



Invitation for university students or young researchers

INTRODUCTION

M.A.R.E. (Marine Adventure for Research & Education) is an initiative of Centro Velico Caprera (CVC), whose aim is to provide environmental research with a means of sailing around the Mediterranean Sea, conducting targeted research aimed at increasing the level of knowledge of our sea. The scientific partner of this initiative is One Ocean Foundation (OOF).

PROJECT MARINE ADVENTURE FOR RESEARCH AND EDUCATION (M.A.R.E.)

From the CVC's initiative was born ONE, a sailing catamaran, equipped as a small laboratory, which sails the Mediterranean Sea and promotes the **protection of the sea**. The project started in 2022 and concerned the Tyrrhenian Sea, where ONE sailed for three months, carrying out analyses and measurements. OOF coordinated the scientific activities of the initiative, whose main objective is to monitor the presence and distribution of **marine biodiversity**, with particular attention to species considered at risk of extinction and/or data deficient. This is done through environmental DNA sampling along the entire route. Furthermore, through zooplankton sampling, the project aims to assess the **presence and distribution of various marine contaminants** (trace metals, persistent organic contaminants). Finally, through **citizen science** activities proposed on board the catamaran, the project aims to raise awareness of the importance of marine and ecosystems biodiversity for the health of the oceans on which we all depend.

For 2023, the M.A.R.E. project intends to follow up on what was done in 2022, extending the same measurements to the entire Adriatic Sea, according to the programme shown in Appendix 1 (map of the 2023 route).



INVITATION TO PARTICIPATE:

In the framework of the 2023 programme, Project M.A.R.E. invites university students and young researchers to propose research projects or final theses with aims consistent with those of Project M.A.R.E.

The objective of the call is to **facilitate access to research in the field** by stimulating new scientific activities that favour the **preservation of our seas**, while promoting the development of research activities in the university environment.

Proposers should submit a project using the 'Application Form' in Annex 2 and according to the modalities indicated therein.

THE BOARDING:

Those selected will be offered two different possibilities to expand their research and expertise in the marine field.

The first possibility (hereafter referred to as "boarding of equipment") is to provide the M.A.R.E. Project with the necessary instrumentation, to be kept on board for the entire navigation period, periodically receiving the results of the research conducted.

The second option (hereafter referred to as "research in presence") involves embarking on board the catamaran **ONE** which will sail the Adriatic Sea for 10 weeks carrying out the research activities of their proposed project. Embarkation will last 15 or 21 days.

The costs of Personal Insurance for the duration of the cruise, board and lodging on board will be borne by the M.A.R.E. Project. The following will not be included: food consumed not on board the catamaran, travel expenses to and from the port of embarkation/disembarkation and personal expenses.

PARTICIPATION REQUIREMENTS

The invitation is reserved for students and/or young researchers aged between 18 and 30, on the date of application, regularly enrolled in a three-year degree course or master's degree course and/or Research Institutes, in the field of marine biology and ecology studies, provided by Universities (and Research Institutes) based in Italy and/or legally recognised by the MIUR, or in degree courses with

the same legal value provided by Universities (and Research Institutes) based in the other countries that will be concerned by the project in 2023: Slovenia, Croatia, Montenegro, Albania, Greece (Ionian).

MODALITIES AND TIMING OF PARTICIPATION

Applicants must submit their project proposal by 15 February 2023 and by the same date must submit the "Application Form" (in Annex 2) specifying how they intend to participate.

The following documents must be attached to the Application Form:

- a **curriculum vitae** detailing studies, skills and extra-curricular activities related to the sea;
- in the case of the "boarding of equipment" mode, applicants must also indicate the availability of any technical equipment needed for their proposed project;
- in the case of choosing the 'face-to-face research' mode, you will need to submit a **"Scientific Research Proposal"** (in Appendix 3) in the field of marine biology and ecology that is aimed at writing a Bachelor's or Master's degree thesis, or a scientific publication, providing a thorough explanation of what you intend to investigate, why it is worth investigating and the method for doing so.

The documentation must be received exclusively in uneditable pdf format, expressly authorising the processing of personal data pursuant to Legislative Decree 196/03, and must be sent by e-mail to both of the following addresses:

secretariat@1ocean.org

mare@centrovelicocaprera.it

Applications received after the deadline and/or without the required documentation will not be considered.

THE SELECTION PROCESS

The choice among the various proposals received will be made, with an unquestionable decision, by a Commission composed of

- Dr. Ginevra Boldrocchi - University of Insubria and scientific coordinator of the M.A.R.E. project;
- Dr. Sandro Carniel - CNR and NATO CMRE Centre and member of the One Ocean Foundation scientific committee;
- Eng. Paolo Bordogna - Vice President Centro Velico Caprera.

The Commission will examine and evaluate the proposals received, at its sole discretion and on the basis of criteria that will include:

- consistency between the proposal and the objectives of the competition;
- relevance and level of detail of the project subject matter
- feasibility of the project idea
- scientific interest of the final project

The Commission may not select any proposer if none of the projects presented is considered coherent.

EVALUATION OF THE APPLICATIONS

After examining the curricula and research proposals, the Selection Committee will formulate a merit list. Particular attention will be given to research projects that favour eco-sustainable, low environmental impact methodologies and innovative themes with respect to what has already been carried out by the M.A.R.E. Project.

At the end of the evaluation and selection process, the Commission will notify applicants of the projects selected by e-mail.

FINAL PROVISIONS

Submission of proposals implies full acceptance of these Rules and Regulations. It also includes that any scientific publications and/or Thesis papers, both for master's and bachelor's degrees, developed must contain the following specification: "The data collected and used for this project have been collected with the contribution of One Ocean Foundation and Centro Velico Caprera within the framework of the M.A.R.E. Marine Adventure for Research and Education project".



Participants will give their consent to the mention of their personal data and the title of their research for the dissemination activities of the M.A.R.E. project, Centro Velico Caprera and One Ocean Foundation.

By submitting the proposals, the proposers explicitly declare and guarantee that the ideas and projects presented are original and that they have the right to submit them for participation in the project. The Committee accepts no liability for any breach of the above declarations of guarantee.

Centro Velico Caprera:

Centro Velico Caprera is a non-profit association, founded in 1967 by the Italian Touring Club and the section of Milan of Lega Navale, which, under the patronage of the Italian Navy, received in concession, the land and military structures of the south-western part of the island of Caprera between Punta Coda and the wonderful gulf of Porto Palma on which stood some old military buildings.

"The aim of the CVC is to create, through the practice of sailing, an education and a maritime conscience inspired by the traditions of Italian seafaring" (Art. 2 of the Statute). There are over 2,000 volunteers who have contributed to making the CVC not only the largest sailing training institution in our country, but a true internationally recognised reference model.

The CVC is finalising its transition to become an ETS Foundation.

One Ocean Foundation:

One Ocean Foundation aims to accelerate solutions to Ocean issues by inspiring international leaders, institutions, companies, and people promoting a sustainable blue economy and enhancing ocean knowledge through ocean literacy. One Ocean believes that educating young people about the ocean is critical to understand the influence of the sea on our lives and the influence of our lives on the sea.

Annex 1
Draft Programme (Maps and date) of the 2023 itinerary





Annex 2 Application Form

For the kind attention of M.A.R.E. project
c/o ONE OCEAN Foundation
Via Gesù 10, 20121
Milan
E-mail: secretariat@1ocean.org – mare@centrovelicocaprera.it

PARTICIPATION FORM

The undersigned (full name and surname) _____

Born in _____, on _____

Residing in _____ full address with ZIP code _____

Telephone: _____ e-mail: _____

Nationality: _____ (please attach a copy of your passport or other Identity Document)

Enrolled at University/Research Institute

as:

- Student of bachelor's degree
- Student master's degree
- Student master's course
- Researcher

submits its application to participate in the Project "M.A.R.E."

Mode A: ONBOARDING OF EQUIPMENT

Description of equipment to be made available on board: _____

Mode B: RESEARCH IN PRESENCE

to be conducted on board the catamaran ONE, in the period: (specify the period or route of interest. You can make more than one choice, in descending order of preference)

- Part 1 – from (place) _____ to (place) _____ - from (period) ____ to ____
- Part 2 – from (place) _____ to (place) _____ - from (period) ____ to ____
- Part 3 – from (place) _____ to (place) _____ - from (period) ____ to ____

to conduct a research project named: _____

as per the research project attached hereto (in ANNEX).

The undersigned hereby declares that he/she is willing to provide the Foundation with any further details or clarifications that may be requested.

Place and date: _____

Signature: _____



Information on the Processing of Personal Data
Pursuant to Article 13 of EU Regulation No. 2016/679

Pursuant to and in accordance with Legislative Decree 196/03 (the "Privacy Code") and EU Regulation 679/2016 ("GDPR"), the undersigned agrees that his/her personal data may be processed for purposes related to the execution of the Project "M.A.R.E." pursuant to Art. 6.1, lett. b) of the GDPR, also with the aid of electronic means, in observance of the minimum security measures provided for by the Privacy Code - and subsequent additions and amendments - and by the GDPR, as well as in compliance with the regulations in force at the time of the processing itself, with the sole purpose of executing the services charged to him/her in this contract.

The undersigned declares that he/she has received the information referred to in Article 13 of EU Regulation 2016/679, and that he/she consents, pursuant to Article 7 et seq. of the Regulation, to the processing of personal data in the terms and manner specified above.

Name and date: _____

Signature: _____



ANNEX 3

SCIENTIFIC RESEARCH PROPOSAL MODE B: RESEARCH IN PRESENCE

For the kind attention M.A.R.E. project
c/o ONE OCEAN Foundation
Via Gesù 10, 20121 Milan
E-mail: secretariat@1ocean.org – mare@centrovelicocaprera.it

SCIENTIFIC RESEARCH PROPOSAL MODE B

TITLE OF THE RESEARCH _____

SUMMARY OF THE PROJECT (max. 300 words)

INTRODUCTION (*state of the art and research objectives, max. 500 words*)

IMPORTANCE OF THE RESEARCH (*max. 300 words*)

METHODOLOGY (Briefly describe the methods and tools you intend to use and/or the precise activities that will be involved to achieve the project objectives; max. 500 words)

EXPECTED RESULTS (max. 500 words)

PROJECT OUTPUTS (max. 300 words)

PROJECT TIMELINE (it means the period from sampling to project output; max. 500 words)

SUPERVISOR/PROJECT RAPPORTEUR (The applicant must provide the name, respective affiliation and contact information of the supervisor/rapporteur of this project. A letter certifying this person's participation as the supervisor/rapporteur of this project must also be submitted with the application.)
