



OGS

National Institute
of Oceanography
and Applied
Geophysics



**UNIVERSITÀ
DEGLI STUDI
DI TRIESTE**

ADVANCED MASTER IN **SUSTAINABLE BLUE ECONOMY**



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BLUE ECONOMY

Marine and maritime based economic activities represent a huge opportunity.

According to the most recent figures, the established sectors of the EU Blue Economy directly employed close to 4.45 million people and generated around €667.2 billion in turnover and €183.9 billion in gross value added. Emerging innovative blue economy sectors, such as ocean renewable energy, blue biotechnology, and algae production are adding new markets and creating jobs.

Following the **new strategy on sustainable Blue Economy**, launched by the European Commission in 2021, the objective is to achieve sustainable growth while protecting and restoring nature, fighting pollution, and tackling climate change. Therefore, EU blue economy will help to deliver both the European recovery and the European Green Deal.

To deliver on such high expectations, the blue economy is going to need a large pool of **highly qualified and skilled professionals**.

In addition, in order to unlock **economic and social potential in the Mediterranean region**, there is a need to put together multidisciplinary actors from different countries. To do so, it is necessary to build an ideal environment for constructive dialogue (**Science Diplomacy**), focusing on the role of people, economics and policies. There's the need to **attract investments** while reconciling tensions and balancing priorities between **economy, social stability and environmental conservation**.



THE MASTER

The master is addressed to participants interested to move ahead in their career and/or to add new skills and competences to their CV, creating **new job opportunities** and strengthening their marketable **skills**.

The participants of the master are trained in order to **tackle and manage transboundary and multidisciplinary issues**.

The objectives of the master are

- to increase the **professional skills** and the **quality of research** in the marine and maritime sector;
- to extend the current **economic development** with particular focus on activities and aspects related to the importance of the sea (including **security and safety in the sea**);
- to help scale up activities that result in sharing research outcomes and **disseminating scientific knowledge**;
- to expose students to **cross-cutting aspects** such as financing instruments and project management in the field of blue economy;
- to introduce innovative topics such as **science diplomacy** to ease the dialogue between countries and facilitate **mobility and access to research infrastructures**.

BOARD OF DIRECTORS



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University of Trieste & OGS



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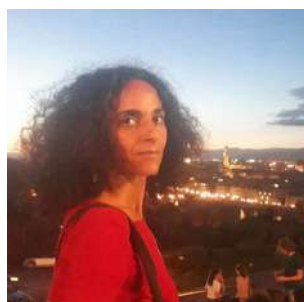


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Port Network Authority of the
Eastern Adriatic Sea



**OVER 50 PROFESSORS
AND SPEAKERS**

STRUCTURE OF THE MASTER

The master is structured as a **part-time** programme lasting **12 months** (3 intensive sessions of 15 days each will be organized), which can **easily fit with work commitment**. The didactic contents consist in face-to-face lectures given by highly qualified professors and experts in the different fields of blue economy. The lectures will be enriched with specific feature **materials available to the participants on the online platform**, with hands-on workshops/seminars and some testimonial lectures from leading companies and industries, as for blue technology innovation. The master's course ends with the preparation and submission of a project work or with a traineeship with a final report.

JANUARY 2024

Kick-off and online learning



JUNE 2024

2nd face-to-face session
2 weeks, @OGS



FINAL PROJECT WORK

3 sessions for discussion

September 2024,
December 2024, February 2025



MARCH 2024

1st face-to-face session
2 weeks, @UniTs

SEPTEMBER 2024

3rd face-to-face session
2 weeks, @OGS

DIDACTIC CONTENTS

SOFT SKILLS ENHANCEMENT, TRAINEESHIPS, JOB-ORIENTED
ACTIVITIES, NETWORKING EVENTS

FIRST SESSION

INTRODUCING
BLUE ECONOMY
ISSUES AND
RESOURCES

SECOND SESSION

TOOLS FOR
ASSESSING AND
DEVELOPING
STRATEGIES

THIRD SESSION

INSTRUMENTS
AND POLICIES
FOR INTEGRATED
BLUE ECONOMY

E-LEARNING PLATFORM: VIRTUAL CLASSROOM - ONLINE TESTS AND
EVALUATIONS



KEY FEATURES



12 months

3 face-to-face sessions:

- Spring session (2/3 weeks in March);
- Summer session (2/3 weeks in June);
- Autumn session (2/3 weeks in September).



English



**From 10 to 25
participants**

**From all the Mediterranean and Black Sea
countries.**



1,706 €

Scholarships including full fellowships (covering registration fees, travel and accommodation) and partial fellowships (covering the registration fees only) will be available.



Multidisciplinary

Oceanography (physics, chemistry and biology), marine biology, geology, geophysics, geochemistry, environmental engineering, ecological modelling, climate study, coastal zone management, environmental economy and related fields.



**Trieste, Italy
OR
Online**

**University of Trieste - main campus, Piazzale Europa
OGS building, via Beirut 2, Grignano.
If the pandemic situation doesn't allow to travel the
Master will be held entirely online.**

ORGANISING INSTITUTIONS



OGS
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**UNIVERSITÀ
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The **National Institute of Oceanography and Applied Geophysics - OGS** is a public research Institute active in the field of pure and applied research on Earth and Marine Sciences (**Oceanography, Geophysics, Seismology**) with a focus on **development and management of Research Infrastructures**. OGS missions are to safeguard environment and natural resources and to prevent geological, environmental and climatic risks. A core activity is to implement the sustainable blue economy promoting Science Policy.

The aim of the Institute is to play a leading role, in the Italian and international earth sciences, marine and polar research fields, by favoring the synergies with the other institutions thus having positive impacts on the territory in a “globalocal” logic.

<https://www.ogs.it/en>

The **University of Trieste** is a public national university. It aims at: providing the highest level of **education** and preparation for professionals and citizen of the future; generating and disseminating **knowledge**; committing itself with the local **community** to tackling the core issues of our times.

The University of Trieste is dedicated to the **discovery, development, transfer and application of knowledge** in a wide range of academic and professional fields.

The University’s goal is to provide high-quality undergraduate and graduate education, along with the development of **new skills** through research and creativity.

<https://www.units.it/en>

SUPPORTING INSTITUTIONS



Union for the Mediterranean
Union pour la Méditerranée
الاتحاد من أجل المتوسط



The Abdus Salam
International Centre
for Theoretical Physics





ALUMNI

"This master was a great turning point in my career, it provided me with an empowering platform for advanced research in the blue development."

Baya Aissaoui (Engineer, Tunisia)

"The Master is an excellent and challenging program that provides strong training in all the different fields linked to the Sustainable Blue Economy. It fulfilled all my expectations in terms of cross-cutting view and emphasis on oceanographic research."

Alessandro Scianca (Chemist, Italy)

"Attending the Master in Sustainable Blue Economy is a fundamental human and professional experience that added great value to my technical training. The transversal platform of study, the multicultural heritage of all the classmates, the incredible board of researchers and professors are the pillars of this extraordinary experience."

Nicoletta Pastore (Tourist agent, Italy)

