

## First Capitalisation Workshop

*Designing the future system of observing systems  
to assess and address threats to the Mediterranean marine  
ecosystem*

*State-of-the-art, needs and future direction*

*Webinar: 14-15th December, 2020*

DAY 2 (15<sup>th</sup> December 2020)

### Roundtable 2

Design of a transnational joint observing system of systems; available technologies and tools; how to monitor the coastal domain at the ecosystem level

**Dr K. HILMI**

**Research Director (INRH - Morocco)**

**karimhilmi15@gmail.com**

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**Q1:** How we highlight the importance of national observing systems as a key component in the evolving European Ocean Observing System? Which are the key actions needed to really support national systems and build common observation strategies that fit a comprehensive cross-boundary joint effort to observe the sea at the scale of detail that we need?

**Q2:** Copernicus funds only essential observations at the regional seas scale. EMODnet receives data without supporting data producers. On the hand data in coastal areas is not supported well and coastal observations are not yet embraced in long term observation strategies? Where are we on this and how can things change?

**Q3:** How can we really modify the mentality of how to do observations together. We are still much working individually in our research groups, or trapped behind institution based or specific project funding targets. When we meet in conferences we are still highlighting individual achievements, but not yet geared or readily planning to share resources and experiences to really do observations together? What can make such a paradigm shift happen?



ODYSSEA



AGIR  
ASSOCIATION DE GESTION  
INTEGRÉE DES RESSOURCES

**Q1: How we highlight can the importance of national observing systems as a key component in the evolving European Ocean Observing System? Which are the key actions needed to really support national systems and build common observation strategies that fit a comprehensive cross-boundary joint effort to observe the sea at the scale of detail that we need?**

- The ODYSSEA observatory in Al Hoceima, Morocco will contribute to the development and operation of the interoperable and cost-effective platform that fully integrates networks of observation and forecasting systems throughout the Mediterranean basin, addressing both the open sea and the coastal
- for the first time the platform will receive its data from the numerous databases managed by AGIR, and the public authorities and institutions of a South Mediterranean and non-EU country, integrating these facilities and existing Earth observation networks in the Mediterranean region.
- High-priority gaps will be addressed through multiple approaches, including the development and implementation of the Al hoceima marine observatory, through the deployment of new in situ sensors at sea (including microplastic sensors), oceanographic modeling and the integration of existing mobile applications for citizen scientist networks.
- <http://odysseaplatform.eu/>



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 727277.

# SHAREMED

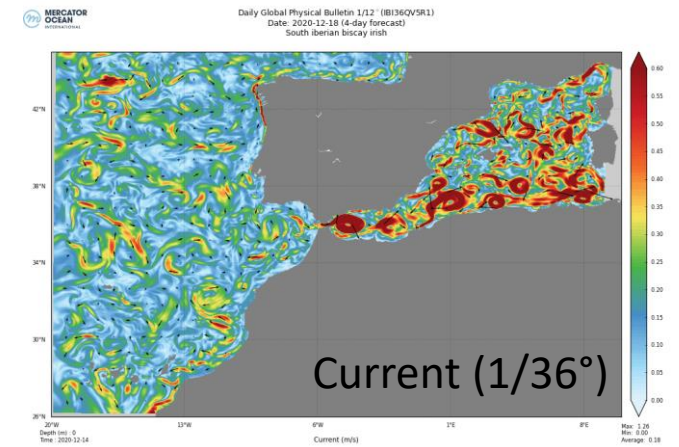
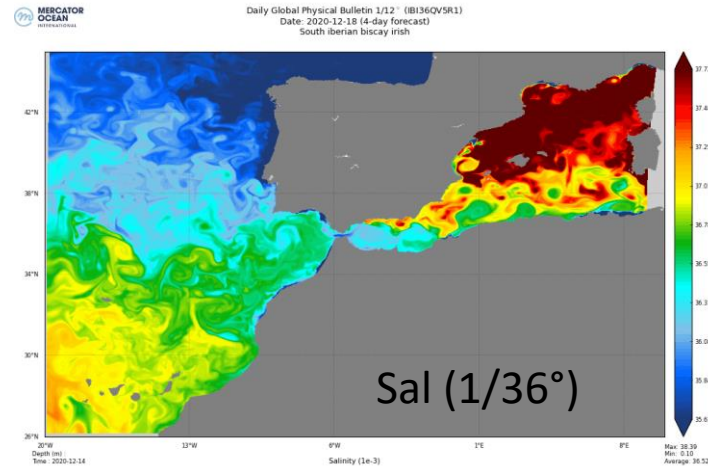
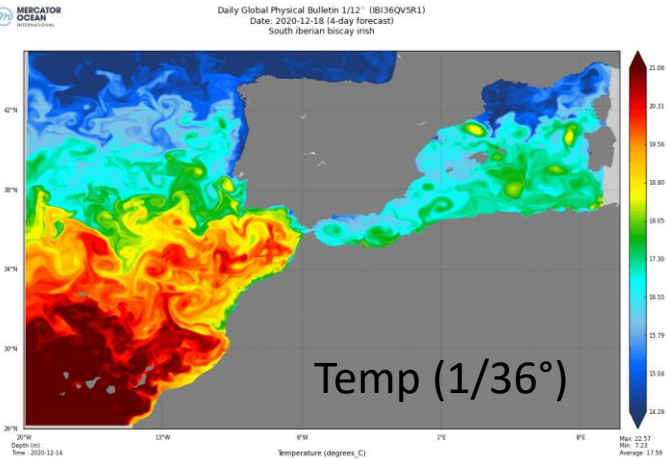
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The European Union (EU) and Morocco signed yesterday (Tuesday 8th December) an administrative arrangement on cooperation in marine research and innovation, as part of the Alliance for Atlantic Ocean Research.

This Administrative Arrangement sets common objectives and areas of cooperation in marine research and innovation in the context of the Atlantic Research Alliance. It also aims to strengthen the networking of scientific activities between Moroccan research structures and their counterparts in countries bordering the Atlantic Ocean, in order to take advantage of the opportunities offered by international cooperation in a transatlantic context.

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Thank you for your attention