



Progress in climate reanalysis

Dick Dee

ECMWF, Reading, UK

This presentation will provide a brief overview of recent progress and future developments in global model-based reanalysis for climate studies and climate services development. Several new global reanalysis productions have recently been completed, or are now in progress, at various institutions in Europe, the USA and Japan. Collectively these new datasets span longer time periods, offer higher spatial resolution, make use of newly recovered and reprocessed input observations, and are based on better models and data assimilation methodologies. Current research is aimed at developing consistent reanalyses of the coupled climate system, and further extending the usable data record from satellites as well as historic weather observations.