



Operational Shelf Seas and Wave Forecasting at NCOF

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The National Centre for Ocean Forecasting is a strategic partnership between the Met Office, Plymouth Marine Laboratory, Proudman Oceanographic Laboratory, Southampton Oceanography Centre, and the Environmental Systems Science Centre at the University of Reading. The centre was opened in March of this year with a mission statement "To establish ocean forecasting as part of the national infrastructure". In line with this goal, the Shelf Seas and Wave group at the Met Office continues to update its operational model suites. New configurations of both the POLCOMS ocean model, and the Met Office's Wave model have been implemented this year. A relocatable version of POLCOMS is now available as a semi-operational system, while the POLCOMS-ERSEM biogeochemical model is being run at the Office in near real time. Existing and potential applications of these models will be highlighted during the presentation.