

Postdoctoral position in Geography
“Ocean Multi-Use and Marine Spatial Planning”
Nantes (France), 24 months

As part of the Multi-Frame¹ project – Assessment Framework for successful development of viable ocean multi-use systems ('Ocean 2018' call of the Belmont Forum, JPI Oceans and Future Earth), the LETG lab (University of Nantes and CNRS, France) offers a 2-year postdoc contract for outstanding recently graduated PhDs in Geography or related disciplines.

Multi-Frame project

While human activities at sea are expanding, ocean multi-use (MU) may likely reduce spatial pressures, create new opportunities for socio-economic developments and have environmental benefits. But currently there is not much knowledge available on its impacts on the economy and the marine environment. Existing approaches for managing marine space and assessing impacts are also still focused on single-use planning. Multi-Frame encourages the increased and sustainable application of the ocean MU concept to ultimately contribute to a more efficient and sustainable use of ocean resources.

The Multi-Frame project aims to increase the knowledge base and capacity of actors for ocean MU systems, by providing concrete open source tools, assessment results and best practice examples. Results are expected to inform relevant actors and encourage them to systemically consider the concept in their marine planning practices and to streamline it in relevant ocean policies. As part of the project, five multi-use scenarios will be developed in 5 case study areas: Sweden, United States, Mozambique, France and Norway. The co-development approach will involve a wide range of public, private, research and community actors.

The project has been launched in June 2020 for 3 years (2020-2023).

The project partners are:

- s.Pro-sustainable projects GmbH (Germany, lead partner),
- University of Rhode Island (United-States),
- Royal Institute of Technology in Stockholm (Sweden),
- Eduardo Mondlane University (Mozambique),
- University of Nantes (France),
- Møreforsking Ålesund AS (Norway),
- Federal University of Santa Catarina (Brazil)
- SUBMARINER Network for Blue Growth EEIG (Germany).

The French partner of the project is funded by ANR (French National Research Agency).

Your role

The University of Nantes will lead WP1 (baseline investigation), WP3.1 (reviewing existing assessment approaches) and WP5.2 (transferability). WP1 is dedicated to baseline investigation: definition of multi-use (literature review, webinar), building of project database (MU solutions, case studies, MU assessment methods) and managing an external review. Among other contributions to WPs, the University of Nantes will contribute to WP4 (case studies) by bringing materials regarding the French case study (North of the Bay of Biscay, involving fisheries, aquaculture, tourism and offshore windfarms).

As postdoctoral researcher, you will be expected to work closely with the French PI (Brice Trouillet; <https://www.univ-nantes.fr/trouillet-b>) to coordinate research efforts on WP1, WP3.1 and WP5.2, work collaboratively with other WPs researchers, participate to seminars and project meetings, develop and publish

¹ <https://www.belmontforum.org/projects/> and <https://www.submariner-network.eu/multi-frame>

scientific articles, participate to reporting for the French funder (ANR) and for the Belmont forum, contribute to other WPs as appropriate, and plan the data management. You will also contribute to stakeholder engagement, spatial analysis (French case study) and dissemination efforts in the case study area. This may entail conducting interviews, and/or focus group meetings for the purpose of case study implementation. With regard to dissemination, activities may entail the preparation of presentations and posters, and contribution to the project newsletters.

Your profile

Recently, you have successfully completed a PhD in Geography or in related disciplines (GIS science, Spatial Planning, Social sciences, Environmental sciences...) with:

- Very good skills in GIS and data management
- Excellent skills in scientific communication (written and oral)
- Good knowledge in human and environmental geography (an expertise on human activities at sea and marine spatial planning may be appreciated but is not mandatory)
- Willing to work in transdisciplinary and multicultural environments (a foreign experience would be an asset)
- Ability to work in English, and ideally also in French (if not, a willing to learn French would be much appreciated)
- Team working skills.

Your prospective employer

With 38000 students and 3800 employees (faculties and staff members), the University of Nantes is a major place for higher education and research in France (<https://english.univ-nantes.fr/>). Foreign students and researchers benefit a service that helps to settle in Nantes (<http://www.nantes-chercheur.org/en/>). The city of Nantes is itself one of the most vibrant French cities (<https://www.nantes-tourisme.com/en>). Nantes is the 6th largest city in France, located near the Atlantic coast and connected by TGV trains to Paris (2hrs). Nantes also has an international airport (<https://www.nantes.aeroport.fr/fr/inspirations-destinations/liste-des-destinations>).

The LETG lab is a joint research lab of the French National Centre for Scientific Research (CNRS) and different universities in the West of France (including Nantes). It gathers about 160 members including PhD students. In Nantes, the lab has 40 members. LETG develops research in coastal and marine geography as well as in geomatics (<https://letg.cnrs.fr/>).

LETG is settled in the 'campus Tertre' (IGARUN building), located in the north of the city along the river Erdre in a quiet and green environment: <https://www.univ-nantes.fr/plans-des-campus/>. This campus can be reached by a 10-15 min bicycle ride from downtown.

Further information

Salary: around 2500€ gross per month (on a full time basis (35 hrs/week) and 9 weeks off/year)

Duration: 2 years

Candidates should submit the following documents to Brice.Trouillet@univ-nantes.fr before July 10, 2020:

- Letter of motivation in English or French
- Curriculum vitae in English or French (diplomas, publications...)
- Copies of diplomas/records of transcript
- Two letters of recommendation in English or French.

We expect to hire in early September 2020.