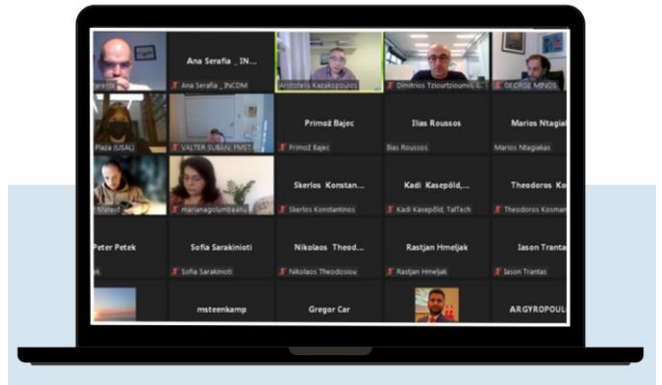






# HIGHLIGHTS

## First Day of (online) Classes



### SMARTSEA MSc on Smart Maritime & Surveying Systems

*Welcome back, students!*

YOUR TEACHERS WISH YOU  
A GREAT ACADEMIC YEAR  
AHEAD!



[HTTPS://WWW.SMART-SEA.EU/](https://www.smart-sea.eu/)

We opened our virtual classroom on 4th of October for the future Smart maritime & Surveying industry educators and professionals.

For the past few months teachers shared their vision, philosophies, teaching ideas and aims to design appealing lessons and create engaging learning opportunities.

Our teaching team, primarily composed of outstanding teachers, managers and researchers with various training background in maritime education, is fully enthusiastic to share and exchange their insights and know-hows.

## Meet the Teachers Semester 1



Prit Ruberg  
TalTech



Kalliopi Kravari  
IHU



Theodoros Kosmanis  
IHU



Mário Assunção  
ENIDH



Kadi Kasepold  
TalTech



Dimitris Tziourtzioumis  
IHU



Alexandros Charitonidis  
IHU



George Minos  
IHU



Valter Suban  
FMTS



Pedro Teodoro  
ENIDH



Panagiotis Maroulas  
CT



João Parente  
ENIDH



Margus Muur  
TalTech



Razvan Mateescu  
NIMRD



## E-learning platform

**SMARTSEA**

Latest announcements  
13 Oct, 10:41  
General Informations  
Lecture TSI 4 on Wednesday, October 13th POSTPONED  
7 Oct, 21:52  
Transfer to Koper  
Modified Timetable of the first teaching period  
Other topics ...

Available courses

**SMARTSEA Teachers' Contact Information**  
In this section you can find each SMARTSEA teacher's contact information.

**TSI.1 Maritime Control Systems**  
The course will focus on the analysis of the marine

The academic curriculum of the SMARTSEA project is composed of twenty four (24) courses appropriately divided into two time periods, named as first timeslot and second timeslot. All of the courses, including the intermediate projects will use the e-Learning platform to store the teaching materials, assign tasks, monitor progress, evaluate the participants, connect the experiments/demonstrator, provide deployment & mobility information and act as a remote teaching aid.

Course experiments are designed to be accessed remotely using this platform, enabling students to control and collect data. Video tutorials & live streaming of experiments provide the students with an interactive tool with the course material (lectures & experiments) and also with each other. The platform also provide publicly available materials on the programs & the course and provide the users an opportunity to post news, discuss in a forum and eliminate the need for additional/external communication tools such as e-mails and chats, task lists and calendars.

## Every lesson counts!

Do you think the course of maritime environment is important within the SMARTSEA programme?

**Smart city**

**Machine learning**

**Decision trees**  
In this case, all input data is moved from the top node to the bottom node, and it is classified in one of the leaves that no longer have children (terminal nodes).  
By optimizing the selection of nodes a decision is needed, being used to use the Gini index, the maximum entropy, the classification error, etc.

**Decision trees showing the prediction of playing or not playing tennis**

**Divine navigation**

**Marine Surveyor Qualification**

- Highly educated person with excellent knowledge (at least Bachelor).
- Professional qualification (Master Marine, Ship's Engineer, Naval Engineer, ...).
- Additional specialised training (usually within an institution), before starting the job.
- Examination (international, internal, external, ...).
- Certification (international, internal, external, ...).

## News and Events

### 16th June 2021

University of Ljubljana members represented the SMARTSEA consortium at the Maritime Administration in Koper where the project's aims and objectives were presented to the interested professionals from the Port of Koper, Slovenia (<https://www.smart-sea.eu/?p=835>)

### 8th October 2021

SMARTSEA consortium members participated online to the **International Conference on Distributed Computing and Artificial Intelligence DCAI 2021**, where a special session was dedicated to the SMARTSEA Project (<https://www.smart-sea.eu/?p=839>)

### 28th October 2021

In the frame of the Black Sea Action Day, on 28th of October 2021, NIMRD partner represented SMARTSEA consortium at the online **Workshop: Blue Growth Initiative for Research and Innovation in the Black Sea** (<https://www.smart-sea.eu/?p=831>)





## Consortium

The consortium consists of six universities: University of Salamanca-BISITE Research Group, University of Ljubljana, International Hellenic University, Maritime University of Szczecin, Tallinn University of Technology, Escola Superior Náutica Infante D. Henrique, one research centre (National Institute for Marine Research and Development Grigore Antipa), two SMEs: Cerca Trova Ltd, ECQA GmbH and three environmental surveying and shipping companies: Creoclean, RINA Hellas SA, Danaos Shipping Company Ltd.



[smart-sea.eu](http://smart-sea.eu)



[linkedin.com/company/smartseamsc](https://www.linkedin.com/company/smartseamsc)



[bit.ly/2K9yLQW](https://bit.ly/2K9yLQW)



[bit.ly/3bntd0u](https://bit.ly/3bntd0u)



[twitter.com/smartsea\\_msc](https://twitter.com/smartsea_msc)



[instagram.com/smartsea.msc](https://www.instagram.com/smartsea.msc)

### Project Coordinator

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