

Outils d'aide à la décision

Le projet PADDLE compte parmi ses objectifs une réflexion sur les outils d'aide à la décision dans le domaine de la PSM.



◀ **Philippe Fotso** docteur dans le cadre du projet PADDLE (WP3) travaille sur les conditions légales pouvant encadrer les processus de PSM. Ces travaux visent à déterminer si la juridiction des processus de PSM pourrait servir à favoriser une PSM plus éthique et respectueuse de l'environnement marin.

Renforcement des collaborations

La plupart des partenaires PADDLE sont déjà interconnectés et ont développé des partenariats au Brésil et en Afrique de l'Ouest depuis plusieurs années. Sur la base de ces fondations, le projet vise à étendre et renforcer les collaborations trans-atlantiques entre les partenaires et Etats bordant l'Atlantique tropical.

Plusieurs projets ont été acceptés cette année grâce à la dynamique créée par le projet PADDLE.

LMI TAPIOCA

Tropical Atlantic Interdisciplinary laboratory on physical, biogeochemical, ecological and human dynamics

- Funding agency: IRD
- Period: 2018-2022
- Geographical area: Brazil and western tropical Atlantic
- Budget: 40 k€/an
- PIs: Moacyr Araujo (UFPE) and Arnaud Bertrand (IRD)

Summary: The LMI TAPIOCA is organised along two interconnected Axes. The first Axis 'Observing ocean structure and dynamics along-scale' will provide knowledge about the ocean structure. The second Axis 'Occupation of space by marine organisms and fishers using natural and artificial tags' will document how organisms and fishers move within this ocean space. Modelling over a variety of forms (conceptual, statistical, numerical) is transversal in TAPIOCA. Furthermore capacity building and the development of new discipline (e.g. ecosystem acoustics) are central in TAPIOCA.

Main Partners: France (IRD research units MARBEC, LEGOS, LEMAR, LOCEAN); Brazil: Universidade Federal de Pernambuco (UFPE) and Universidade Federal Rural de Pernambuco

AGENDA

Du 3 au 7 septembre 2018, le projet Paddle organisera une école d'été sur les « Tropical MSP ». Celle-ci aura lieu à Brest. Plus d'infos suivront bientôt.



summer school
2018

SMAC

Topical Marine Spatial Planning

- Funding agency: CAPES-COFECUB
- Period: 2018-2021
- Geographical area: Northeast Brazil
- Budget: 200 k€
- PIs: Flavia Lucena-Frédou (UFRPE) and Arnaud Bertrand (IRD)

Summary: The objective of the SMAC project is to facilitate the development of an integrated approach to the assessment of tropical marine ecosystems. SMAC aims at providing information, knowledge and tools for maintaining ecosystem health as well as populations in particular artisanal fishermen. More generally, this project which finances scientific exchanges, aims at consolidating Franco-Brazilian cooperation in the field of marine sciences and the training of human resources in emerging and innovative fields for both countries. SMAC is intimately linked to the PADDLE project.

Main Partners: France (Research Unit MARBEC and LEMAR); Brasil: Universidade Federal de Pernambuco (UFPE) and Universidade Federal Rural de Pernambuco

ExManCoast

Exchange of organic matter between mangroves and coastal waters

- Funding agency: internal ZMT funding (Program budget)
- Period: Feb. 2018 - Jan 2021
- Geographical area: Northeast Brazil
- Budget: 150 k€

Summary: As a case study for how mangrove forests balance nutrient- and organic matter-dynamics in and among connected coastal ecosystems, ExManCoast (Exchange of organic matter between mangroves and coastal waters) will combine field studies and laboratory experiments to investigate how the coastal vegetation and the associated benthic fauna of three sites in Northern/Northeastern Brazil drive the dynamics of nutrients and organic matter within the coastal ecotone. We will elucidate which plant and animal species are best suited for implementing an ecosystem that most efficiently controls nutrient- and organic matter-dynamics at North Brazilian coasts.