



MSCA

Marie Skłodowska-Curie Actions

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Postdoctoral Fellowships



CALL FOR APPLICATIONS 2025 – FELLOWS

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|-------------------------|--|
| Supervisor | Sakina-Dorothee Ayata |
| Supervisor page | http://www.normalesup.org/~ayata/ |
| Host Institution | Centre National de la Recherche Scientifique (CNRS) https://www.cnrs.fr/en |
| Research Lab | Laboratoire d'océanographie et du climat : Expérimentations et Approches Numériques https://www.locean.ipsl.fr/ |
| Research Team | Processus et interactions de fine échelle océanique https://www.locean.ipsl.fr/equipe/equipe-processus-et-interactions-de-fine-echelle-oceanique/ |

Project Title

Response of plankton functional diversity to climate change

Project Description

Marine plankton plays a central role in marine ecosystem functioning and global biogeochemical cycles. Its diversity and biogeography is highly sensitive to environmental variables. At the LOCEAN, we can provide expertise in analysing marine plankton data (using trait, imaging or omics data) and in modelling plankton ecosystems using statistical models (such as species distribution model) or dynamical model (biogeochemical models like PISCES), as well as in climate modelling.

Keywords

plankton, diversity, model

Description of the Host Research Lab

LOCEAN conducts studies on the physical and biogeochemical processes of the ocean and their role in climate in interaction with marine ecosystems. Its teams, widely recognized at international level, work on a wide range of spatial and temporal scales to gain a better understanding of ocean dynamics and variations within the climate system, as well as present, past and future trends. They also contribute to the development of analysis, modeling and observation methods, as well as to systematic ocean observation, both in situ and from space.

To submit your application, please send an email with the required documents to
msca-pf@sorbonne-universite.fr