



MSCA

Marie Skłodowska-Curie Actions

*Developing talents,
advancing research*

Postdoctoral Fellowships



CALL FOR APPLICATIONS 2025 – FELLOWS

Supervisor	Vincent Thieu
Supervisor page	https://sites.google.com/site/thieuvincent/
Host Institution	Sorbonne Université https://www.sorbonne-universite.fr/en
Research Lab	Environment, transfers and interactions in soils and water bodies https://www.metis.upmc.fr/en
Research Team	Biogeochemistry https://www.metis.upmc.fr/en/node/104

Project Title

Combining remote sensing and in-situ measurements to improve biogeochemical modelling of greenhouse gas emissions from reservoir-lakes

Project Description

The post-doctoral project is part of a 4-years research action on the biogeochemical functioning of reservoir-lakes. It aims at combining new products derived from high spatial resolution satellite imagery, in-situ spectral and physico-chemical measurements (high frequency, vertical and longitudinal profiles) to better understand certain biogeochemical processes still poorly constrained in our process-based models with a specific focus on greenhouse gas emissions.

Keywords

remote sensing, aquatic systems, biogeochemical modeling

Description of the Host Research Lab

METIS was created in January 2014, from the former Sisyphe research unit and a smaller group coming from the BioEMCo research unit. Our unit is mainly active in the research domain of "continental surfaces", working on water, nutrients and contaminants circulation in environments that can be strongly impacted by Mankind as well as much valuable resources.

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