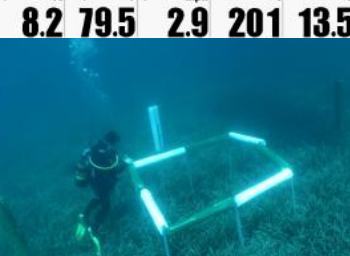
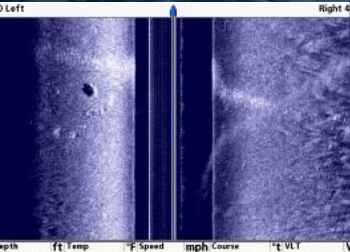


## Main completed projects/studies (2010-2017)

### Environmental studies – habitats and species

- Study of the presence of bottlenose dolphins (*Tursiops truncatus*), and its seasonality, in the Protected Area of Medes Islands; *Completed for the Museum of the Mediterranean.* (2010)
- Study of the marine biocenosis in three areas of the Tarragona coast, completing the bionomic cartography; *Completed for DEPANA.* (2010)
- Inventory of cetaceans and sea turtles in 3 future marine Natura 2000 sites, North-Western Mediterranean; *Completed for Fundación Biodiversidad, Spanish Ministry of Environment.* (2010)
- Study of the population (distribution and use of habitat) of the Antillean manatee (*Trichechus manatus manatus*) at the National Park of Tortuguero, Costa Rica; *Completed for the Barcelona Zoo and the Conservation Area of Tortuguero.* (2010)
- Assessment of the potential of electropositive metals to reduce the accidental capture of sharks in longline in the Eastern Pacific; *Completed for NOAA.* (2010)
- Study of the population (distribution and use of habitat) of the Antillean manatee (*Trichechus manatus manatus*) at the Conservation Area of La Amistad-Caribe, Costa Rica; *Completed for the Barcelona Zoo and the Conservation Area of La Amistad-Caribe.* (2010 – 2011)
- Study, estimates and conservation guidelines of cetacean populations in marine areas proposed as future Natura 2000 sites, North-Western Mediterranean; *Completed for Fundación Biodiversidad, Spanish Ministry of Environment.* (2010 – 2011)
- Environmental improvement of the area of fishing interest in the Bahía del Fangar (Ebro Delta); *Completed for the Regional Government of Catalonia.* (2011)
- Study on the recruitment of pen shell (*Pinna nobilis*) larvae and controlled re-implantation of juveniles in Neptune’s seagrass beds; *Completed for Barcelona Zoo and the Marine Reserve of Medes Islands.* (2012-2013)
- Preparation of the cartography with the distribution of marine turtles and marine mammals along the coasts of Andalusia, with the aim to help with the planning and management of the marine Natura 2000 Network in this Autonomous Community; *Completed for the Regional Government of Andalusia.* (2012-2013)
- Distribution and location of two endangered species of colonial cnidarians, the cladochora (*Cladocora caespitosa*) and the gold coral (*Savalia savaglia*), in the Natural Park of Montgrí, Islas Medes y Bajo Ter; *Completed for MedPan and the Natural Park of Montgrí, Islas Medes y Bajo Ter.* (2013)
- Study on the importance of the “Delta del Ebro” area as winter area for Mediterranean populations of loggerhead sea turtles (*Caretta caretta*); *Completed for the Barcelona Zoo and the Natural Park of the “Delta del Ebro”.* (2013-2014)
- #ProyectoGrampus: Study and monitoring of the populations of Risso’s dolphin (*Grampus griseus*) associated to underwater canyons along the Catalan coast, with the aim to provide data to include this species in the Spanish “National Catalogue for Threatened Species”; *Completed for Fundación Biodiversidad, Spanish Ministry of Environment.* (2014-2015)





## Environmental studies – physical environment

- Bathymetric cartography of high mountain lakes in the Pyrenees, and study of their biological quality; *Completed for the Regional Government of Aragon. (2010-2011)*
- Review of the EIA for the construction of pipes across a bay in the Middle East, and development of the environmental monitoring plan and the mitigation actions; *Completed for Foster Wheeler Italiana. (2012)*
- Preparation of the Scope of Work to carry out an environmental Impact Study for a project of urban development in the coast of Qatar, and realization of the Environmental Baseline Study; *Completed for AECOM. (2014-2015)*
- Mapping of seagrasses, and sandy and rock bottoms present along the littoral area corresponding to the Natura 2000 site “Litoral Meridional Tarraconense” using a side scan sonar; *Completed for Plancton, Divulgació i Serveis Marins. (2015)*
- Analysis of macro-invertebrates in samples of marine sediment for several environmental monitoring projects; *Completed for Labaqua-AGBAR. (2015-2016)*

## Specific cetacean work for offshore activities

- Development of a protocol for offshore seismic surveys: mitigation measures to reduce their effects on cetacean populations and identification of sensitive areas around Spain; *Completed for the Spanish Ministry of Environment. (2011-2012)*
- Development of a mitigation protocol to reduce the acoustic impacts on cetaceans related to the offshore activities of the oil industry, and provision of MMO to implement it; *Completed for “Alenta Medio Ambiente”. (2012)*
- Development of an action plan to monitor and mitigate the effect of offshore seismic activities related to geological research on cetacean populations, and provision of MMO and PAM to implement it; *Completed for the “Istituto Nazionale di Oceanografia e di Geofisica Sperimentale-OGS”. (2012)*
- Specialised counselling for the setting-up of a mitigation program to reduce the acoustic impacts on cetaceans within the project “Salt deformation and sub-salt fluid circulation in the Algero-Balearic abyssal plain (SALTFLU)”;
- Design of the contents of the future official training courses to certificate Marine Mammal Observers (MMO) and Passive Acoustic Monitoring Technicians (PAM) to work in Spanish waters; *Completed for Fundació Biodiversidad, Spanish Ministry of Environment. (2012-2013)*
- Organization and completion of the first official training course to certificate Marine Mammal Observers (MMO) and Passive Acoustic Monitoring Technicians (PAM) to work in Spanish waters; *Completed for the Spanish Ministry of Environment. (2013-2014)*
- Development of a working protocol to monitor and mitigate the effect of seismic activities related to geological research on cetacean and sea turtle populations, and provision of MMO and PAM to implement it, Aegean and Tyrrhenian Sea; *Completed for ICM-CSIC. (2015)*
- Analysis of the underwater noise generated during the enlargement of the harbour in the Algeiras Bay; *Completed for CIRCE. (2015-2016)*
- Uncovering the Mediterranean salt giant: Creating a scientific network to address the causes, timing, emplacement mechanisms and consequences at local and planetary scale of the largest and most recent “salt giant” on Earth: the Messinian salt layer in the Mediterranean; *Completed for European Union through a COST Action Program, led by OGS Istituto Nazionale di Oceanografia e di Geofisica Sperimentale. (2016-2018)*



## Seagrass meadows and related communities

- Monitoring of *Posidonia oceanica* seagrass beds in Catalonia; *Completed for the Regional Government of Catalonia.* (2010-2014)
- Quick diagnosis of the effect of concrete mooring systems on *Posidonia oceanica* seagrass beds, and of the beneficial effects of installing low impact mooring systems; *Completed for the council of Begur, Catalonia.* (2011)
- Installation in Montgó beach (Girona) of low-impact mooring systems and different sensors for researchers of the University of Girona. Demographic monitoring of the seagrass bed to confirm recovery due to this mooring system; *Completed for the University of Girona within a project funded by Fundació Biodiversidad.* (2012)
- Study of the seagrass beds of Port Bo and Calau beaches in Calella de Palafrugell (Girona): demarcation, study of bio-indicators of quality, and monitoring of related biodiversity; *Completed for Palafrugell City Council.* (2012-2013)
- Restoration of the *P. oceanica* seagrass fields affected by the presence of abandoned granite mooring systems in Natura 2000 sites; *Completed for Ecohydros and Infraestructures de la Generalitat de Catalunya.* (2014-2015)
- Study of the beaches of Port Bo and Calau to monitor the conservation status of seagrass beds and the impact caused by mooring systems; *Completed for Palafrugell City Council.* (2015)
- Installation of low impact mooring systems in the Cerrada inlet, in cape Tiñoso (Murcia); *Completed for the Department of Agricultura and Water, Regional Government of Murcia.* (2015)
- Technical counselling for the actions of restoration of *Posidonia* seagrass beds affected by the presence of mooring systems in the Natura 2000 site of "Cadiretes I Litoral del Baix Empordà"; *Completed for Infraestructures, Regional Government of Catalonia.* (2015-2016)

## Action and management plans

- Study of the impact of sports-divers on the ecosystems of the Marine Reserve of Medes Islands, in order to determine the maximum loading capacity of the Area; *Completed for the Regional Government of Catalonia.* (2010)
- Development and writing of the Action Plan for the Conservation of the monk seal in low-density areas in the Mediterranean Sea; *Completed for RAC-SPA.* (2011-2012)
- Determination of the maximum loading capacity of the Marine Reserve of Medes Islands in relation to diving activities, to ensure the conservation of its underwater habitats and biodiversity; *Completed for the Regional Government of Catalonia.* (2012)
- Development of the Management Plan of the future Marine Protected Area in the Greek island of Santorini, increasing sustainable artisanal fisheries while developing diving activities in key areas to achieve the self-maintenance of the MPA; *Completed for "Cousteau Divers".* (2012-2013)
- Review of information about bycatch of cetaceans in the Spanish Mediterranean within the project "Technical document on the incidence of bycatch of threatened species of cetaceans by different fishing gears Ref: 28-5179- MAGRAMA"; *Completed for Alnilam.* (2014)
- Completion of the document of new proposals for the management of the Diving activities in Medes Islands; *Completed for the Diving Centers of l'Estartit.* (2014)
- Consultancy for the organization of an exercise about the response in front of an oil spill along the coast of Tarragona; *Completed for SeaAlarm and Shell.* (2014)
- Study of the use of space and behavior of divers in 4 areas of Medes Islands; *Completed for the Natural Park of Montgrí, Medes Islands and Baix Ter.* (2015)



- Development of an environmental sustainability seal specific for diving centers and adapted to the Spanish Mediterranean; *Completed for Fundación Biodiversidad, Spanish Ministry of Environment.* (2015-2016)
- Development of an action protocol in the event of oiled wildlife for a quick response; *Completed for TRAGSA and the Spanish Ministry of Environment.* (2016-2017)

### Conservation medicine

- Study of the effect of the accidental capture of sea turtles by longline on their post-release mortality; *Completed for NOAA and Alnitak.* (2010-2012)
- Organization of a training system for longline fishery observer programs in the countries of the Southeastern Pacific, within the “Ecopacific Program to Reduce the Bycatch of Sea Turtles in the Southeastern Pacific”; *Completed for WWF-Latin America.* (2010-2013)
- Technical consultancy within the “Ecopacific Program to Reduce the Bycatch of Sea Turtles in the Southeastern Pacific” for the production of a training DVD for longline fishermen and fishery observers; *Completed for OFCF-Japan and the IATTC.* (2010)
- “Marine Turtle Vet Improvement” project, involving the organization of technical workshops by partners of Mediterranean countries on specific issues related to rescue techniques, first aid, clinical techniques and rehabilitation of marine turtles; *Completed for the Lifelong Learning Programme of the European Commission* (2011-2013)
- Inspection of Galician zoos and aquaria to assess compliance with current European zoo laws; *Completed for the Regional Government of Galicia.* (2010-2014)
- Organization and realization of training workshops for longline fishermen and fishery observers in the US and a [training DVD](#), with the aim to show them the best handling and hook-removal techniques to decrease the mortality of accidentally captured sea turtles; *Completed for the “Bycatch Reduction Engineering Program” of NOAA and the International Seafood Sustainability Foundation.* (2013-2014)
- Realization of training workshops for longline, trawling and trammel net fishermen in the Pacific coast of Guatemala with the aim to reduce the post-capture mortality of accidentally captured marine turtles; *Completed for NOAA and DIPESCA-Government of Guatemala.* (2014)
- Organization and realization of a [training DVD](#) and training workshops of longline, trawling and trammel net fishermen of Murcia and Andalusia with the aim to reduce the post-capture mortality of accidentally captured marine turtles; *Completed for the European Fishery Fund and the Fundación Biodiversidad.* (2014)
- Organization of training workshops for surface longline fishermen and fishery observers in the region of Calabria, Italy, with the aim to show the best sea turtle handling and hook removal techniques; *Completed for the Department of Biology, ecology and Science of the University of Calabria, within a LIFE+ project.* (2014-2015)
- Organization and realization of training workshops for longline fishermen and fishery observers along the Pacific coast of Costa Rica, with the aim to reduce post-capture mortality of incidentally captured sea turtles; *Completed for the International Seafood Sustainability Foundation (ISSF) and the Government of Costa Rica, in collaboration with EcoPacífico+.* (2015-2016)
- Realization of training workshops for fishermen, government officials and NGOs along the coast of Peru, with the aim to reduce post-capture mortality of incidentally captured sea turtles; *Completed for WWF Peru.* (2016-2017)
- Study of the incidence, onset and short-term evolution and impact of “decompression sickness” in sea turtles incidentally captured by trawling; *Completed for NOAA’s “Bycatch Reduction Engineering Program”, in collaboration with the Oceanogràfic of Valencia and the NGO NEMA.* (2016-2017)



## Programs of environmental education, awareness and communication

- Training courses on scientific diving techniques: study of marine species and ecosystems; *Completed for the Official College of Biologists of Catalonia, the Campus Universitario de la Mediterránea (CUM) and Animal Latitude. (2010- 2013)*
- Design and printing of waterproof sheets on biodiversity of Posidonia seagrass beds; *Completed for the Regional Government of Catalonia. (2010)*
- Development of awareness material on the importance of high mountain lakes and their conservation; *Completed for the Regional Government of Aragon. (2010)*
- Design of contents for the exhibition on the 20th anniversary of Medes Island Marine Reserve; *Completed for the Regional Government of Catalonia. (2010 – 2011)*
- Design and completion of the “Week of the High Mountain Lakes”, directed towards scholars of the region of Sobrarbe; *Completed for the Region of Sobrarbe. (2011)*
- “Metropolitan dolphins: a marine stewardship project within Barcelona city” – Activities to promote the general public taking part in the study and sightings of cetaceans along the coasts of Barcelona; *Completed for Barcelona City Council. (2012 – 2013)*
- Special course on “Conservation, protection and recovery of habitats of importance for fisheries”, organized for the Special Marine Rescue Group of the Firemen and the Regional Police Force of Catalonia; *Completed for the Regional Government of Catalonia. (2012)*
- Development of an underwater trail system in front of L’Ametlla de Mar and design of the informative signs about the ecosystems and their most representative species; *Completed for L’Ametlla de Mar City Council. (2012-2013)*
- Cleaning of the beach in l’Estartit with the participation of the scholars of the local school, cataloguing and analysis of the waste found, and development of a good practice protocol with the scholars for the town council based on the findings; *Completed for Fundació Biodiversidad, Spanish Ministry of Environment. (2013)*
- Co-organization of the 2nd sessions on Marine Stewardship “Current framework of the marine stewardship and perspectives for the future”, in Barcelona, November 25th; *Completed for Fundació Biodiversidad, the Regional Government of Catalonia and the Xarxa de Custodia del Territori (Catalan Network for Stewardship). (2013)*
- Marine stewardship actions for the conservation of the marine area “Canyons of the Maresme Area”; *Completed for the Regional Government of Catalonia and the Local Government of Barcelona. (2009 – 2015)*
- Organization of educational sessions for the general public introducing the marine species and habitats of the coasts of the town of Palafrugell: main habitats and ecosystems, identification of the main species, distribution of species depending of the surrounding environment; *Completed for Palafrugell city council. (2013-2014)*
- Educational sessions for children and their parents about the biodiversity at the beach of “El Remolar”; *Completed for Viladecans city council. (2014)*
- Organization of the technical workshop on marine stewardship within the “First European Land Stewardship Congress”, in Barcelona, November 5th-8th; *Completed for the Xarxa de Custodia del Territori (Catalan Network for Stewardship). (2014)*
- Education workshop about cetaceans “Whales, dolphins and noise: the perfect tandem”; *Completed for “la Caixa” Foundation – Science, Research and Environment. (2014)*



- *Natouralistas*: development of manuals and training of naturalist tourist guides to carry out touristic activities related to whale watching and guided snorkelling trips, applying citizen science techniques; *Completed for Travelecoology*. (2014)
- *Náutica 2000*: production of two guides for the development of two new products, and acquisition of photographs for their commercialization of these products through the AEEN's web; *Completed for the AEEN (Spanish Association of Nautical Stations)*. (2014)
- *Mar Interior*: development of awareness and education activities about the marine environment in rural schools of inland Spain; *Completed for Fundació Biodiversidad, La Caixa Foundation and the Regional Government of Catalonia*. (2014-2017)
- *SeaChange*: project on environmental awareness at all levels of society to change the perception of European citizens towards its relation with the sea, so that they take actions for its conservation; *Completed for the European Commission through a "Horizon 2020, Ocean Literacy program – Engaging with Society – Social Innovation" project, in partnership with another 17 organizations of 9 countries*. (2014-2016)
- Consolidation and promotion of the eco-label "Peix de Custòdia" in the region of Barcelona, in collaboration with artisanal fishermen of the stewardship area of Maresme and with the Natura Foundation; *Completed for the Regional Government of Catalonia*. (2014-2015)
- "I live in the Mediterranean, too": environmental awareness and training about the most emblematic large marine animals of the Mediterranean Sea, directed to the general public, as well as to the communications sectors; *Completed in collaboration with Animal Lattitude for the Regional Government of Catalonia*. (2015)
- *WildSea Europe*: A discovery journey of Europe's marine biodiversity through water sports and coastal trails; *Completed for the European Commission through a "COSME – Diversifying the EU tourism offer and products" project, in partnership with another 7 organizations of 5 countries* (2015-2016)
- Environmental awareness and education actions for the general public in Barcelona and Viladecans – guided snorkel routes, educative workshops on the beaches; *Completed for the Àrea Metropolitana de Barcelona (AMB)*. (2015-2016)
- Development of underwater trails along the coasts of Hospitalet de l'Infant and design of the informative signs on the different ecosystems and their most representative species; *Completed for Hospitalet de l'Infant City Council*. (2015)
- Adaptation of the Marine Strategies Framework Directive, and dissemination of its content among students of Spanish educative centres through a web-page with educative exercise books adapted to the different age levels; *Completed for Fundació Biodiversidad, Spanish Ministry of Environment*. (2015-2016)
- *Un Mar Sin Desperdicio*: adaptation of a beach cleaning protocol for school students and implication of schools along the Mediterranean coast in the conservation and cleaning of the beaches of their villages; *Completed for ECOEMBES and the Fundació Biodiversidad, Spanish Ministry of Environment*. (2016-2017)