

United Nations
Educational, Scientific and
Cultural Organization



Intergovernmental
Oceanographic
Commission



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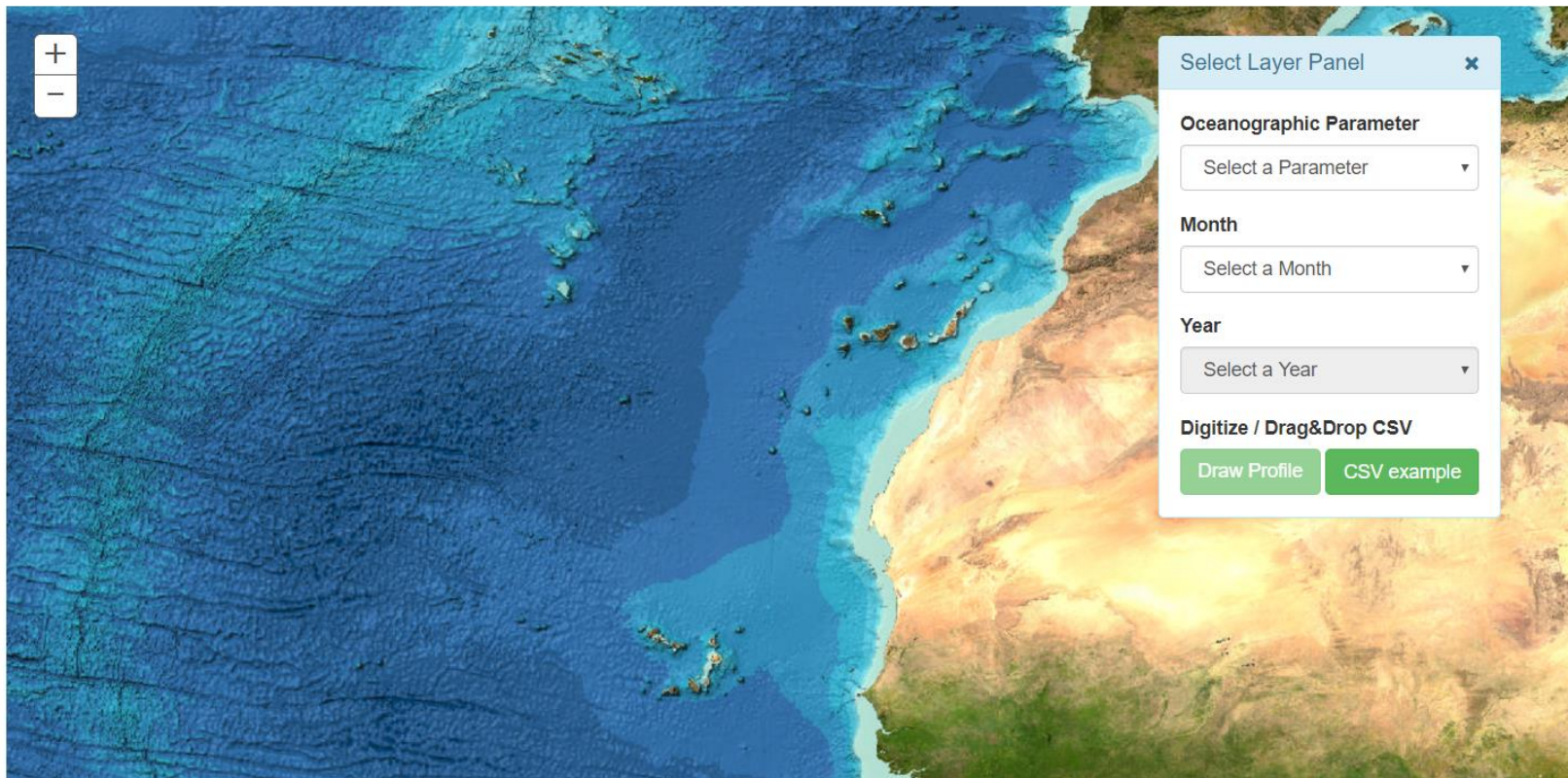
Oceanographic transects

**Hands-on Workshop on “The use
of the CCLME Eco-GIS Viewer”**

11-13 July 2017

Oceanographic transects

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Source Data



European Commission > EU Science Hub > EMIS >

Environmental Marine Information System

Navigating the European Seas and the Oceans

With ca. 185 000 km of coastline, Europe's enclosed and marginal seas have played a key economic and cultural geography of adjoining nations over many centuries, and can provide a vital role in achieving the EU 2020 objectives of a smart, sustainable and inclusive growth.

The Marine Geoportal EMIS relies on biological and physical variables generated from both hydrographic and satellite remote sensing.

A number of these variables and advanced products are available as raster datasets to the environmental managerial community through various tools (GIS Viewer, EMIS-R, Marine Analyst, Maps) which enable the user to conduct regional assessments.

```
getinfoUnesco.py - C:\Users\LuisMiguel\Documents\Visual Studio 2013\Projects\2Carto-UNES...
File Edit Format Run Options Windows Help

if n == 0:
    bbox = []
    bbox.append(coord)
    n += 1
elif n == 3:
    bbox.append(coord)
    bboxarray.append(bbox)
    n = 0
else:
    bbox.append(coord)
    n += 1

from owslib.wms import WebMapService

wms = WebMapService(wms_url, version=wmsversion)

values = []

for bbox in bboxarray:
    response = wms.getfeatureinfo(
        layers=[qlayers],
        srs=srs,
        bbox=(float(bbox[0]),float(bbox[1]),float(bbox[2]),float(bbox[3])),
        size=(10,10),
        format='image/jpeg',
        query_layers=[qlayers],
        info_format=infoformat,
        xy=(5,5))
    #print response
    out = open('/tmp/getfeatureinfo-response.txt', 'wb')
    out.write(response.read())
    out.close()

    with open('/tmp/getfeatureinfo-response.txt') as fresponse:
        for line in fresponse:
            if "value_0 = " in line:
                value = float(line.split("value_0 = ")[1][1:-2])
                values.append(value)
```



Marine geoDatabases

<http://mcc.jrc.ec.europa.eu/emis/index.py>



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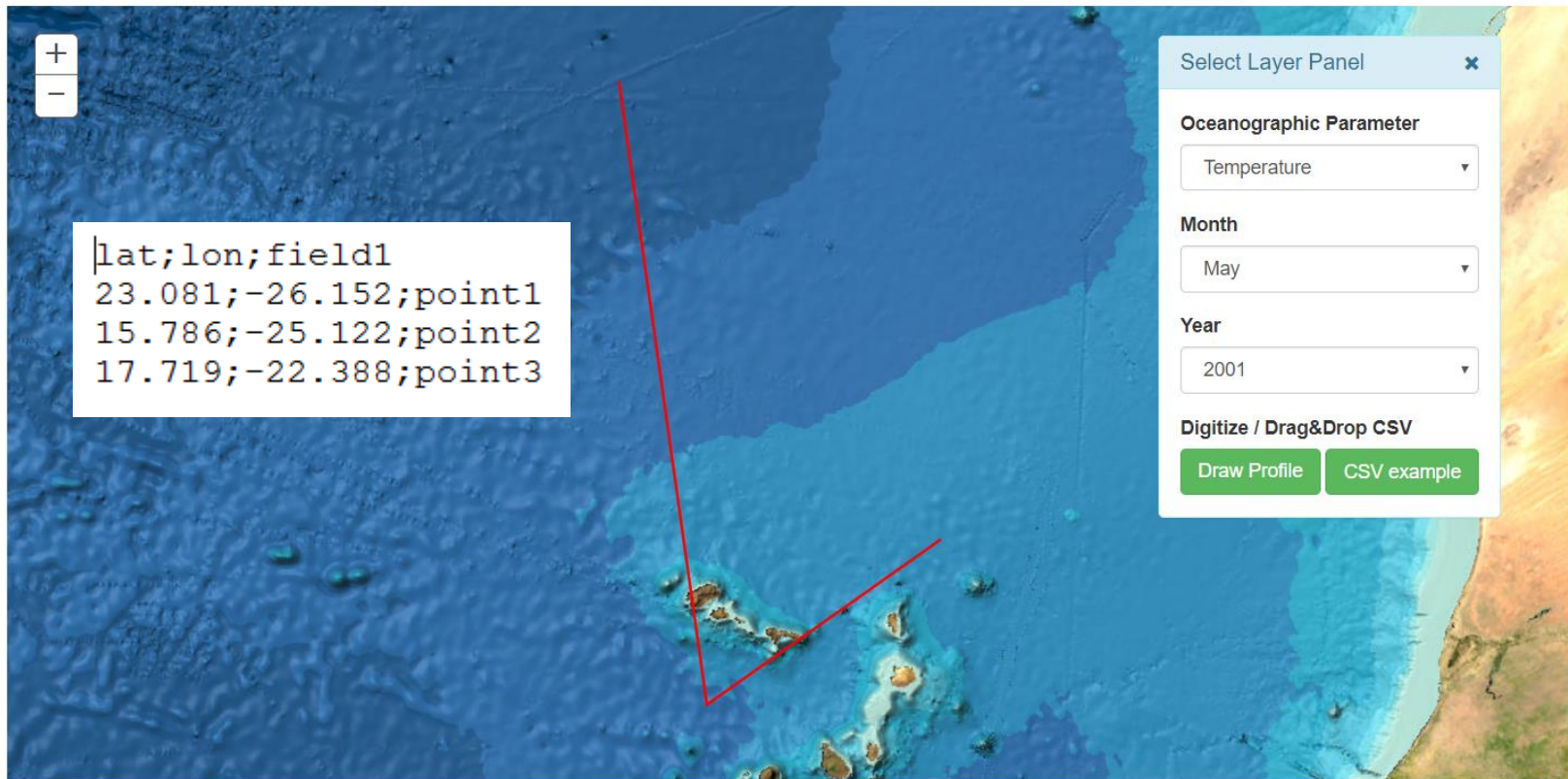


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