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Biological data

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

11-13 July 2017

Biological data

Biological data

The screenshot displays a web interface for biological data search. On the left, a map of the Atlantic Ocean is shown with a grid overlay. In the top-left corner of the map area, there are three icons: a plus sign for zooming in, a minus sign for zooming out, and a house icon for home. The coordinates 32.854° W, 29.513° N are displayed at the bottom left of the map. On the right side, a search panel titled "Select samples" is visible, outlined with a red border. The panel contains several sections: "Source" with a dropdown menu labeled "Select a source"; "OBIS" with "Kingdom" and "Species" dropdowns labeled "Select a kin" and "Select a sp"; an "Advanced Search" button; "IEO" with "Survey" and "Species" dropdowns labeled "Select a sui" and "Select a sp"; three green buttons labeled "Select", "By polygon", and "By buffer"; "FAO" with a "Species distributions" dropdown labeled "Select a species distribution"; and a green button labeled "CSV Example".



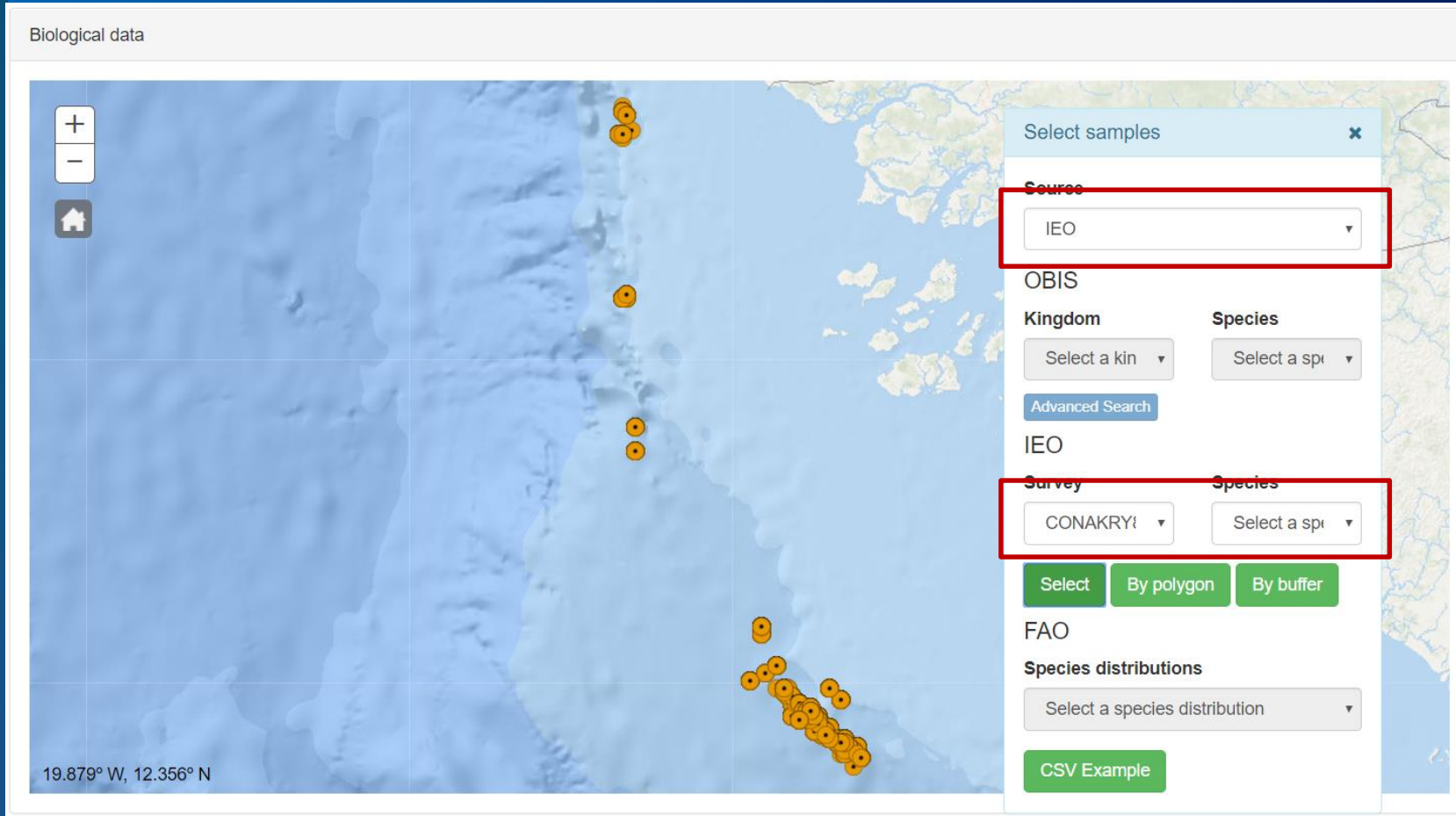
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Source Data



SIRENO



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Tools ▾ Selection Panel Clear Legend About Contact

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Advanced Search

Kingdom: Animalia ▼ Phylum: Cnidaria ▼ Class: Hydrozoa ▼

Order: Select a order ▼ Family: Select a family ▼ Genus: Select a genus ▼

Species: Select a species ▼ [Select](#)

[Close](#)

Select samples

Source: OBIS ▼

OBIS

Kingdom: Select a kin ▼ Species: Select a sp ▼

[Advanced Search](#)

IEO

Survey: Select a sui ▼ Species: Select a sp ▼

[Select](#) [By polygon](#) [By buffer](#)

FAO

Species distributions: Select a species distribution ▼

[CSV Example](#)

1,511° E, 27.739° N



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2 of 5



aphialID: 135505
catalogNumber: 778401_8_PHY_042003
class: Hydrozoa
collectionCode: discovery
datasetName: Southampton Oceanography Center Discovery Collections Midwater Database
decimalLatitude: 27.48249912261965
decimalLongitude: -14.21999979019165
eventDate: 1972-02-11 11:00:00
yearcollected: 1972
phylum: Cnidaria
order: Siphonophorae
family: Pyrostephidae
genus: Bargmannia
scientificName: Bargmannia amoena
scientificNameID: urn:lsid:marinespecies.org:taxname:135505
species: Bargmannia amoena
speciesID: 695896
originalScientificName: Bargmannia amoena
scientificNameAuthorship: Pugh, 1999
id: 993326
individualCount: 1
institutionCode: Southampton Oceanography Ceter
obisID: 695896
resourceID: 12
qc: 805830271

Advanced Info

id: 12

digirname: SOC

digirurl: <http://www.soc.soton.ac.uk/index.php>

conceptualschema: OBIS Schema Version 1.0

website: <http://www.soc.soton.ac.uk/index.php>



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<http://www.iobis.org/manual/api/>

Occurrence

URL	Description	Parameters	Example
/occurrence/{id}	Get single occurrence		
/occurrence	Find occurrences	scientificname, obisid, aphiaid, resourceid, areaidid, year, startdate, enddate, groupid, startdepth, enddepth, geometry, qc, fields, offset, limit	http://api.iobis.org/occurrence?year=2005&scientificname=Cetacea&limit=100 http://api.iobis.org/occurrence?&scientificname=Abra,Lanice,Pectinaria&year=2005,2006



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The screenshot displays a web interface for biological data search. On the left, a map of the Atlantic Ocean is shown with a red boundary line. The map includes zoom controls (+, -) and a home button. The coordinates 17.122° W, 37.14° N are displayed at the bottom left. On the right, a search panel titled 'Select samples' is visible. It contains several sections: 'Source' with a dropdown menu set to 'FAO'; 'OBIS' with 'Kingdom' and 'Species' dropdowns (both set to 'Select a kin' and 'Select a spi' respectively) and an 'Advanced Search' button; 'IEO' with 'Survey' and 'Species' dropdowns (both set to 'Select a sui' and 'Select a spi' respectively); and a 'FAO' section with a 'Species distributions' dropdown set to 'Dentex dentex'. There are also buttons for 'Select', 'By polygon', 'By buffer', and 'CSV Example'.



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Source Data

http://www.fao.org/fishery/collection/fish_dist_map/en



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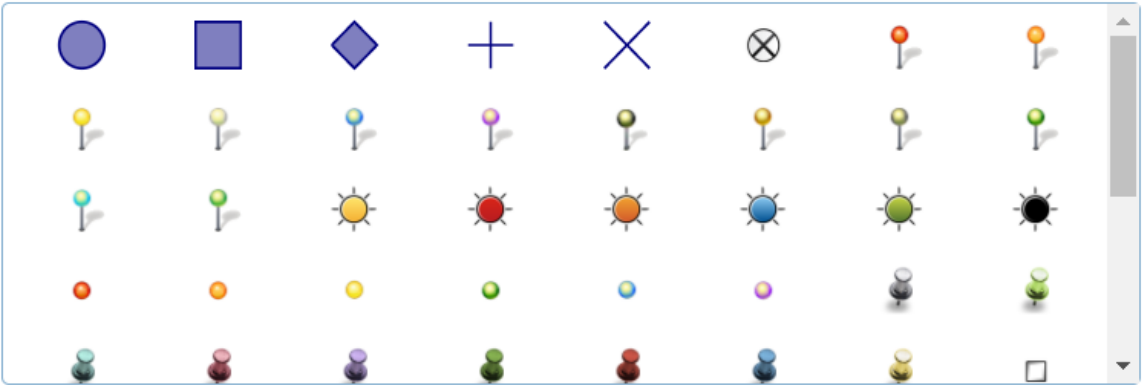
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Symbol Panel ✕

Layer

Category

Basic



☐ Use Graduated Symbols

☐ Use Proportional Symbols

Apply Symbol



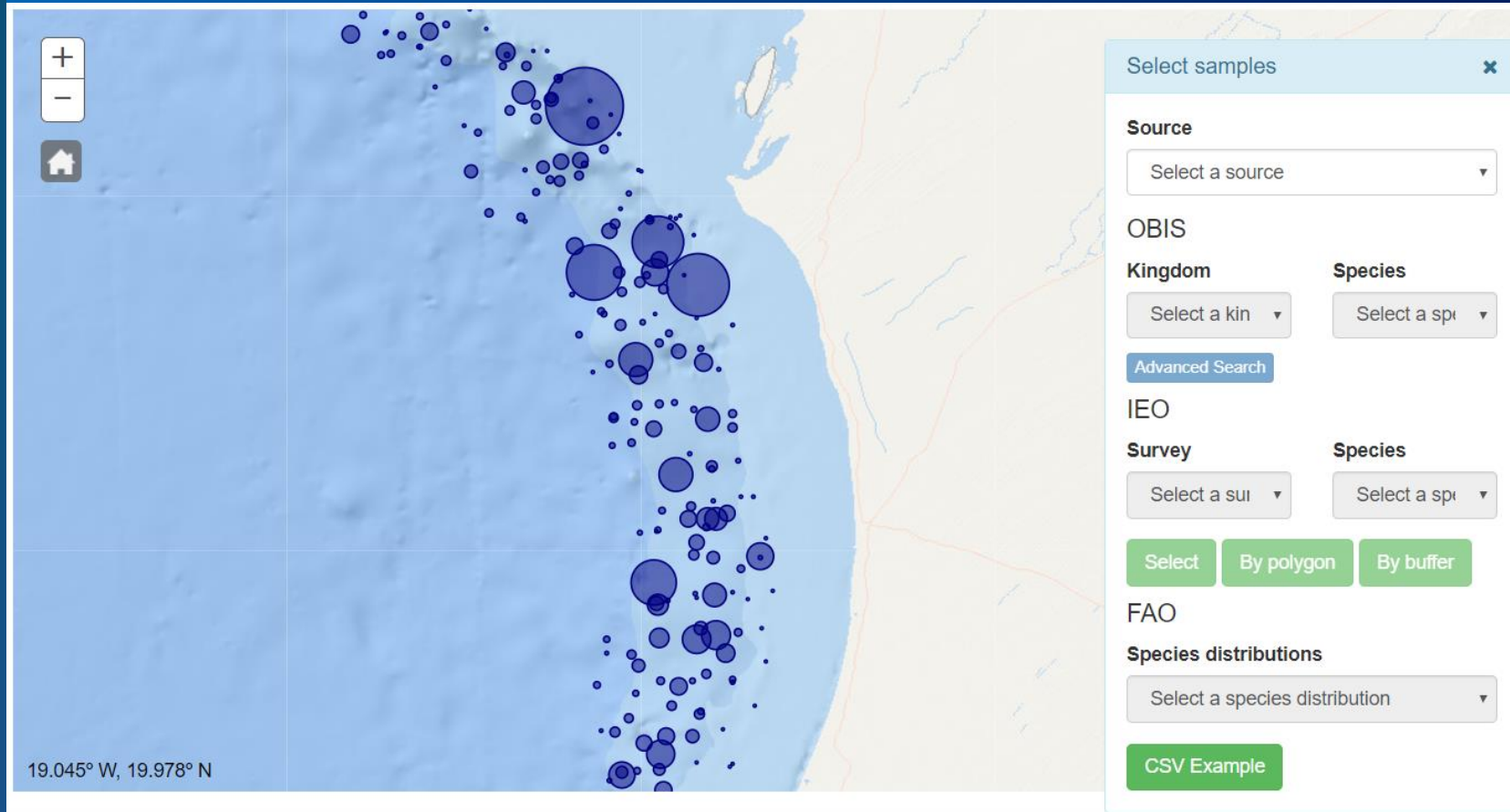
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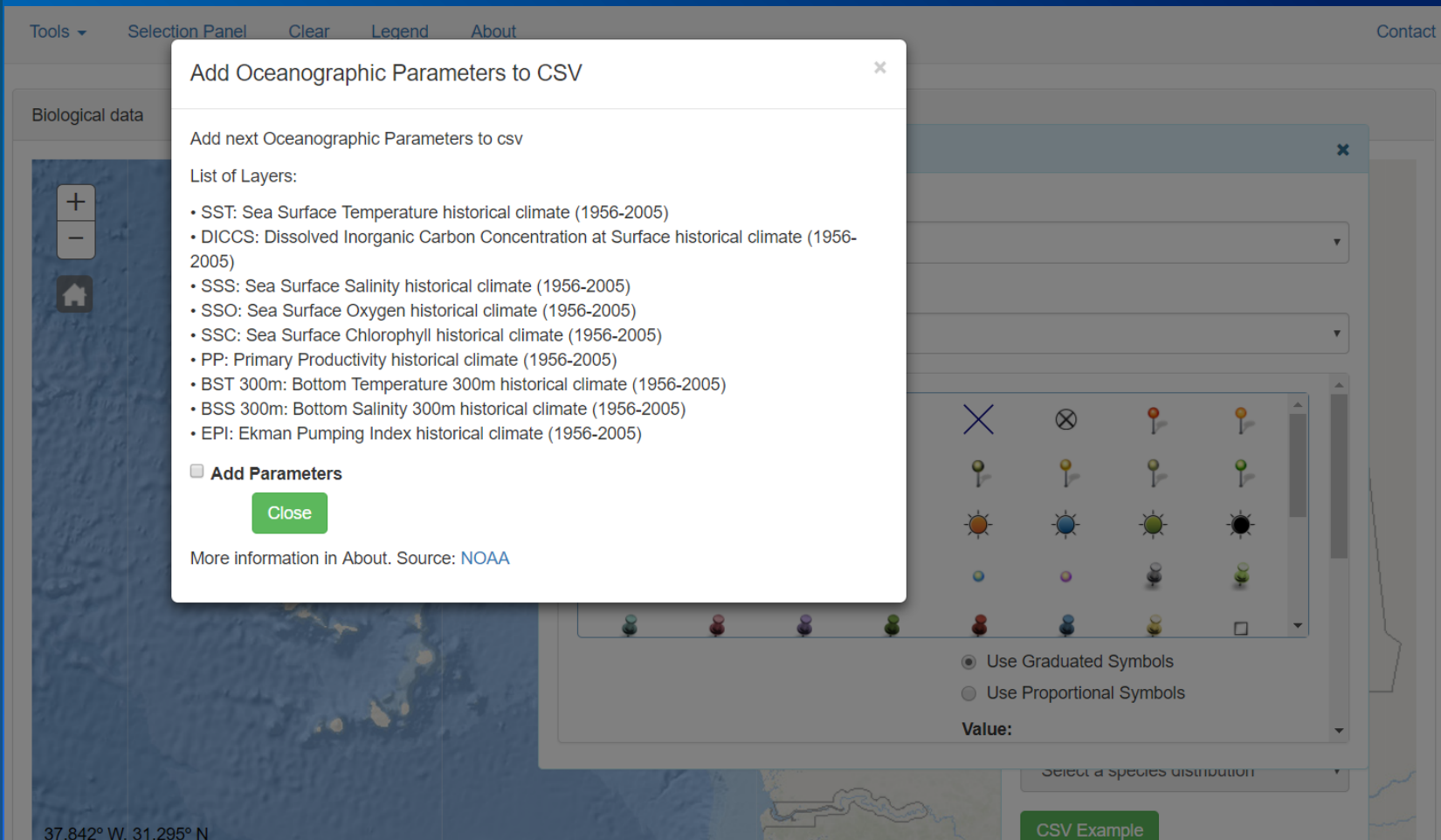


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Earth System Research Laboratory
Physical Sciences Division

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NOAA's Climate Change Web Portal

Having trouble with this page. [Check this version.](#)

Maps:

Time Series:

Select Data

Make Slideshow

Download Data

Quick Intro

More Details

Variable

Experiment: ?

--Select Experiment--

Field: ?

--Select Variables--

Model: ?

--Select up to 6 Models--

Average Of All Models

Statistic: ?

Anomaly

Future Climate: ?

☐ Yes ☒ No

Time Period

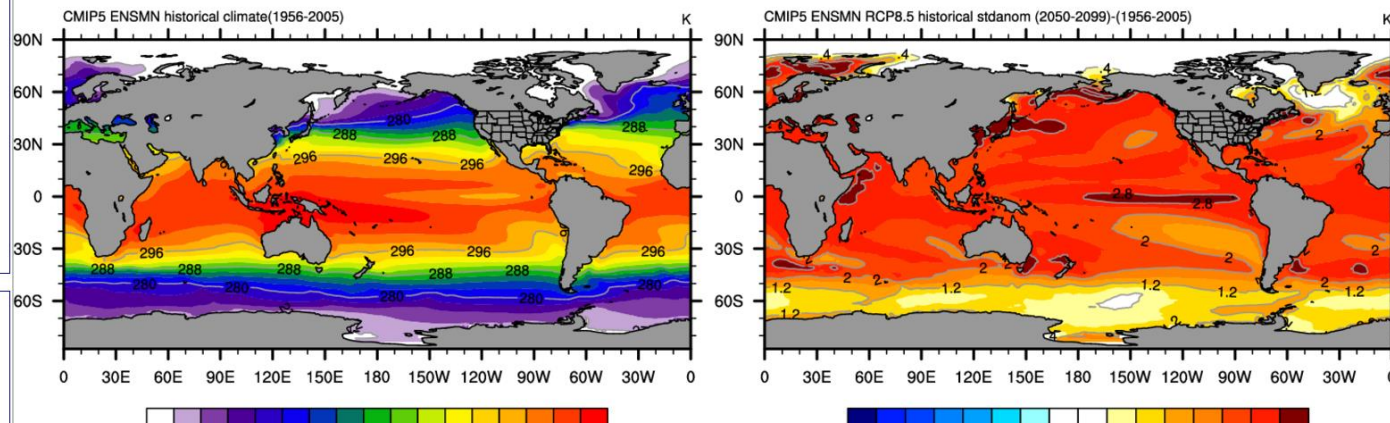
Season:

Entire Year

21st Century Period:

2006-2055

Sea Surface Temperature JFM



<https://www.esrl.noaa.gov/psd/ipcc/ocn/ccwp.html>



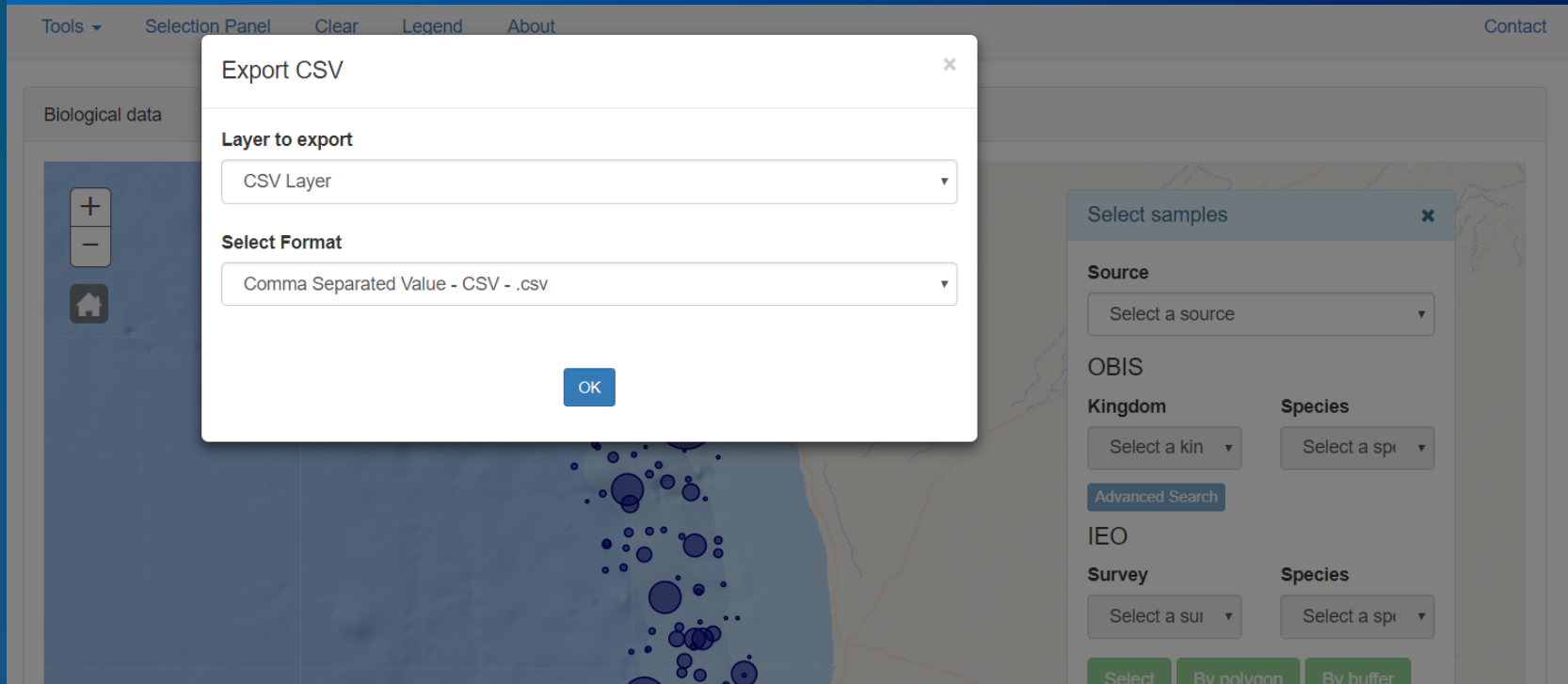
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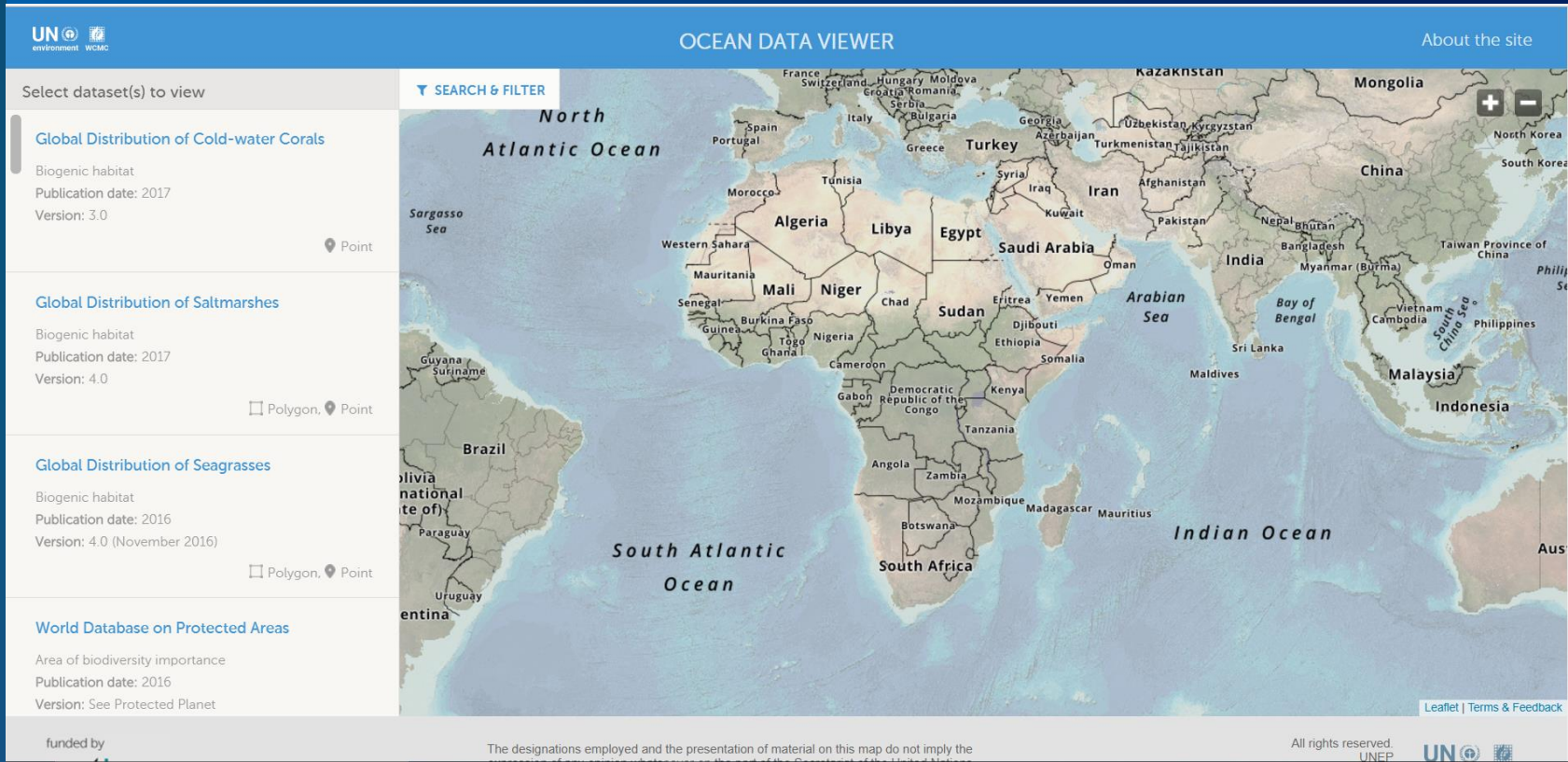
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<http://data.unep-wcmc.org/>

<http://ec2-54-204-216-109.compute-1.amazonaws.com:6080/arcgis/rest/services/>



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