

## **Winter conditions in Icelandic Waters---Insights from OCCAM**

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Results from the global OCCAM model, developed at Southampton Oceanography Institute are used to study the average winter conditions in Icelandic waters. Comparing the model results with measurements shows some definite model deficiencies, especially in the Irminger Sea and the Iceland Basin, while the model seems to fair much better north of Iceland. The overall model results are however good enough to warrant using them to gain further insights into the area's oceanography, especially current structure and transport estimates. Some discussion of annual and inter-annual variability is also included. Results from the OCCAM model will also be used for initial and boundary conditions for further modeling studies at the University of Iceland.