



UNIVERSITÀ
DEGLI STUDI DI TRIESTE



Advanced Master in Sustainable Blue Growth



www.bluegrowth.inogs.it



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Advanced Master in Sustainable Blue Growth

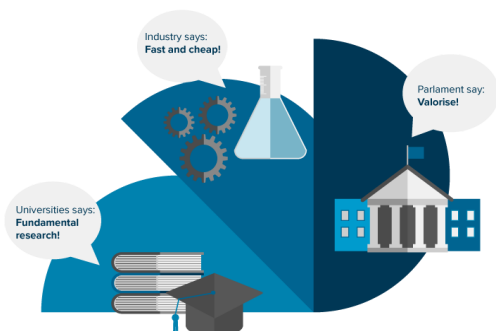
BLUE GROWTH

Marine and maritime based economic activities represent a huge opportunity. For the European Union the blue economy represents roughly 5.4 million jobs and generates a gross added value of almost €500 billion a year. However, further potential economic, social and environmental development is enclosed within European sea and coastal ecosystems.

In order to unlock such **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 **economic growth, social stability and environmental conservation**.

This vision is politically and financially sustained by major international frameworks. First among the others, EU's **Blue Growth strategy** represents the policy framework through which financial, normative and governance solutions are developed. The objectives are to:

- enhance the access to **finance** for the maritime sectors;
- improve and disseminate the maritime **skills and qualifications**;
- enhance the multidisciplinary and multilateral **cooperation** in order to connect public authorities, communities, researchers and private investors.



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 and growth**, 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 growth;
- 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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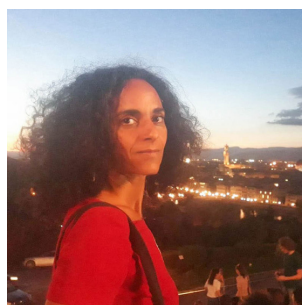
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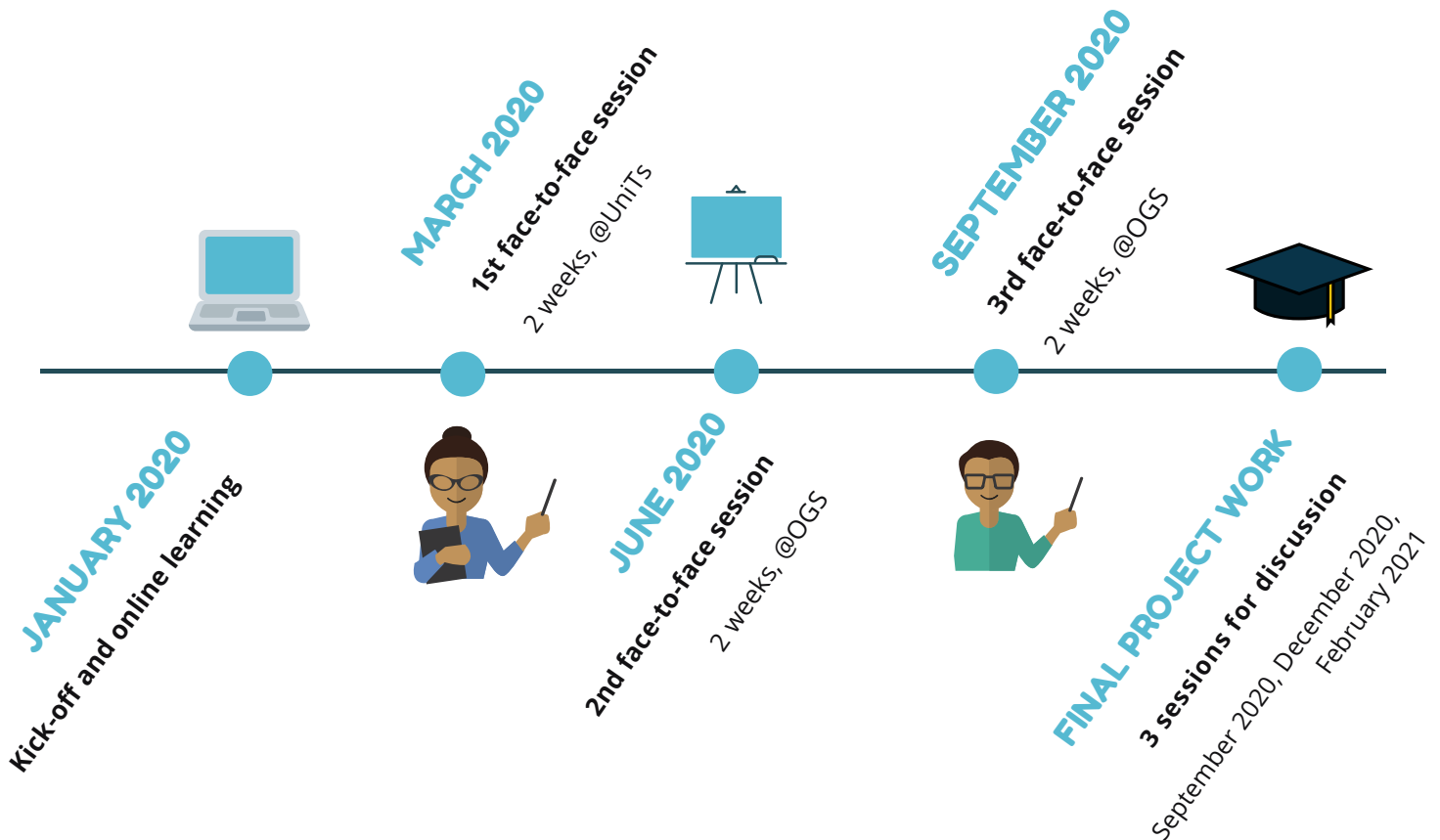


Jacopo Zotti
University of Trieste

**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 growth. 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.



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 growth

E-learning platform: virtual classroom - online tests and evaluations



KEY FEATURES



12 months

3 face-to-face sessions:

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



English



From 10 to 25
participants

From all the Mediterranean and Black Sea
countries.



3.200,00 €

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

University of Trieste - main campus, Piazzale Europa
OGS building, via Beirut 2, Grignano.

ORGANISING INSTITUTIONS



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 growth 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.inogs.it/en>



UNIVERSITÀ
DEGLI STUDI DI TRIESTE

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



MINISTERO DELL'ISTRUZIONE DELL'UNIVERSITA' E DELLA RICERCA



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



The Abdus Salam
International Centre
for Theoretical Physics



The World Academy of Sciences
for the advancement of science in developing countries



Autorità di Sistema Portuale
del Mare Adriatico Orientale
Porti di Trieste e Monfalcone

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 Growth. It fulfilled all my expectations in terms of cross-cutting view and emphasis on oceanographic research."

Alessandro Scianca (Chemist, Italy)

"As an engineer, and as a mother, this program has changed my life."

Amal Salhi (Engineer, Tunisia)

"This master not only provides professional skills, but also could make personal changes. It changes your perspective; it introduces you to new ideas and new ways of study, which in turn influences every aspect of your life."

Nessim Douss (Geologist, Tunisia)



"It was an amazing chance to meet scientists and researchers from all over the world, who allowed me not only to enrich my capacities and knowledge on a scientific level, but also on a human and cultural level."

Sofiene Atrous (Coastal manager, Algeria)



"To think blue, you must do the blue growth master!"

Khalid El Khalidi (Engineer, Morocco)

"Attending the Master in Sustainable Blue Growth 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)