



## Diagnostics of reanalysis

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As reanalyses become increasingly mature, there is a corresponding growth in the range of diagnostics that are being developed to assess their quality. The diagnostics serve a number of purposes that are not restricted simply to monitoring of the production process, or to assessing suitability of reanalysis output products for user applications such as climate monitoring, but also provide valuable feedback on the quality of observational datasets. Time permitting, this presentation will cover the latest developments in reanalysis diagnostics, including efforts to inter-compare and assess uncertainty.