

**Terms of reference - *Expert Team on Wind Waves and Storm Surges***

The Expert Team on Wind Waves and Storm Surges (ETWS) shall:

- (a) Provide advice to Members/Member States on the development of real time operational forecast capability for wind waves and storm surge, as part of marine multi-hazard warning systems, to enhance their capacities to issue more accurate, consistent and timely operational forecast products;
- (b) Develop technical advice and guidance material on wind wave and storm surge modelling, forecasting and service provision as part of marine multi-hazard warning systems, including coastal inundation modelling, forecasting and risk assessment, and provide assistance and support to Members/Member States as required;
- (c) Provide advice to Members/Member States on the development of capability to provide marine multi-hazard warning services, with special attention to least developed countries and small island developing States, through capacity-building activities;
- (d) Provide advice to Members/Member States on the development of wind wave and storm surge climatology and indices as a measure of risk assessment for marine coastal hazards;
- (e) Ensure effective coordination and cooperation with other WMO and appropriate Global Ocean Observing System bodies, particularly on requirements for, and implementation of, wind wave and storm surge data, products and services.

As a general principle, these terms of reference will be implemented through specific, defined, time-limited projects.

**General membership**

The membership will consist of a core membership of up to eight members, four each representing the subject areas of waves and storm surges, including the chairperson, selected to ensure an appropriate range of expertise in both areas.

Additional experts may be invited as appropriate, representative of a range of activities related to wind waves, storm surges and coastal marine hazards, including coastal inundation, on a self-funded basis, and in general with no resource implications to JCOMM.