

Automated High-Resolution Ensemble-Based Hazard Detection Guidance

Curtis Alexander, Isidora Jankov, and Trevor Alcott (OAR/ESRL/GSD, Boulder, CO)

The talk will describes work to expand a prototype ensemble post-processing system leading to an automated feature detection system to provide concise hazard guidance information for extreme precipitation and other significant weather events. This work will lead to the creation of forecaster tools that will facilitate the rapid interrogation of the myriad of available deterministic and ensemble model guidance.