

**EUMeTrain Marine Course - 2022**  
**1<sup>st</sup> Announcement – Save the Date!**



We are pleased to announce the 5<sup>th</sup> EUMETRAIN Marine Course that will be held between **24<sup>th</sup> October and 7<sup>th</sup> December 2022** in cooperation with EUMETSAT and Eumetcal. The course will be held on-line, both in synchronous and asynchronous modes. It will follow the Marine Weather Forecasters Competence Requirements set by WMO, namely focusing in 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 is the community of operational marine weather forecasters across Europe. Knowledge is assumed in 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 training aims to satisfy the primary needs of the National Meteorological and Hydrological Services (NMHSs) to have forecasters who are competent in forecasting the effect of marine phenomena on shipping, offshore and inshore operations in order to support economic exploration of the marine environment and 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

### **Registration**

Registration is free and will be open during April and May 2022.

### **Number of participants**

The number of participants is limited to 25.