

**CONSIGLIO NAZIONALE DELLE RICERCHE
ISTITUTO DI SCIENZE MARINE**



CICLO DI SEMINARI

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Data

**A high-resolution hindcast archive for the atmosphere,
the wave field and the water level in the
North Sea and the Norwegian Sea**

Professor Øyvind Breivik



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Short Abstract

Øyvind Breivik is head of division for Oceanography and Marine Meteorology at MET Norway. He has been professor at the University of Bergen since 2016. He has more than 25 years of experience in numerical modelling of the ocean and the wave field and extensive experience with air-sea interaction and wave climate research. He was involved in coupling the wave and ocean model components at the European Centre for Medium-Range Weather Forecasts and led the Copernicus-funded WaveFlow project, which aimed to model the impact of wave-mean flow interaction on the upper ocean. His group has published extensively on marine wave, wind and storm surge climate and applications of wave-mean flow parameterisations as well as oceanic trajectory modelling for oil, search and rescue and other substances.