

# **Postdoctoral Fellowships**

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## **CALL FOR APPLICATIONS 2025 - FELLOWS**

**Supervisor** Laure Guillou

Supervisor page <a href="https://www.sb-roscoff.fr/fr/guillou-laure/182">https://www.sb-roscoff.fr/fr/guillou-laure/182</a>

**Host Institution** Sorbonne Université

https://www.sorbonne-universite.fr/en

Research Lab Adaptation and Diversity in the Marine Environment

https://www.sb-roscoff.fr/en/adaptation-and-diversity-marine-

environment

Research Team Ecology of marine plankton

https://www.sb-roscoff.fr/en/team-ecomap

# **Project Title**

Study of Protists in Sediments of Confined Coastal Environments: Role of Freshwater/Seawater Interfaces as Genetic Buffers and Refuges for Diversity

## **Project Description**

This project investigates protist diversity in the sediments of confined coastal environments, focusing on the freshwater/seawater interface. It explores these areas as genetic buffers and ecological refuges for protist populations, maintaining diversity in fragile ecosystems. The study aims to understand their role in ecosystem resilience and as genetic seed banks, essential for biodiversity conservation in the face of environmental changes.

## **Keywords**

marine plankton, confined coastal environment, sediment

## **Description of the Host Research Lab**

Ecology, evolution and environment constitute the triad of research at the Adaptation and Diversity in the Marine Environment (AD2M) research department. The main objective of the department is to study the populations, species and communities that populate the worlds' seas and oceans to understand their functioning, their diversity and their fate.