

Ensemble Kalman Filtering with JMA Numerical Weather Prediction Model

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Japan Meteorological Agency (JMA) has been developing a local ensemble transform Kalman filter (LETKF) for a possible operational use in numerical weather prediction (NWP). Ensemble Kalman filtering (EnKF) is an advanced data assimilation technique as well as a method to generate ensemble perturbations which represent analysis errors well. This presentation overviews recent developments of LETKF at JMA.