

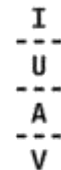
Università Iuav di Venezia

ERASMUS MUNDUS MASTER COURSE ON MARITIME SPATIAL PLANNING (EMMCMSP)



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What is MSP?

Maritime spatial planning (MSP) is a public process of **analyzing and allocating** the spatial and temporal **distribution of human activities** in marine areas to achieve ecological, economic, and social objectives that are usually specified through a **political process** (Ehler and Douvere, 2009)



Why MSP?



Why MSP?

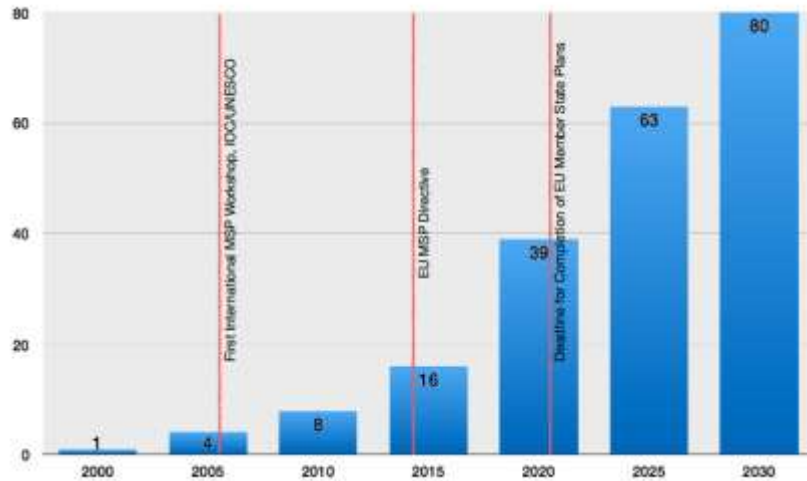
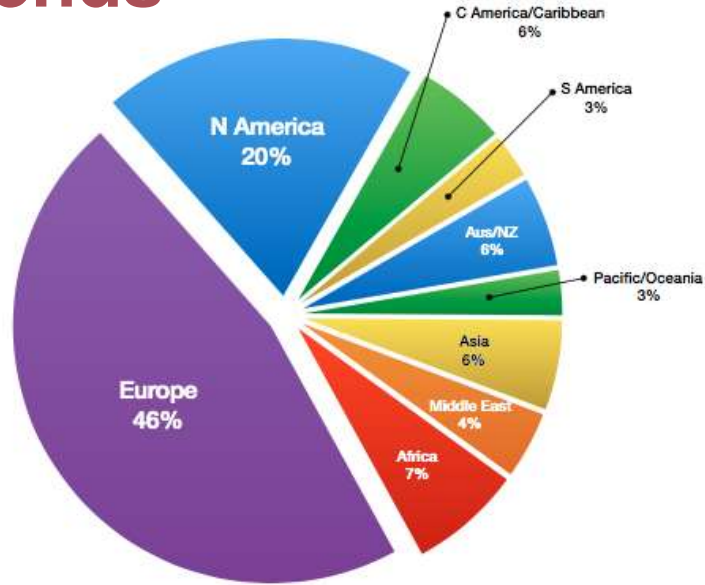


Why MSP?

- **Limit conflicts**
- **Encourage investment**
- **Enhance coordination**
- **Increasing cross-border cooperation**
- **Protect the environment**
- **EU Directive MSP 2014/89/EU**



Some trends



Ehler, 2017

99 % fishing

97 % shipping
of which
20 % traffic separation

26 % military use

15 % sand & gravel extraction

1,2 % dredging & dumping

0,6 % wind parks

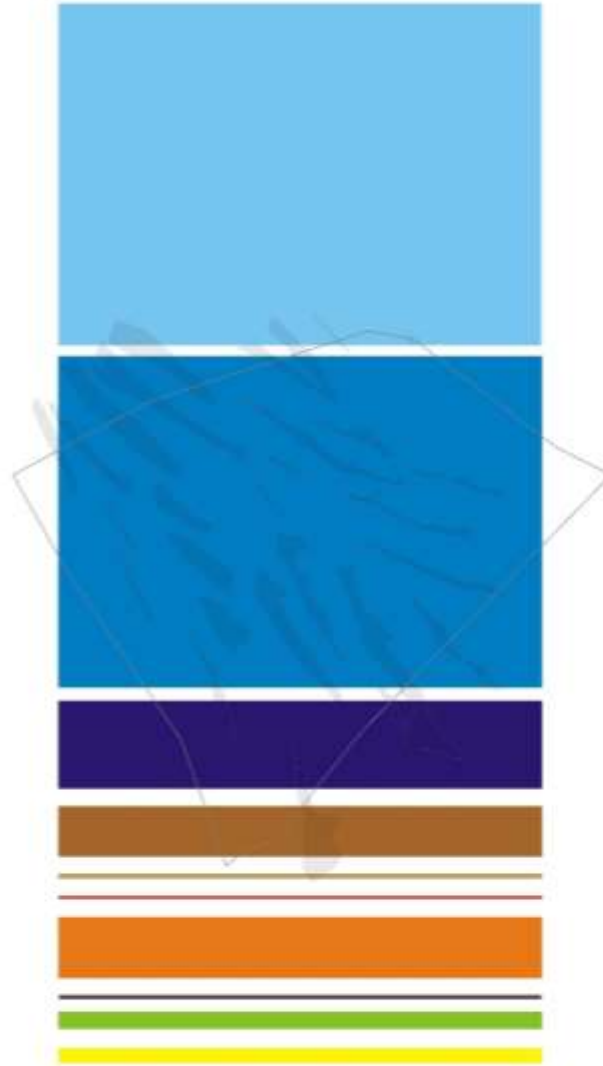
18 % cables & pipelines

0,1 % coastal defence

4 % nature conservation

1,9 % coastal recreation

264 %
TOTAL CLAIM FOR SPACE
(potential use of space based on legislation)



The Master

The Erasmus Mundus Master Course on Maritime Spatial Planning (EMMCMSP) is a **two-years advanced professional master program**, in which three high-rated European universities participate.

Students will familiarize themselves with key issues involved in **policies formulation** and **planning strategies for maritime space**, to improve the management of resources from an environmental, economic, social and legal perspective within the framework of Maritime policies.

- **Analysis**
- **Multidisciplinary**
- **New professional figure**
- **“Learning by doing”**



The Master aim

The aim of the **EMMCMSP** is to prepare students to become specialists, providing a **multi-disciplinary background**, to enable them to operate both in public institutions as well as independent professionals or researchers.



As specialists they will have the **know-how in planning**, in designing and **evaluating projects and policies**, which consider terrestrial, coastal and marine dimensions. The course will provide the ability to **manage decision processes** towards an adaptive and integrated approach.

The Consortium welcomes **major professional entities from the coastal, marine and maritime** sectors as associated partners who are involved in teaching, research and planning activities.



The Master aim

Knowledge and understanding

- **Describe, analyze and evaluate** the most important MSP experiences
- Know how to **characterize legal systems** that insist on maritime space
- **Identify and evaluate issues** (logistics, environmental, legal and economic)

Applying knowledge

- **Represent and qualify** the relevant aspects of a specific maritime context
- **Describe and evaluate economic rationality** behind marine uses
- **Structuring and addressing a planning issue** in an integrated cognitive framework
- **Problem solving**



The Master aim

Assessment skills

- **Assess the critical elements and conflicts** that arise in a maritime space
- **Develop scenarios and strategies**
- **Choose and apply functional evaluation methods and planning tools** appropriate to the issues and the context

Communication

- Know how to **communicate the knowledge acquired** to specialists and non-specialists in the field

Learning

- **Plan the use and management of spatial information systems and decision-making tools;**
- **Identify and describe systems, technologies and tools** for monitoring marine and coastal environments



Who?



Francesco MUSCO

Associated Professor at the Department of Design and Planning in Complex Environments of IUAV University of Venice. Dean of the Erasmus Mundus Master Course on Maritime Spatial Planning.



Juan Luiz VIVERO

Professor of Marine Geography at the Department of Human Geography of the University of Seville.



Helena CALADO

Researcher at the Research Center in Biodiversity and Genetic Resources and Professor at the Biology Department of University of the Azores

Elena GISSI

Assistant professor and researcher at the Department of Design and Planning in Complex Environments of IUAV University of Venice.



Pablo FRAILE

Assistant professor at the Department of Human Geography of the University of Seville.



Ana COSTA

Assistant professor at the Department of Biology of University of the Azores.



Where?

I Semester: Universidad de Sevilla (Spain)



II Semester: Universidade dos Açores (Portugal)



III Semester: Università Iuav di Venezia (Italy) - Coordinator

I
- - -
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A
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V

IV Semester: Internship Placement

What?

- **Multidisciplinary**
- Networking
- Scholarships
- **Methodological Interaction**
- Knowledge Transfer
- **Crossed-thematical Analysis**

CODE	TITLE	ECTS
MPEs	MARITIME PLANNING EXPERIENCES: ISSUES AND LESSONS	6
LAW	LEGAL FRAMES: LAW, RULES AND REGULATIONS	5
GEO	MARITIME GEOGRAPHY AND ECUMENE OCEAN	12
ENV	MARINE AND COASTAL ENVIRONMENT	14
USES	USES AND ACTIVITIES: RESOURCES, MARINE USE PATTERNS AND ENVIRONMENTAL CHANGES	15
STRATEGIES	SCENARIOS AND STRATEGIES OF INTEGRATED PLANNING	14
GIS	SPATIAL ANALYSIS, MAPPING AND MODELLING	12
INTERNSHIP	INTERNSHIP	12
THESIS	THESIS	30

The Scholarships



ERASMUS MUNDUS
MASTER COURSE ON
MARITIME SPATIAL PLANNING

Scholarships from the European Union

Non-EU students: € 42.000 total per person

EU students: € 33.600 total per person

The Network

-  **5** INTERNATIONAL UNIVERSITIES
-  **20** ASSOCIATED PARTNERS
-  **60** STUDENTS FROM
27 COUNTRIES
-  **40** INTERNATIONAL INTERNSHIPS



PARTNERS

1. UNIVERSITY IUAV OF VENICE
2. UNIVERSITY OF SEVILLA
3. UNIVERSITY OF AZORES



ASSOCIATED PARTNERS

- | | | |
|---|--|--|
| <ol style="list-style-type: none"> 1. CNR/ISMAR 2. CORILA 3. CCMAR - UNIVERSIDAD DO ALGARVE 4. HELCOM 5. IOC/UNESCO 6. MARVIVA FOUNDATION 7. NORDREGIO | <ol style="list-style-type: none"> 8. UNIVERSIDADE DO PORTO 9. SOUNDSEAS 10. UNIVERSITY OF RHODE ISLAND 11. UNIVERSITY OF TURKU 12. WORLD OCEAN COUNCIL 13. CPPS 14. UNIVERSITY OF THESSALY | <ol style="list-style-type: none"> 15. UNIVERSITY OF QUEENSLAND 16. MEDSEA FOUNDATION 17. UNIVERSITY OF MALAYA 18. UNIVERSIDAD DE LAS PALMAS 19. UNIVERSITY OF GHENT 20. MARINE SCOTLAND |
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STUDENT'S COUNTRIES

-  HIGH PARTICIPATION
-  NETWORK

Thank you

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