



**MSCA**

Marie Skłodowska-Curie Actions

*Developing talents,  
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## Postdoctoral Fellowships



### CALL FOR APPLICATIONS 2025 – FELLOWS

<b>Supervisor</b>	Delphine Dissard
<b>Supervisor page</b>	<a href="https://scholar.google.com/citations?user=asb7wTAAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=asb7wTAAAAAJ&amp;hl=en</a>
<b>Host Institution</b>	Institut de Recherche pour le Développement (IRD) <a href="https://en.ird.fr/">https://en.ird.fr/</a>
<b>Research Lab</b>	Laboratoire d'océanographie et du climat : Expérimentations et Approches Numériques <a href="https://www.locean.ipsl.fr/">https://www.locean.ipsl.fr/</a>
<b>Research Team</b>	Variabilité à long terme du climat et de l'océan <a href="https://www.locean.ipsl.fr/equipe/equipe-variabilite-a-long-terme-du-climat-et-de-locean/">https://www.locean.ipsl.fr/equipe/equipe-variabilite-a-long-terme-du-climat-et-de-locean/</a>

#### Project Title

Geochemical signatures in marine carbonates (corals and foraminifera) as paleoclimatological proxies of tropical environments: process, calibration and application

#### Project Description

To overcome the lack of long-term instrumental records of T, pH, metals etc, geochemical proxies preserved in the carbonate skeleton of coral cores, or foraminifera from sedimentary cores, provide a unique tool to produce high-resolution time-series allowing to reconstruct changes in seawater environmental parameters over time. These reconstructions help track environmental changes/pollutants, but also are key to evaluate the validity of climate change scenarios for region like SWPacific Ocean.

#### Keywords

geochemical proxies, foraminifera, corals

#### Description of the Host Department

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](mailto:msca-pf@sorbonne-universite.fr)