

Title: Sea ice modelling for CMIP6 with NEMO in the Met Office/UK HadGEM3/UKESM coupled model configurations

Ann Keen et al. (UKMO)

**Abstract:**

This talk will provide an overview of the way that sea ice is modelled within the HadGEM3/UKESM coupled physical/Earth system models developed at the Met Office and the wider UK. Details will be provided of the way that the CICE sea ice model is coupled with NEMO and the MetUM-JULES atmosphere-land models. Planned configurations to be run as part of CMIP6 will also be discussed.