

SEMINAR

THE SEA OF NAZARÉ AND THE COASTAL OCEAN CHALLENGES

NAZARÉ, JANUARY 23, 2025 (14h00 – 17h00)
Municipal Library José Soares

INITIATIVE "COASTAL OCEAN SYNERGIES BETWEEN
NORWAY AND PORTUGAL" (COSYNOPT – FBR/12)
BILATERAL FUND - EEA Financial Mechanism 2014-2021

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Initiative Promoter



Partner



INSTITUTE OF
MARINE RESEARCH

Stretching from the coast to several tens of kilometers offshore, the coastal ocean is the marine domain where most sea-related human activities are concentrated. It is also through it that coastal populations and habitats receive the influences, positive or negative, of ocean basins. Knowing and predicting the coastal ocean are two essential requirements for the informed management of ecosystems and resources in that region, for supporting the Blue Economy or for protecting coastal communities and habitats during crisis situations. But only possible if supported by a sustained and comprehensive observation capacity, a challenging task view the great diversity of natural phenomena and the constant human presence, two essential characteristics of this marine domain.

With the sea of Nazaré as a backdrop, the Seminar "The Sea of Nazaré and the Challenges of the Coastal Ocean" aims to bring together Portuguese and Norwegian researchers in a sharing of experiences on the challenges facing the observation of the coastal ocean and on the new strategies and technologies that aim to face these challenges.

The Seminar will be held within the framework of the initiative "Coastal Ocean Synergies between Portugal and Norway" (COSYNOPT – FBR/12), funded by the Bilateral Fund of the European Economic Area (EEA) Financial Mechanism 2014-2021

Program

14:00 - 14:10 Opening of the Seminar

Part I: The Nazaré Canyon area of influence – laboratory of excellence to study the coastal ocean.

14:10 -14:25 A complex and energetic physical environment

João Vitorino – Instituto Hidrográfico (Portugal)

14:25 – 14:40 The influence of the Nazaré Canyon on coastal geodynamics

João Duarte – Instituto Hidrográfico (Portugal)

14:40 – 14:55 Chemical Oceanography – the influence of the Nazaré Canyon

Gonçalo Gomes - Instituto Hidrográfico (Portugal)

14:55 – 15:10 Title to be provided latter

Clara Rodrigues - Universidade de Aveiro (Portugal)

15:10 – 15:30 New approaches and new technologies in the observation of the Nazaré Canyon

Inês Martins, João Vitorino – Instituto Hidrográfico (Portugal)

Speaker to be confirmed

15:30 - 16:00 – Coffee Break

Parte II: The Norwegian coastal ocean.

16:00 - 16:15 Mapping bottom habitats for spatial management

Lene Buhl Mortensen – Institute of Marine Research (Noruega)

16:15 - 16:30 Monitoring of Seafood Safety and Environmental condition

Monica Sanden – Institute of Marine Research (Noruega)

16:30 - 16:45 AI in monitoring the Coastal Zone

Cristian Munoz – Institute of Marine Research (Noruega)

16:45 - 17:00 Discussion and final conclusions

17:00 Closure of the Seminar