P162 Jonathan L. Case; ENSCO, Inc./NASA Short-term Prediction Research and Transition (SPoRT) Center; Huntsville, AL, and **ÅENSCO** Kristopher D. White; NOAA/NWS Huntsville Weather Forecast Office, Huntsville, AL 26th Conf. on Weather Analysis and Forecasting / 22nd Conf. on Numerical Weather Prediction 4 February 2014; Poster Session 2; American Meteorological Society 94th Annual Meeting; Atlanta, GA

- Noah land surface model (LSM) integration in LIS
- Southern Region

- ✓ Ensemble Kalman Filter (EnKF) or Direct Insertion (DI)
- ✓ Kumar et al. 2009 (*J. Hydromet*; soil moisture); Liu et al. 2013 (*Adv. Water Res*; snow)







Expansion of the Real-Time SPoRT-Land Information System for NOAA/National Weather Service Situational Awareness and Local Modeling Applications





