Postdoctoral Position on the effects of climate change on Arctic benthic coastal communities – European H2020 Project FACE-IT

Laboratoire d’Océanographie de Villefranche (LOV) - Sorbonne Université - Centre National de la Recherche Scientifique (CNRS), France
Duration 30 months. Full time position, 2500 - 3400 € (gross)
Deadline for application: 15 February 2021 - Start date: Spring 2021

Contacts: Steeve Comeau (steeve.comeau@obs-vlfr.fr); Frédéric Gazeau (f.gazeau@obs-vlfr.fr)

Description: The Laboratoire d’Océanographie de Villefranche (LOV) – Sorbonne Université invites applications for a postdoctoral position on the effects of climate change on Arctic benthic coastal communities. This is a 30 months position fully funded by the H2020 project FACE-IT (2020-2024; https://www.face-it-project.eu/) “The future of Arctic coastal ecosystems - Identifying transitions in fjord systems and adjacent coastal areas”. This project aims to study the future of Arctic coastal ecosystems, more specifically the impacts of ice loss, warming, and freshening on coastal benthic communities. FACE-IT brings together researchers from 14 institutes, including LOV-Sorbonne University. We seek a motivated marine biologist to conduct (1) perturbation experiments on benthic communities in ex-situ mesocosm and (2) in-situ measurements of benthic community metabolism using a gradient flux approach. The successful candidate will have broad knowledge on marine organism physiology, benthic ecology, and biogeochemistry. The candidate will work in an international setting and will be responsible for leading the field work in remote areas. He/She will work in close collaboration with the task leaders F. Gazeau and S. Comeau. This position will involve extended field work for periods up to 3 months in Spitsbergen and northern Norway.

Location: This position will be based at LOV, Villefranche-sur-mer, France. LOV is a leading French oceanographic laboratory. It is a joint research unit of CNRS and Sorbonne University. It is internationally known in the fields of biogeochemistry, global environmental change, marine optics, ecology/physiology and microbial ecology.

Requirement: The ideal candidate will have:
1) A PhD in Marine Biology or Marine Biogeochemistry
2) Experience with field work and/or perturbation experiments
3) Knowledge on carbonate chemistry
4) Experience with macro-algal communities
5) Knowledge on gradient flux or eddy covariance approaches

The application should be sent to Steeve Comeau (comeau@obs-vlfr.fr) and Frédéric Gazeau (gazeau@obs-vlfr.fr) before 15 February 2021. Candidates are invited to send a curriculum vitae including a complete list of publications, a motivation letter, as well as contact information of three references.