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Nationality: Española

Orientation: Ocean Observation and Global Change
Specialization Area: Ocean Observation
Research Area: 1.4 Biological Oceanography



PhD project: The importance of the mixing processes in the dynamics of phytoplankton proliferations

Supervisor: Dr. Enrique Nogueira (Spanish Oceanographic Institute)

Summary: The doctoral thesis is part of the REMEDIOS project. It will focus on the study of the dynamics of phytoplankton populations and their relationship with abiotic factors and processes of self-regulation (eg structure of the planktonic community), and in the study of the composition and diversity of the phytoplankton community , using classical microscopy techniques, also applying molecular techniques for the distinction of cryptic species of the genus *Pseudo-nitzschia*, and automatic analysis methods (cytometer-microscope type FlowCAM) coupled with image analysis techniques and automatic classification

Foto relacionada con el
tema de tesis