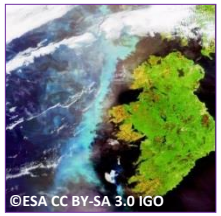
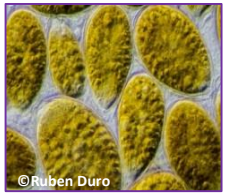
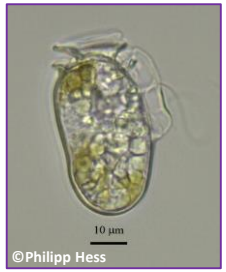
CoCliME

Co-development of Climate Services for adaptation to changing Marine Ecosystems

European Research Area for Climate Services







Harmful algal blooms, marine biotoxins and pathogens, and marine microbial biodiversity can be markedly influenced by climate change and have direct impacts on human health (food-borne poisoning and water-quality related health disorders), economic prosperity (fisheries, aquaculture, tourism) and social wellbeing (recreation).

The CoCliME project will co-develop and co-produce bespoke, proof-of-concepts or prototype marine ecosystem climate services and a transferable framework for climate services development, to support informed decision making relevant to climate change-related ecological and socio-economic impacts across different coastal regions (Atlantic, Baltic, Black, Mediterranean, North and Norwegian Seas case studies). To achieve these objectives the CoCliME consortium brings together a transdisciplinary team of natural and social scientists, decision makers, and users of climate services that will dynamically interact to identify common and priority climate change-related vulnerabilities and solutions across these six European regional seas.

This marine ecosystem climate service framework will further feed into mechanisms such as the UN Sustainable Development Goals, Marine Strategy Framework Directive, Marine Spatial Planning, national monitoring and reporting requirements, and climate adaptation planning to ensure the protection and sustainable use of Europe´s marine and coastal ecosystems for future generations.

★ CoCliME Regional Sea Case Study

● CoCliME Partner

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