

# MARINE

## 1° INTERNATIONAL TRAINING PROGRAM

### Monitoring and Analysis of biodiversity in marine protected areas

USTICA – Island Italy

Marine protected area

June 24 – 29 2019

#### ORGANIZATION

The Course is organized and coordinated by the Master degree in Biodiversity and Environmental biology - Department STEBICEF University of Palermo

#### STAFF

Marco ARCULEO - University of Palermo

Vincenzo ARIZZA - University of Palermo

Fabio BADALAMENTI - CNR - IAS

Giorgio BAVESTRELLO - University of Genova

Renato CHEMELLO - University of Palermo

Alan DEIDUN - University of Malta

Maria Cristina GAMBÌ - Stazione Zoologica Anton Dohrn

Alexia MASSA GALLUCCI - Aquabiotech Ltd Malta

Marco MILAZZO - University of Palermo

Anna Maria MANNINO - University of Palermo

Mirella VAZZANA - University of Palermo

#### COURSE OUTLINE

The course curriculum is divided into three main topics presented over a five days period of multidisciplinary frontal and practical lessons and 2 scientific dives, giving altogether a broad approach to the theme of the course.

Topic 1 – **Biodiversity monitoring**

Topic 2 – **Innovative biodiversity assessment tools**

Topic 3 – **Climate change**

- The training program aims to:

- Acquisition of the methods for planning and carrying out an environmental analysis activity
- Use of the main census and monitoring techniques in Marine Protected Areas
- Analysis and recognition of the main macroscopic components of coastal natural systems
- Knowledge and use of the main tools for data analysis
- Data return techniques and their presentation

Lessons and practical laboratories, as well as dive briefings, will be provided in English.

**Application deadline: April 30th 2019**

#### ELIGIBLE PARTICIPANTS:

The school is open to students, graduates, specialists, PhD and post-doc students in scientific disciplines and professionals engaged in study and management of the Sea environment. A participation certificate will be issued. will allow to obtain CFU in the context of university training activities.

#### REQUIREMENT

A diving license (first level), at least 10 certified dives (also recreational) a medical certificate

#### COST FOR THE ACTIVITIES: € 300.

#### THE COST INCLUDES

the logistics and equipment necessary for carrying out the activities.

#### NOT INCLUDED

- A / R trips to reach the place of development (Isola di Ustica)
- Board and lodging for the entire duration of the course
- or personal diving equipment that can be rented on the island through special agreements.
- The instrumental equipment will be made available by the university.
- All registration formalities and rental requirements can be made online to guarantee an arrival on the island on the same day of the start of the course, thus reducing costs to the participants.

#### THE SECRETARIAT SERVICE WILL INCLUDE:

- Hotel reservation for participants.
- Equipment rentals
- Identification of the agreed structures list
- All the exits will be realized through nautical means and to the participants will be supplied diving tank and weights belt for the realization of the dive.
- Two scholarships will be available for the course which will cover the enrollment costs

For more information, please click on: <https://usticainternationaltrainingprogram.com>