

# PostDoc (m/w/d) Atlantic Ocean Mesoscale connectivity

## Background

As part of the EU Horizon 2020 research initiative, the Laboratoire Météorologie Dynamique – IPSL in Paris received funding to support a postdoctoral fellowship for three years.

## Tasks

You will independently conduct studies with available observations (satellite and *in situ* including those acquired during the project) and ocean modeling to investigate, as part of the EU-Horizon2020 project TRIATLAS (Tropical and South Atlantic - climate-based marine ecosystem prediction for sustainable management; <https://triatlas.w.uib.no>), the structure and role of ocean mesoscale dynamics. The focus will be on the potential connectivity and interactions between and among different regions of the Atlantic ocean basin. For this study, we will use available ocean observations (from research cruises, Argo floats, ocean gliders, XBTs, drifters and satellite data) together with recently developed analyses techniques to identify mesoscale processes and develop a phenomenological understanding to help ocean and coastal management of resources. You are also expected to analyze and interpret the ocean numerical model results, present findings at project workshops and international conferences, and publish in recognized journals.

## Requirements

- PhD degree in Physical Oceanography or a related discipline
- expert knowledge in handling ocean observations and/or numerical models

## Additional skills and knowledge

- expertise in finite-element ocean modeling and Antarctic oceanography including sea-ice physics
- excellent skills in English,
- a high level of self-motivation

## Further Information

For further information please contact **Prof. Sabrina Speich** ([Sabrina.Speich@lmd.ens.fr](mailto:Sabrina.Speich@lmd.ens.fr)). The position is available from March 1st 2020. The place of employment will be **Paris**.

## This characterizes us

- our scientific success - excellent research.
- collaboration and cooperation - intra-institute, national and international, interdisciplinary.
- opportunities to develop – on the job, aiming at other positions and beyond our institute.
- an international environment – everyday contacts with people from all over the world.
- having an influence – fundamental research with social and political relevance
- flat hierarchies – freedom and responsibility.
- exciting topics – also in technology, administration and infrastructure.

Equal opportunities are an integral part of our personnel policy and we encourage women to apply. Disabled applicants will be given preference when equal qualifications are present.

## We look forward to your application!

Please forward your application by **March 1st, 2020** to [sabrina.speich@lmd.ens.fr](mailto:sabrina.speich@lmd.ens.fr).