

# SASEMAR: EFFECTIVE RESPONSE NEEDS THE MOST ACCURATE DATA



## USE CASE OVERVIEW



When every second counts while preparing for those crucial first minutes of an emergency response at sea, the key question of Search and Rescue (SAR) operators is: which ocean current prediction should I trust to define the optimal search area? IBISAR downstream service addresses the user's major concern by allowing them to visualise, compare and evaluate the performance of different ocean current predictions available in its area and period of interest.

The Spanish Maritime Safety and Rescue Agency (SASEMAR) is the main target user of the service and has actively collaborated during the development of IBISAR, by sharing information about their real needs, collaborating in promotional activities and providing highly valuable feedback. SASEMAR acknowledges the efforts made in the context of IBISAR to advance towards the development of ocean model skill assessment services, addressing one of their overarching concerns: the accuracy of the predictions.

## BENEFITS FOR USER

- Allocate resources effectively.
- Easy interpretable metrics
- Minimise response time
- Regularly updated and extended database
- Single access point
- Support preparation of response at sea

## COASTAL MONITORING



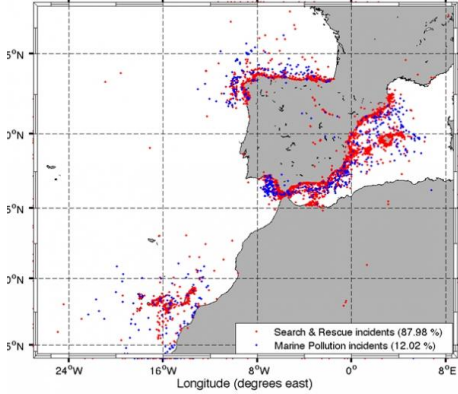
SAFETY  
& DISASTER



## FACTS AND KEY NUMBERS



SAR and marine pollution incidents coordinated by SASEMAR - 2019



SASEMAR is among the most significant end-users of reliable met-ocean information in Spain and it has played a key role in the development of the IBISAR service.

- Over 1300 Spanish SAR professionals.
- 19 Maritime Rescue Coordination Centres + 1 national Centre.
- 4 SAR responsibility areas: covering 8.000 km of coastline and 1.500.000 km<sup>2</sup> of marine surface.
- 123 people assisted on an average day in 2019.
- Almost 5.000 vessels assisted in 2019.
- + 200 Mill.km<sup>2</sup> maritime surface monitored in 2019.

## CMEMS PRODUCT IN USE



IBISAR service portfolio includes ocean predictions from different global, regional and coastal models as well as surface currents from high-Frequency radars and satellite-tracked drifter trajectories.

- Product in use 1
- Product in use 2
- Product in use 3
- Product in use 4

## CMEMS USER



SASEMAR is the Spanish state agency in charge of maritime traffic control, Search and Rescue (SAR) operations, marine environmental protection and training. It forms part of the Ministry of Transport, Mobility and Urban Agenda. The Jovellanos Center is the training center of SASEMAR, also in charge of research and development activities in these fields.

More information here



### Contact

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SASEMAR

[www.salvamentomaritimo.es/#](http://www.salvamentomaritimo.es/#)



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## COPERNICUS MARINE SERVICE

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