

**EUMeTrain Marine Course - 2025**  
**1<sup>st</sup> Announcement – Save the Date!**



*Photo by Ben Mack (pexels)*

We are pleased to announce the 6<sup>th</sup> Marine Satellite Course organized by EUMeTrain in cooperation with EUMETSAT and Eumetcal, scheduled between **31<sup>th</sup> March and 4<sup>th</sup> April 2025**. The course will be in a classroom format, preceded by a short asynchronous on-line course preparation, and will take place in Lisbon, at the headquarters of the Portuguese Institute for the Sea and Atmosphere (IPMA). It will follow the Marine Weather Forecasters Competence Requirements set by WMO, namely focusing on the following three competencies:

- Analyse and monitor continually the marine weather situation;
- Forecast marine weather phenomena, variables and parameters;
- Warn of hazardous marine meteorological phenomena.

### **Audience**

The primary audience are operational marine weather forecasters across Europe. Applicants are expected to have firm understanding of i) satellite image interpretation at the WMO Basic Instruction Package for Meteorologists (BIP-M) level; ii) ocean and atmospheric models at the BIP-M level; iii) forecasting.

### **Training Goals**

The objective of the training is to meet the primary needs of the National Meteorological and Hydrological Services (NMHSs) by improving forecasters' skills in predicting the impact of marine phenomena on shipping and on offshore and inshore operations, thereby supporting the economic exploration of the marine environment and ensuring the safety of life at sea.

### **Content scope**

To meet the learning objectives students will learn about:

1. Winds in the marine environment
2. Scatterometer wind observations
3. Ocean waves theory and model outputs
4. Altimeter ocean waves observations
5. Marine Fog
6. Severe marine weather conditions

**Logistics**

Participants are requested to bring their own laptops for performing practical activities throughout the course.

**Registration**

Registration is free and will be open from September to November 2024. The list of accepted participants will be announced in the first half of December 2024. There will be support for a limited number of registrations for travel, accommodation and per diem, upon request.

**Number of participants**

The number of participants is limited to 22.