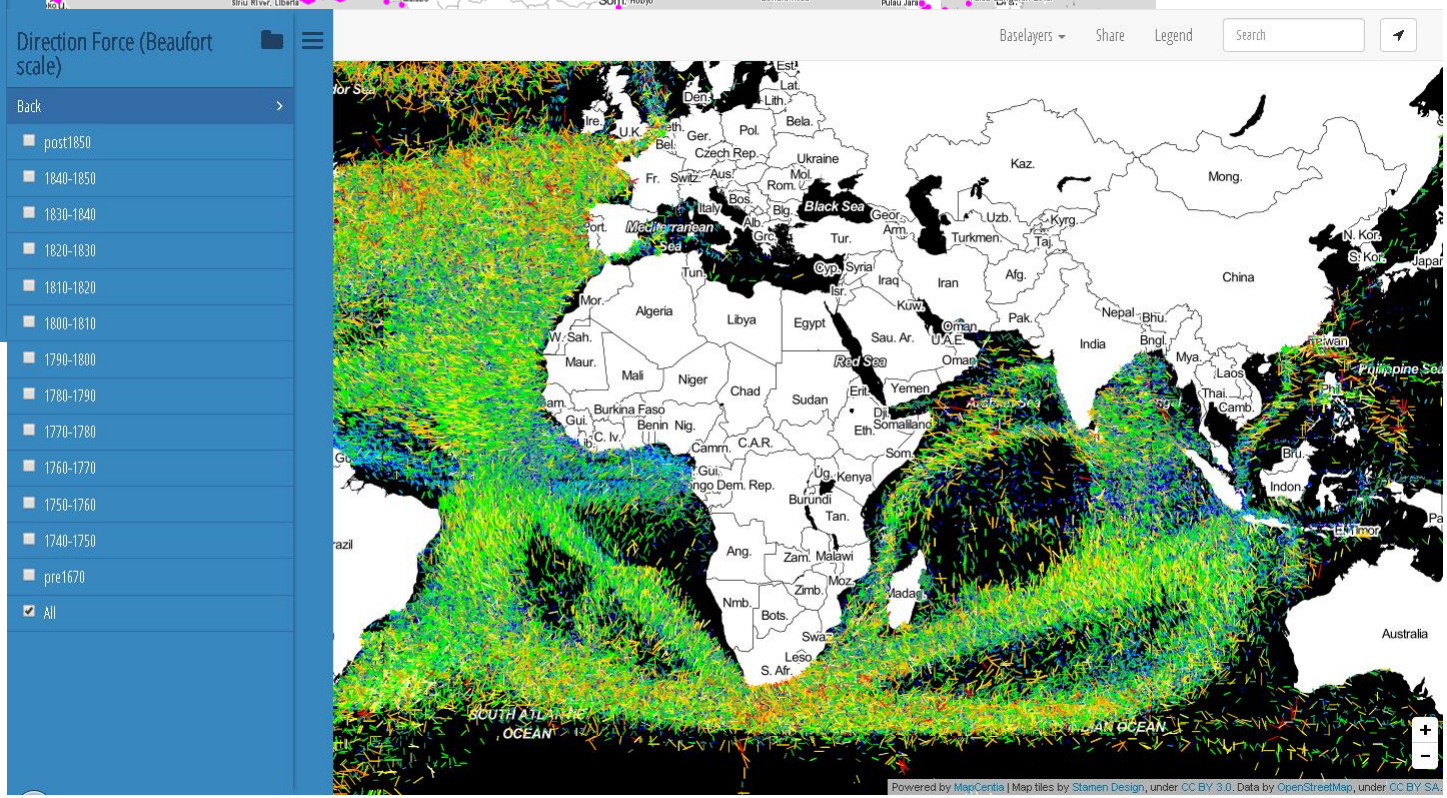

Gazetteer
Back
Place Names
Baselayers
Share
Legend
Search
Black Sea
Mediterranean Sea
NORTH ATLANTIC OCEAN
Red Sea
Philippine Sea
Bay of Bengal


Direction Force (Beaufort scale)
Back
post1850
1840-1850
1830-1840
1820-1830
1810-1820
1800-1810
1790-1800
1780-1790
1770-1780
1760-1770
1750-1760
1740-1750
pre1670
All
Baselayers
Share
Legend
Search
Black Sea
Mediterranean Sea
Red Sea
Philippine Sea
SOUTH ATLANTIC OCEAN
Australia
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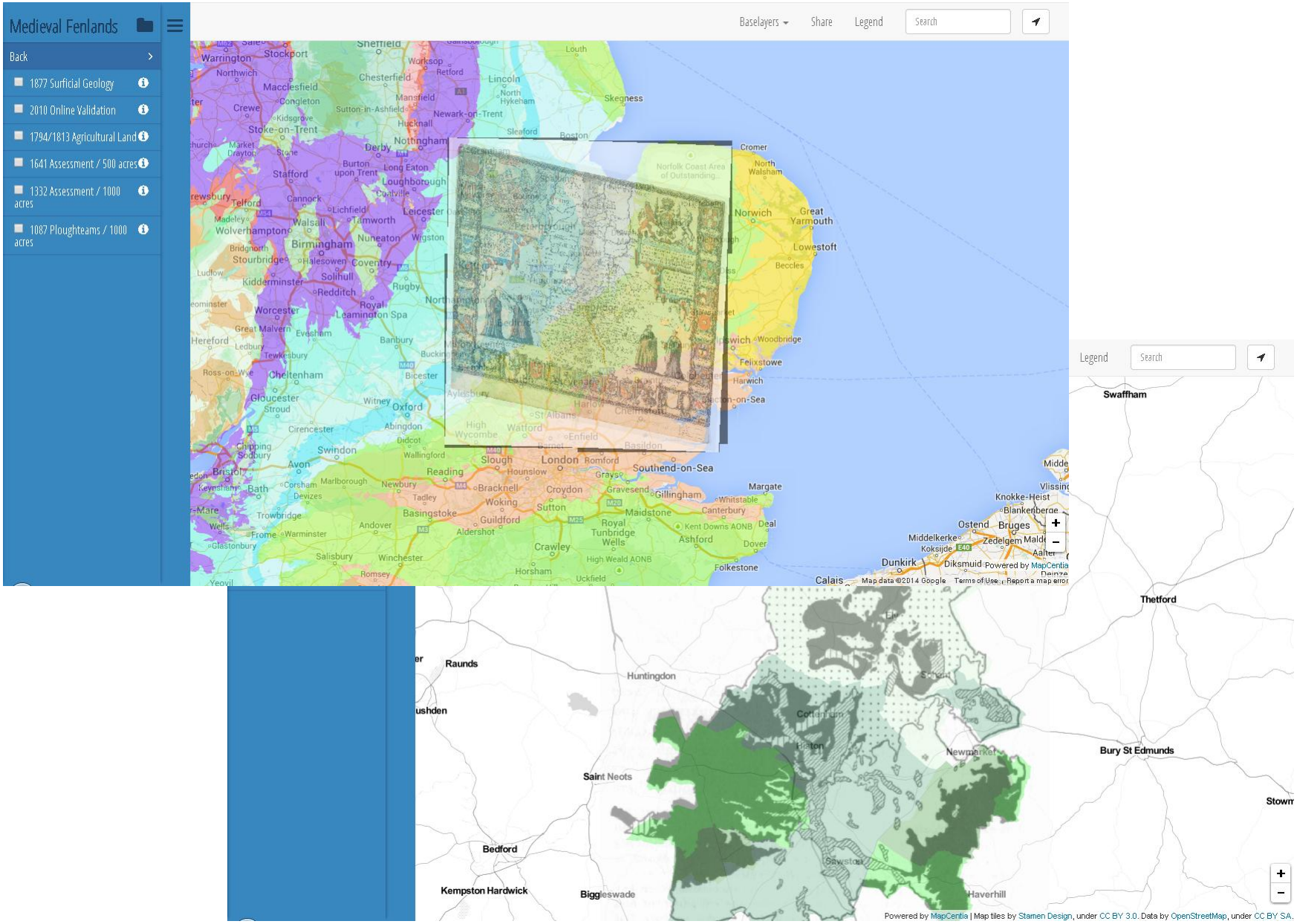
Not just eye candy

- HC Darby East Anglia geo-history
  - O|S Parishes constant framework
  - added attributes from 1087 - 1877
- Current BGS geological WMS backdrop
- Harvard 1610 historic map overlay

- This lead to data validation loop w O|S
- This and CLIWOC are climate history
- Viz. met-acre.org climate reconstruction


Medieval Fenlands
Back
1877 Surficial Geology
2010 Online Validation
1794/1813 Agricultural Land
1641 Assessment / 500 acres
1332 Assessment / 1000 acres
1087 Ploughteams / 1000 acres
Baselayers
Share
Legend
Search
Legend
Search
Swaffham
Thetford
Raunds
Huntingdon
Saint Neots
Bedford
Kempston Hardwick
Biggleswade
Bury St Edmunds
Newmarket
Haverhill
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