Future of THORPEX: why I am optimistic

There are many powerful ideas that EnKF makes possible, with great “small model” results:

- Model bias correction (Danforth et al., 2008)
- Model parameters estimation (Ruiz et al., 2012)
- Coupled ocean-atm. data assimilation (Singleton, 2011)
- Extracting more information from observations (Running in Place, RIP) (Yang et al., 2012, Penny et al., 2012)
- Finding the bad observations that lead to forecast failure in 24 hr (Kalnay et al., 2012, Ota et al., 2012)
- Assimilation of precipitation so that the model will remember (Lien et al., 2012)