

Sentinel-3 products for detecting EUtROphication and Harmful Algal Blooms in the French-English Channel (S-3 EUROHAB).



Activity C.4: A report on the Final Symposium of S-3 EUROHAB held at Océanopolis, Brest, France on 22nd September 2022.

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Summary.

The Final Symposium for the S-3 EUROHAB project was held at the Oceanopolis Aquarium, Brest France on 22 September 2022. The Symposium showcased the project results and the final version of the Web Alert System and highlighted how it can enhance and improve the management and monitoring of Harmful Algal Blooms and poor Water Quality in the French-English Channel. The event was attended by 20 people from research, monitoring, water agency, health agency, Fisheries, Fishery management and academic sectors.

Twelve presentations on results from the project were delivered. These were on 'An Overview of Project', 'HABs Happenings an overview of Good Environmental Status & Harmful Algal Blooms, their impacts and incidents'; 'Occurrence and drivers of *Pseudo-nitzschia* and *Dinophysis* around the Bay of Seine'; 'The Impact of changing environment on phytoplankton community'; 'Environmental conditions affecting the interannual variation in Diarrheic Shellfish Poisoning (DSP) along the south-west coast of the UK'; 'Dynamics, Phenology, Niche Transport and dispersion of *Phaeocystis globosa* in the French-English Channel'; 'Application of S-3 EUROHAB web alert to fisheries'; 'Addressing socioeconomic issues of HABs- towards a system approach'; 'Socio-economic impacts of HABs in the UK through value chain analysis - the case of South Devon and Cornwall (UK)'; 'Socio-economic impacts of HAB in the French Channel - A focus on the fishing industry'; and 'Regional assessment of economic impacts of HABs in the French English Channel'.

Following a networking lunch there was a demonstration of the S-3 EUROHAB Web Portal Alert System. After this, round table feedback from the stakeholders was provided on how useful the web alert system is to end user businesses and organizations, what other data (either in situ and satellite) could we provide to aid the monitoring of HABs and how the system can be improved.