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TAPAS NEWSLETTER

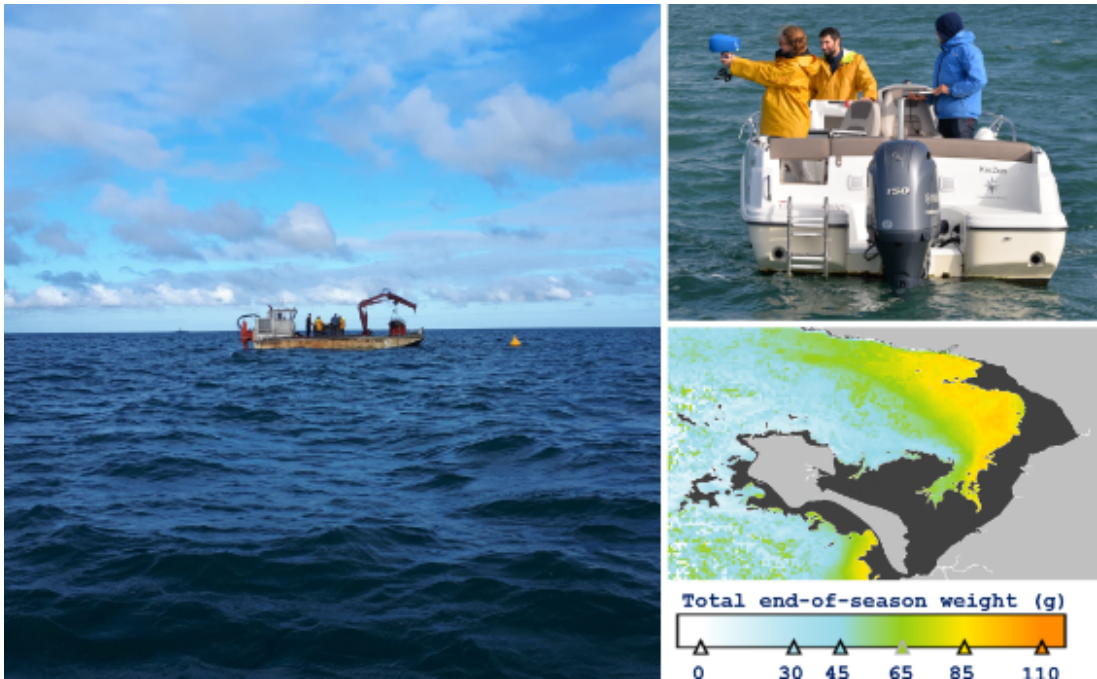
Issue no.6



TAPAS is developing models for semi-extensive and extensive pond systems

The near-field environmental models of nutrients dynamics are being developed as part of Workpackage 5 by the University of Stirling, and being validated using data collected by SZIU. They will be used to evaluate carrying capacity and production potential within the different pond systems. [Watch video...](#)

TAPAS experiments and project work



Supporting fish farmers in use of bivalve aquaculture!

Assessing the feasibility of moving bivalve aquaculture to new offshore sites as well as integrating novel species into future cultivation. [Read more...](#)



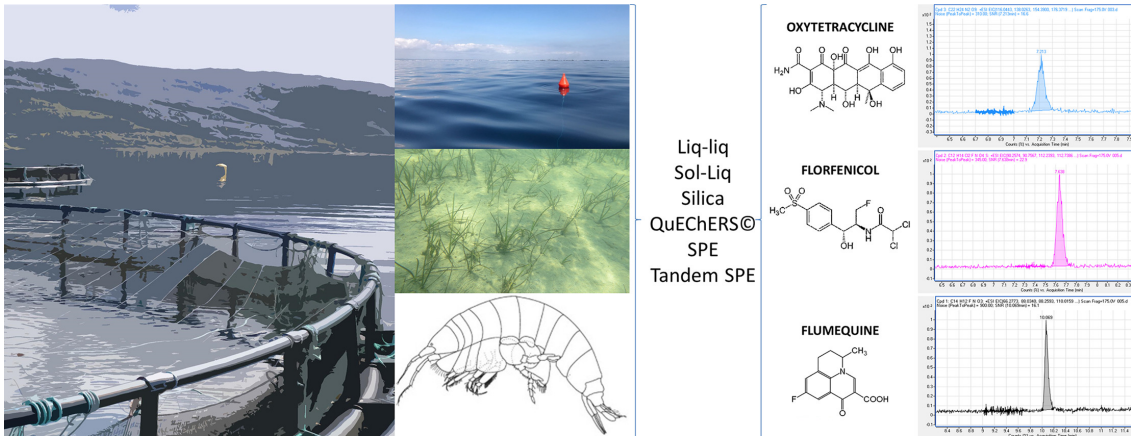
Analysing the effect of the residual antibiotic content of the manure

Within the Hungarian Case Study 85 water samples and 51 sediment samples have been collected along with 8219 specimens from 31 species. [Read more...](#)



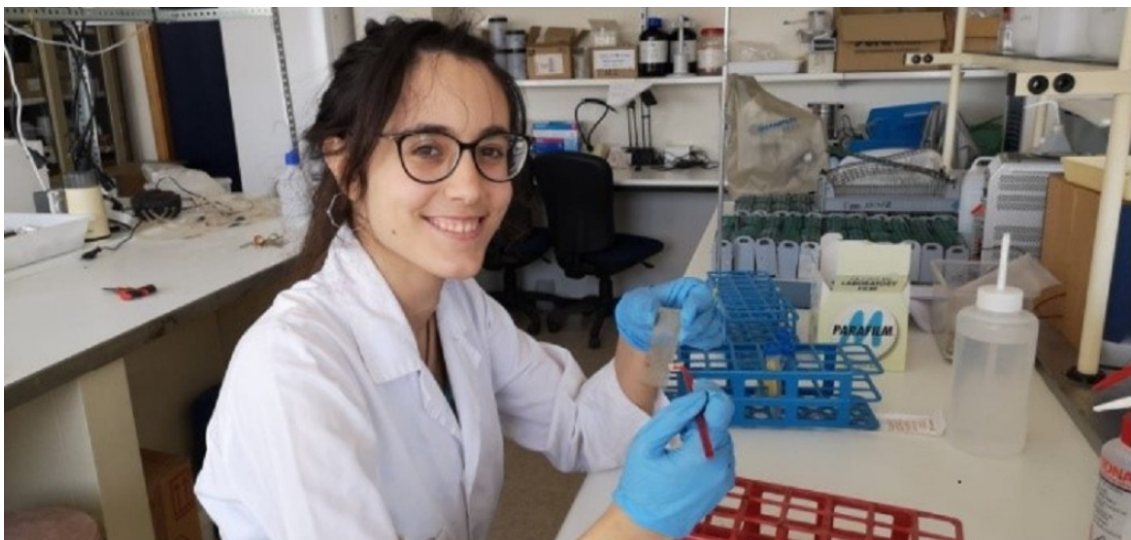
Integrating maps for growth modelling of oyster cultivation!

TAPAS team is using satellite image data of the Bourgneuf Bay to integrate maps of various factors that affect the potential and productivity of oyster cultivation into growth modelling. [Read more...](#)



Assessing the ecotoxicological risks posed by antibiotics

IMDEA Water has published an optimized analytical method for the analysis of antibiotics in marine samples. [Read more...](#)



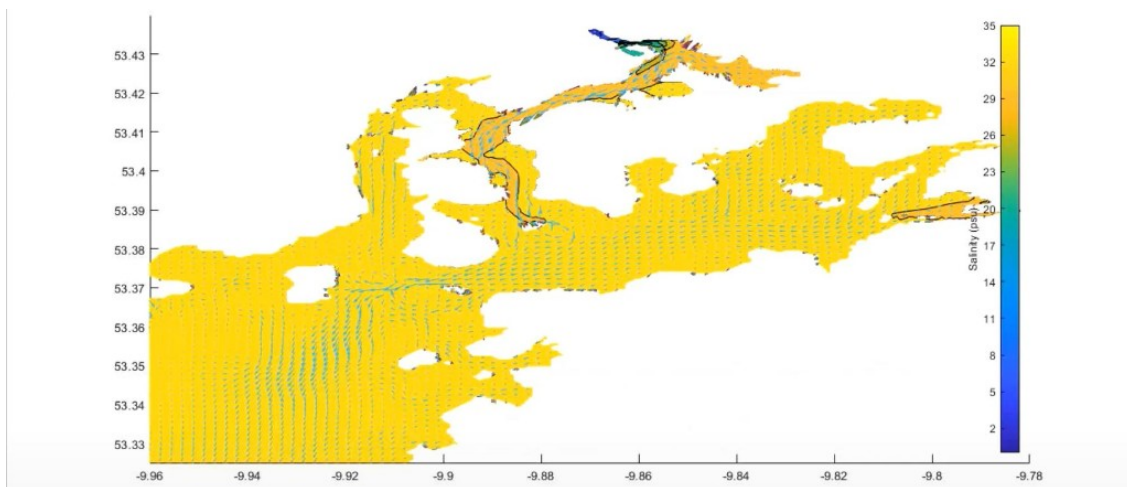
Diatom biofilms could evaluate potential threats of antibiotics!

University of Murcia successfully investigated the effects of antibiotics oxytetracycline and flumequine on antibiotic bioaccumulation, photosynthetic activity and ecological structure of diatom communities. [Read more...](#)



TAPAS assesses Integrated Multi-Trophic Aquaculture (IMTA)

TAPAS team assess the trade-offs and possible synergies between aquaculture and ecosystem services seeking to improve the environmental sustainability of European aquaculture. [Read more...](#)



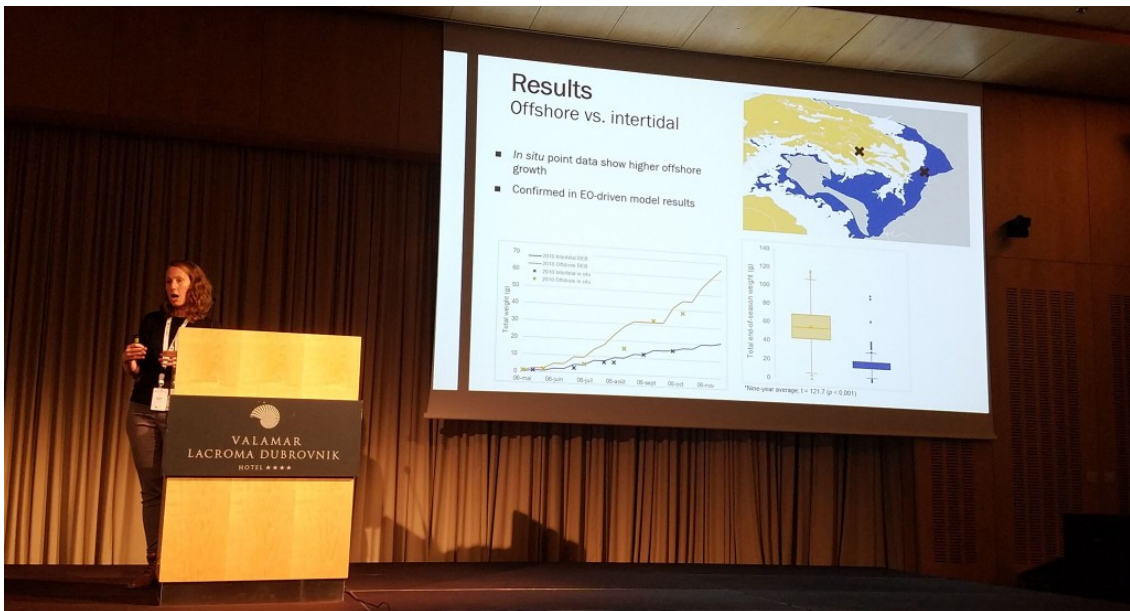
Evaluating alternate polyculture farm practices on ecosystem services and sustainability

View our new TAPAS video created by the Marine Institute in Ireland introducing their case study on Integrated Multi-Trophic Aquaculture system (IMTA). [Watch video...](#)



Developing models for Integrated Multi-Trophic Aquaculture (IMTA) systems
Anastasios Baltadakis, TAPAS funded PhD student at the University of Stirling is evaluating and developing models for marine cage aquaculture systems. [Watch video...](#)

Conferences and meetings



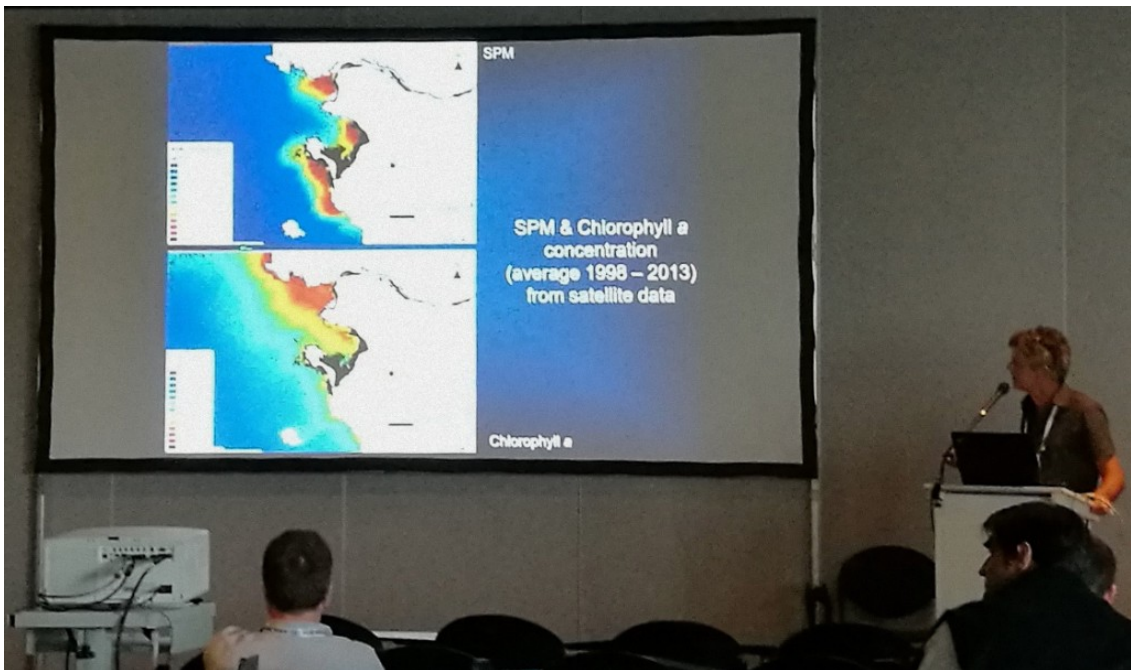
New TAPAS results presented at the Ocean Optics Conference

The TAPAS project has been introduced to the international research community at Ocean Optics XXIV conference in Dubrovnik, Croatia. [Read more...](#)



TAPAS introduction on the 11th Sea Tech Week!

Trevor Telfer, TAPAS project coordinator from University of Stirling, participated in a plenary session on the 11th Sea Tech Week between the 8th and 12th of October in Brest, France. [Read more...](#)



TAPAS outreached to more than 100 countries at AQUA18 Montpellier!

TAPAS project results have been presented at AQUA18 event in Montpellier, France. More than 3000 participants from 109 countries attended to this year's scientific conference. [Read more...](#)

TAPAS partners



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