

BoM development and use of ensembles in numerical weather prediction and applications

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Abstract

The Australian Bureau of Meteorology makes use of a variety of ensemble approaches for weather forecasting and applications that use weather inputs. BoM is running ACCESS-GE and ACCESS-CE global and convective-scale ensemble prediction systems for numerical weather prediction, versions of the corresponding UK Met Office MOGREPS-G and MOGREPS-UK systems. The ECMWF EPS and poor man's ensemble methods based on combination of deterministic forecasts are also used. This talk will be a short summary of the various ensemble systems and the methods they use.