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An Ensemble Iceberg Prediction Model

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Icebergs respond to ocean currents, winds, waves and other environmental forces. For operational iceberg forecasting, there are significant uncertainties in these forces as well as in the size, shape and location of the iceberg. In many ways this limits the use of a single deterministic iceberg forecast. We will show how an ensemble approach can be used to provide more useful information including a measure of uncertainty in the forecast.