

Development and validation of the ARPEGE/OASIS/NEMO coupled model for the CMIP5 decadal prediction exercise

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The version of the various components is as follows: Arpege 5, OASIS 3, ORCA 1. The resolution of ARPEGE will be truncation T159 while that of ORCA will be 1 deg. The seaice model will likely be GELATO developed by David Salas at CNRM

The main objective of this project is to develop, test and implement a new version of the ARPEGE/OASIS/ORCA coupled model on various computing platforms. This version is to be used to perform the simulations which are required within the the decadal prediction exercise included in the WGCM CMIP5 set of experiments.