

CURRICULUM VITAE

Dr. Laurent Brodeau

Senior Scientist at Ocean Next, Grenoble, France.

Laurent Brodeau holds a Ph.D. in physical oceanography, he is an expert in GCM (General Circulation Model) modeling on supercomputers, air-sea interactions, the forcing function of ocean GCMs, inter-coupling of GCM components, and ocean-atmosphere coupling. Throughout his career, he has gained a strong expertise in using NEMO, the European ocean circulation model, as well as EC-Earth (a coupled climate model used in the assessment reports of the IPCC) . Laurent Brodeau has been contributing to the development of NEMO for a decade and has been part of the NEMO developer Committee since 2014. Prior to joining Ocean Next in 2017, Laurent Brodeau has been employed at the Barcelona Supercomputing Center (BSC), Spain. There, his main achievement has been to develop and test the 15-km-resolution version of EC-Earth (PRIMAVERA H2020 project).

According to Scopus Laurent Brodeau is author/co-author of 18 peer-reviewed publications for a total of 687 citations.