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grants

PT02_Call6_0003

BioMar PT - Learning to know the marine environment of Portugal

PT02_Call6_0003 - BioMar PT



The **project BioMar PT**

- *Learning to know the marine environment of Portugal* – **aims:**

To contribute to increase the technical competencies to ensure the implementation of the "Marine Strategy" Framework Directive (MSFD) in Portuguese continental waters, providing training and qualifications to perform the continuous multidisciplinary monitoring, acquisition of technical skills for the application of standardized methodologies to process and analyze collected samples, and data processing and analysis and its availability in a simple, standardized and comprehensive manner

TARGET AUDIENCE:

BSc, MSc, PhDs, post-docs, graduation students, professionals from relevant fields related to the implementation of the MSFD and the sustainable management of the marine environment

PARTNERS:

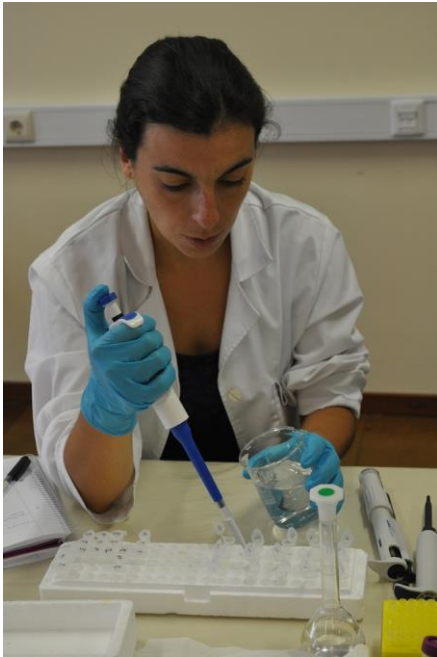
- Portuguese Institute of Ocean and Atmosphere, P.I. (IPMA) - Promoter
- Interdisciplinary Center for Marine and Environmental Research (CIIMAR)
- Task Group for the Extension of the Continental Shelf (EMEPC)

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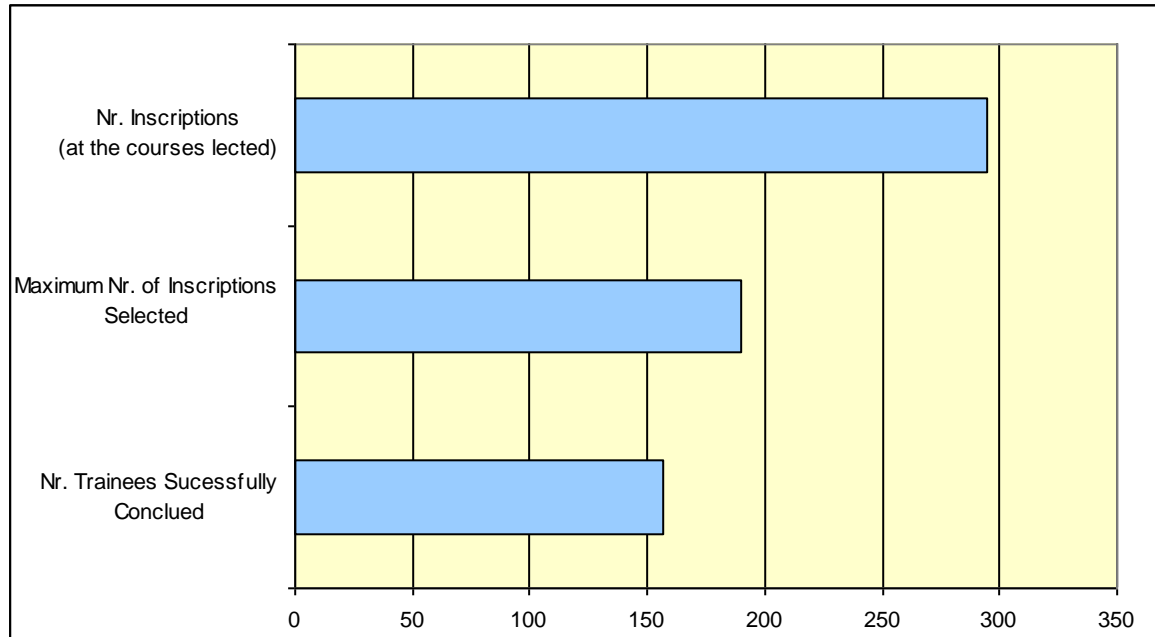
COURSES LECTED:

- Planning of marine biodiversity monitoring programs
- Sampling and identification of marine species parasites
- Nursery ground ecology
- Sampling methods and identification of marine benthic communities
- Introduction to statistical analysis and programming with R for Biological Sciences
- Geographic information analysis and manipulation
- Laboratory analytical techniques
- Analytical techniques in LC-MS/MS1
- Marine environment monitoring by satellite



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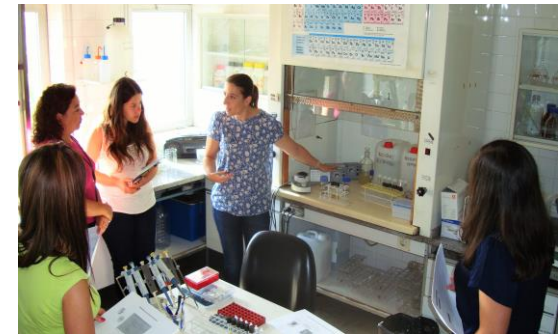
COURSES LECTED	9
COURSES FOR LECTURE	16

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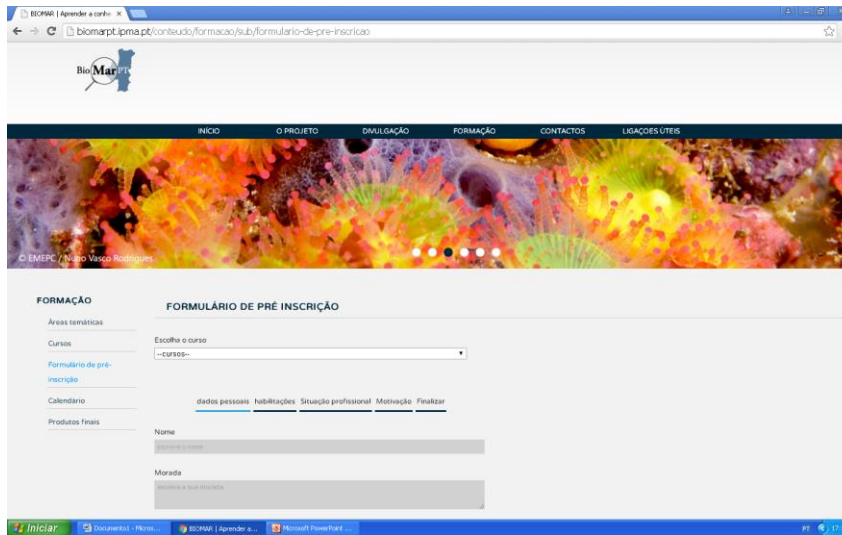
COURSES FOR LECTURE:

- Histology techniques
- Taxonomy and ecology of marine toxic microalgae. Methods and sampling techniques, counting and identification
- Taxonomy and ecology of marine zooplankton. Methods and sampling techniques, counting and identification
- Taxonomy and ecology of benthic marine macrofauna
- Fish taxonomy
- Identification of non-indigenous species of the portuguese coast of:
 - Tunicates
 - Molluscs
 - Hydrozoans
 - Bryozoans
 - Macroalgae
- Marine biodiversity information systems
- Mapping marine habitats
- Data analysis for water quality assessment, using indicators and indices of phytoplankton
- Preparation of samples for molecular analysis
- Data analysis from molecular techniques
- Advanced training in ICP/ MS2



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Further informations and
Inscriptions at the

PROJECT SITE

<http://biomarpt.ipma.pt/>