

# THE PERMANENT COMMISSION FOR THE SOUTH PACIFIC - CPPS ACTION PLAN FOR REGIONAL SEAS PROGRAM



**JULIAN REYNA MORENO**  
**EXECUTIVE SECRETARY**

**REGIONAL SEAS INDICATORS WORKSHOP**  
**23 October 2015, Istanbul, Turkey**

# Data and information management: Southeast Pacific Information System on Marine Biodiversity and MPA SIBIMAP



**SIBIMAP-PSE**

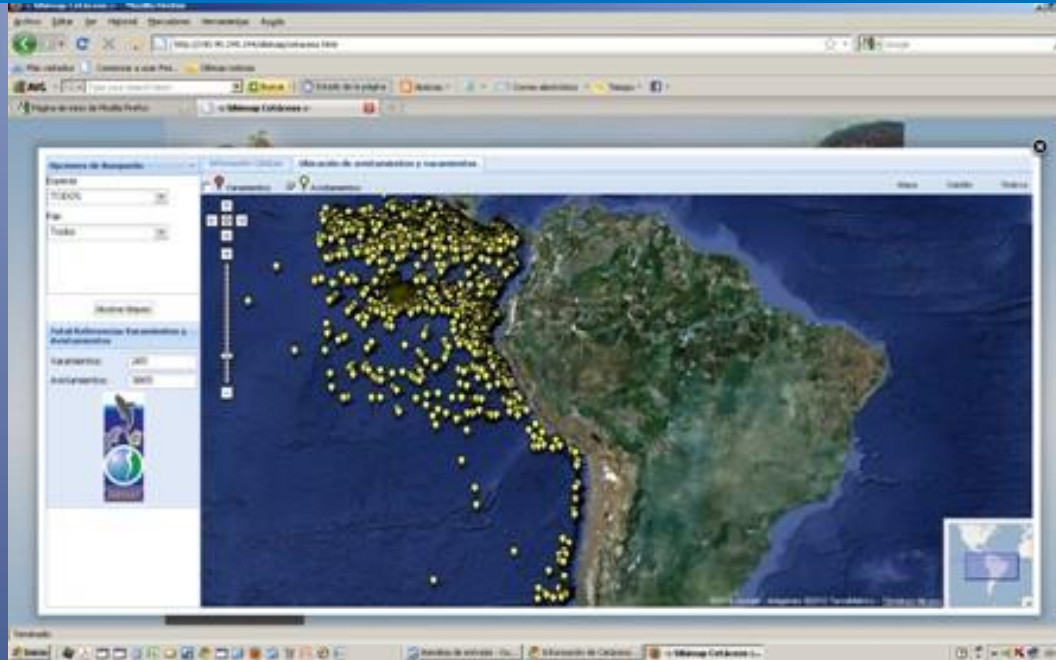
Bienvenidos al Sistema de Información sobre Biodiversidad Marina y Áreas Protegidas del Pacífico Sudeste

**Cetaceos >>** **Areas Protegidas >>** **Tortugas Marinas >>**

**INICIO** **CONTRIBUIR** **ACERCA DE** **CETACEOS** **ÁREAS PROTEGIDAS** **TORTUGAS MARINAS**  
**AYUDA**

**ICAN** **COMISIÓN PERMANENTE DEL PACÍFICO** **CPCS** **UNESCO** **United Nations** **Educational, Scientific and Cultural Organization** **IIOC** **Intergovernmental Oceanographic Commission** **ESPOL**

# Improvement of Data and information Southeast Pacific Information System on Marine Biodiversity and MPA SIBIMAP



- 1,890 visits.
- 16,918 geo-referenced data points
- 727 referenced bibliography
- 33 MPAs shapes.
- 150 technical documents.
- Development of a new module for shark geo information

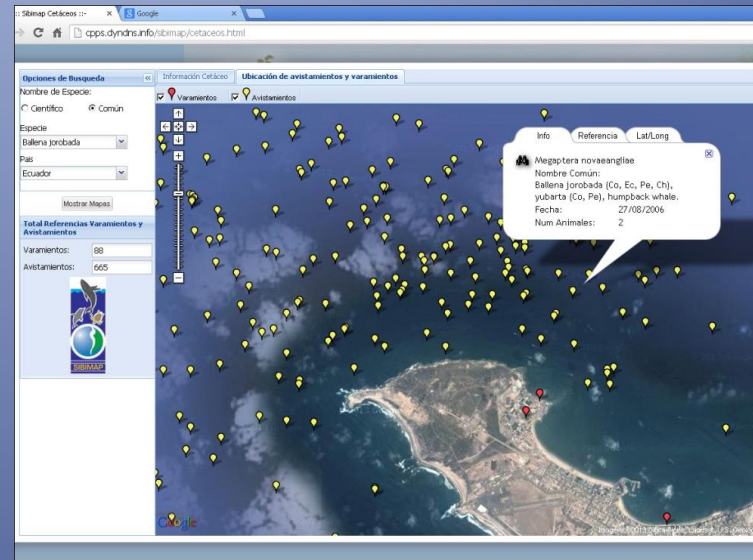
# Data and information management

## Southeast Pacific Information System on Marine Biodiversity and MPA SIBIMAP

### SIBIMAP contains

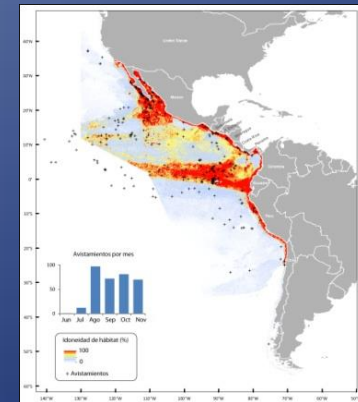
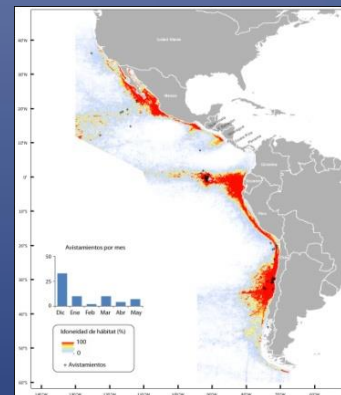
#### Cetaceans

- Sightings : 16,364
- Strandings : 382
- Species: 34
- Metadata (author, date, geog pos., etc.)
- References: 555
- Documents: 118



#### Marine turtles

- Nesting sites: 77
- Feeding sites: 96
- Species : 4
- References : 172





# REGIONAL GEOPORTAL

The screenshot displays the 'GeoPortal Regional' web application. The main map shows Peru with numerous colored markers (red, yellow, black, green) indicating specific locations. Two information popups are visible:

**Information 1:**

Info	Referencia	Lat/Long
Tursiops truncatus		
Nombre Común: Tonina (Pa, Co, Ec), burston (Pe, Ch), Bufeo (Ec, Pe), bottlenose dolphin.		
Fecha: 22/10/2003		
Num animales: 8		

**Information 2:**

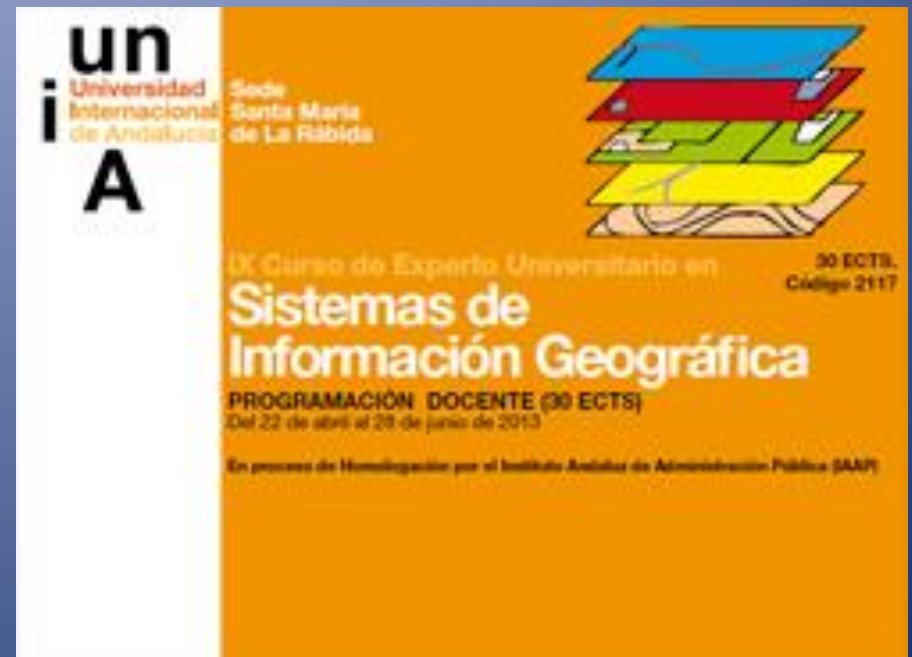
Info	Referencia	Lat/Long
Orcinus orca		
Nombre Común: Orca (Co, Ec, Pe, Ch), killer whale		
Fecha: 13/11/1998		
Num animales: 9		

The interface includes a 'Legendas' panel on the left with categories like 'A.P. Peru' and 'Reserva Natural Estricta'. A 'Sobrevuelo de Mapa' panel shows a zoomed-in view of the map. A 'Sibimap Cetáceos' panel allows filtering by country (Peru), family (CETACEOS), and species (Orcinus orca). A 'Layers' panel on the right lists various data layers such as 'Base Layer', 'MapNIK', 'OpenLayers WMS', and 'Google Terreno'. The browser address bar shows the URL: <http://190.95.249.246/geoportal/geovisor/index.html>. The system tray at the bottom indicates the date and time: 17:11 15/03/2013.

<http://190.95.249.246/geoportal/geovisor/index.html>

# SPINCAM Capacity Building Activities

Experts from the region trained in 3 months GIS course in the “Universidad Internacional de Andalucía (UNIA), Huelva, SPAIN June-September 2013 and 2014



# INTERINSTITUTIONAL COOPERATION AND PARTNERSHIPS

- IMO
- IOC/ UNESCO
- INTERNATIONAL CONSERVATION
- UNEP
- NOAA
- FAO
- CBD
- CBI
- INTRAMERICAN CONVENTION ON SEA  
TURTLES (CIT)
- UNIVERSITIES





Thank you