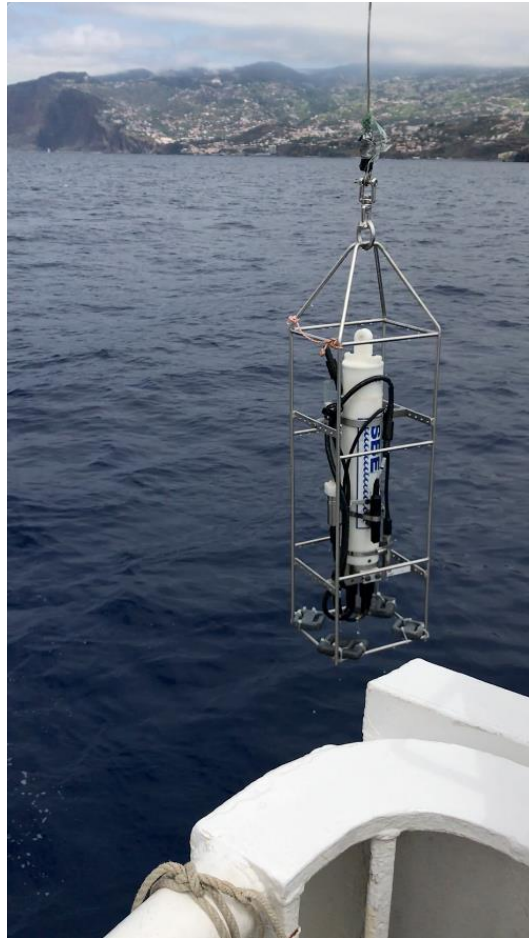


iFADO project Newsletter #1



Enhanced in situ monitoring for MSFD

Sampling trip bring together iFADO partners in Madeira

On 19th June 2018, as an activity included in [iFADO](#) WP4 (Enhanced in situ monitoring for MSFD), a team from the University of Madeira undertook a sampling trip off the south coast of Madeira Island, in order to establish the planned regular monitoring site. This activity was kindly supported by the Ocean Observatory of Madeira together with the Portuguese Hydrographic Institute onboard NRP Auriga. [Read more](#)

iFADO supports publication of research data

A new paper published in the journal Remote Sensing

The paper entitled *Accuracy Assessment of Primary Production Models with and without Photoinhibition Using Ocean-Colour Climate Change Initiative Data in the North East Atlantic Ocean*, published in the open-access journal *Remote Sensing* (volume 10, issue 7, page 1116) and co-authored by Professor Vanda Brotas ([Universidade de Lisboa](http://www.fc.ul.pt)),

was supported by [iFADO](http://www.ifado.eu) project, among other funding sources. It describes the accuracy of several Primary Production models that are commonly used in the literature. Full article is available [here](#).

Please access [here](#) for more information



remote sensing



Article

Accuracy Assessment of Primary Production Models with and without Photoinhibition Using Ocean-Colour Climate Change Initiative Data in the North East Atlantic Ocean

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Received: 09 June 2018; Accepted: 09 July 2018; Published: 12 July 2018

Abstract: The accuracy of three satellite models of primary production (PP) of varying complexity was assessed against 95 in situ ¹⁴C uptake measurements from the North East Atlantic Ocean (NEA). The models were run using the European Space Agency (ESA), Ocean Colour Climate Change Initiative (OC-CCI) version 3.0 data. The objectives of the study were to determine which is the most accurate PP model for the region in different provinces and seasons, what is the accuracy of the models using both high (daily) and low (weekly) temporal resolution OC-CCI data, and whether the performance of the models is improved by implementing a photoinhibition function? The Platt-Sathyendranath primary production model (PP_{PSM}) was the most accurate over all NEA provinces and, specifically, in the Atlantic Arctic province (ARCT) and North Atlantic Drift (NADR) provinces. The implementation of a photoinhibition function in the PP_{PSM} reduced its

Participation in the Sea Tech Week

iFADO highlighted at the Sea Tech Week in Brest, France



During the period of the 3rd General Meeting of [iFADO consortium](#), in Brest, the project participated in the Sea Tech Week (8th-12th October).

The Project participation was assured in two ways. First, in a dedicated booth during the whole duration of the event, coordinated by the partner [Pôle Mer Bretagne Atlantique](#). Second, during a presentation on 9th October, in a panel discussion with various actors of the MSFD, where were discussed the challenges of marine surveillance, existing solutions and the need for innovation.

This was an excellent opportunity to disseminate the project among a specialised audience and increase the international visibility of the work that is being done.

This event was focused on marine bioresources, intending to cover a broad sweep from resource characterisation and production to economic development. Its main objective was to spotlight all the latest technologies on offer in these different fields of application.

For additional information please consult <http://www.ifado.eu/brest-hosted-ifadoproject-activities-during-one-week/>

iFADO Kick-off Meeting in Lisbon

iFADO partners joined in Lisbon for the project Kick-off Meeting



The project [iFADO](#) (Innovation in the Framework of the Atlantic Deep Ocean), funded by the European Interreg Atlantic Area program, aims to create marine services at regional and sub-regional scale using the EU Atlantic Waters as a case study. The Kick-off Meeting of iFADO was held on 14th-15th November 2017, in the congress centre of the Instituto Superior Técnico – University of Lisbon, the institution that leads the project. This meeting comprised 20 partners from Portugal, Spain, France, United Kingdom and Ireland, and allowed the presentation of the project objectives, as well as all the work-packages and activities that will be performed during the project lifetime (4th November 2017 – 3rd November 2021).

More [details](#)

2nd General Assembly of partners

iFADO partners met in Gran Canaria for the biannual meeting



During the 2nd General Assembly of partners of the project (Las Palmas, 15th-16th May 2018), hosted by [PLOCAN](#) – Oceanic Platform of the Canary Islands, the consortium assessed the technical and management advances tackled in the course of the first six months, based on the tasks and objectives established in the project work plan.

Additional information [here](#)

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