



Initial Ensemble Perturbations Using the Ensemble Transform Technique

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Initial perturbations, and their performance in ensemble forecasts will be compared using the breeding, the Ensemble Transform, and the Ensemble Transform Kalman Filter methods. The experiments are carried out using the National Centers for Environmental Prediction (NCEP) Global Forecast System (GFS). For the evaluation of the different schemes, a variety of performance measures will be used. The results will guide the selection of the system to be used operationally at NCEP in the future.