



MSCA

Marie Skłodowska-Curie Actions

*Developing talents,
advancing research*

Postdoctoral Fellowships



CALL FOR APPLICATIONS 2025 – FELLOWS

Supervisor	Hélène Chepfer
Supervisor page	https://www.lmd.polytechnique.fr/~chepfer/
Host Institution	Sorbonne Université https://www.sorbonne-universite.fr/en
Research Lab	Laboratoire de Météorologie Dynamique https://www.lmd.ipsl.fr/en/home-2/
Research Team	Dynamique et Physique de l'Atmosphère et de l'Océan https://www.lmd.ipsl.fr/en/equipe/team-dpao/

Project Title

Clouds and Climate with EarthCare space mission

Project Description

EarthCARE satellite collects global simultaneous observations of cloud, aerosol, light rain and snow profiles together with solar and thermal radiation since summer 2024.

The candidate is invited to explore climate science open questions using EarthCare new cutting-edge observations.

Keywords

clouds, aerosols, precipitation, radiation, space lidar and radar

Description of the Host Research Lab

The LMD studies climate, pollution and planetary atmospheres by combining theoretical approaches, instrumental developments for observation and numerical modelling. It is at the forefront of research on the dynamic and physical processes enabling the study of the evolution and forecasting of meteorological and climatic phenomena. Thanks to its history, the quality of its staff, the tools at its disposal, the diversity of its skills and the support of its supervisory bodies, the LMD has developed a scientific project for the 2014-2018 period which takes into account the expected developments in terms of observation (particularly space) and modelling, but also the internal dynamics that drive the laboratory. The laboratory is clearly positioned both on fundamental research on the processes, dynamics and physics of the atmosphere and climate, and on finalised research, particularly on questions relating to the anticipation of global warming and its consequences.

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