



WORKSHOP THEME 5

SUSTAINABLE MARINE ECOSYSTEMS AND THE CIRCULAR ECONOMY IN THE BLUE GROWTH

15th of November

D. Maria Hall | 14h30 – 18h00

To fulfil the requirements and feed the descriptors established by the Marine Strategy Framework Directive (MSFD) it is indispensable to count on environmental monitoring systems and oceanic observatories. The availability of such infrastructures is particularly relevant in a climate change studies and contributes to the early detection and monitoring of risks such as oil and other hazardous spills.

Marine ecosystems are also threatened by the abundance of litter in seas and oceans, which is a global concern affecting worldwide. Plastic waste management has recently become a hot topic with a growing social awareness. The solution should tackle the underlying problem by adopting circular economy dynamics, avoiding waste by recycling and reusing materials in the first place. Meanwhile specific measures must be taken to mitigate the harm caused by already discarded plastics that drift away or concentrate in certain areas like beaches. Tools based on meteorological observations and numeric models can also offer a powerful support to remediation when damage has already occurred.

Programme

14h30

Session 1: Ocean observation and risk management in the marine environment

Moderator: Silvia Torres, CETMAR

Rapporteur: Silvia Piedracoba, CETMAR

Presentations by:

- HazRunoff - Integration of sensing and modelling technologies for early detection and follow-up of hazmat and flood hazards in transitional and coastal waters
Ramiro Neves, Instituto Superior Técnico de Lisboa
- MarRisk: Improving the resilience of coastal areas Galicia-North Portugal
Juan Taboada Hidalgo, Meteogalicia – Consellería de Medio Ambiente e Ordenación do Territorio, Xunta de Galicia

- The future of RAIA Observatory (Oceanographic Observatory of the Iberian margin)
Luisa Bastos, CIIMAR
- Weather and ocean weather forecasting products useful for port management, navigation, pollution control and the management of expectations in coastal tourism
José Manuel Castanheira, DFis & CESAM, Universidade de Aveiro

15h45

Coffee break

16h15

Session 2: Marine litter and circular economy in the marine industry

Moderator: Marisa Fernández, CETMAR

Rapporteur: Luis Gómez, CETMAR

Presentations by:

- CleanAtlantic project: Tackling marine litter in the Atlantic Area
Patricia Pérez, CETMAR
- Oceanwise project: Wise reduction of EPS (expanded polystyrene products) marine litter in the North-East Atlantic Ocean
Carlos León, Sustainability Innovation, S.L.
- “A PESCA por um MAR SEM LIXO” project
Carla Fernandes Tabaio, Docapesca
- Plastics in the Circular Economy
Luísa Magalhães, Smart Waste Portugal

17h15

Debate and Identification of 2030 Sea Challenges: Sustainable marine ecosystems and the circular economy in the blue growth