

•McIDAS-V has been proven useful as a convection product validation tool, and a short-term forecasting and analysis tool.

80

# **Convective Storm Nowcasting Applications of McIDAS-V**

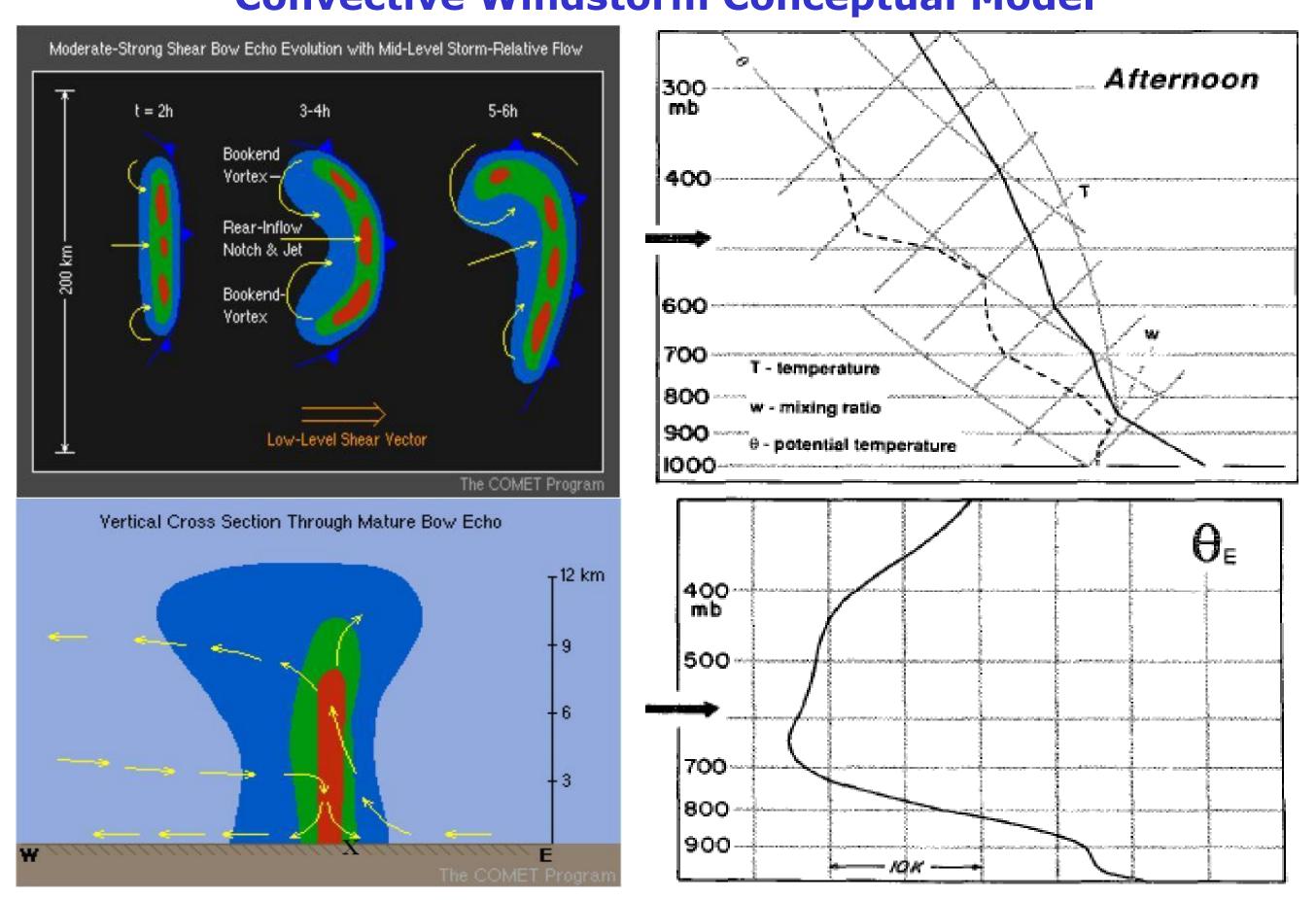
Kenneth L. Pryor

**Center for Satellite Applications and Research (NOAA/NESDIS), Camp Springs, MD** 

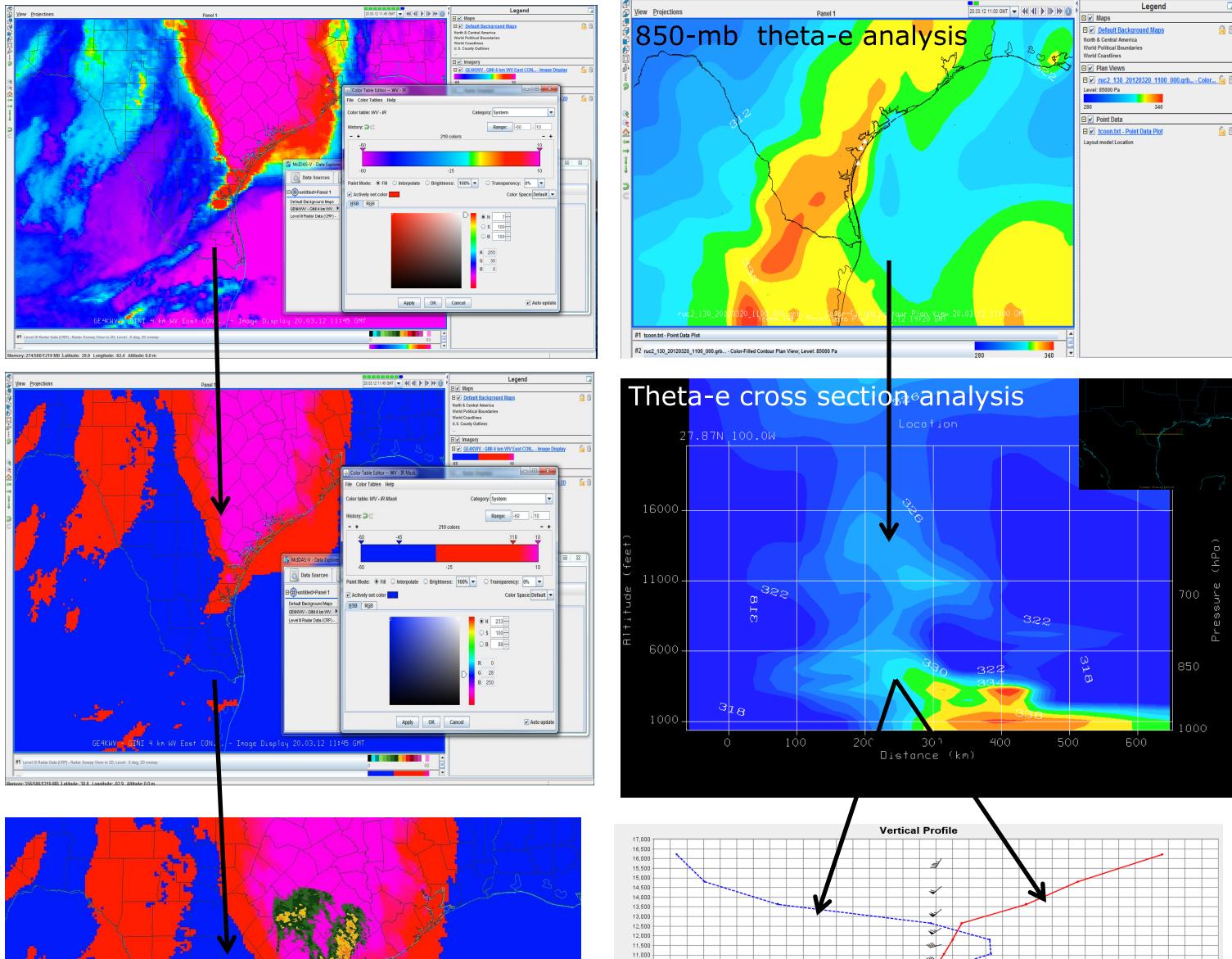
**Thomas Rink** 

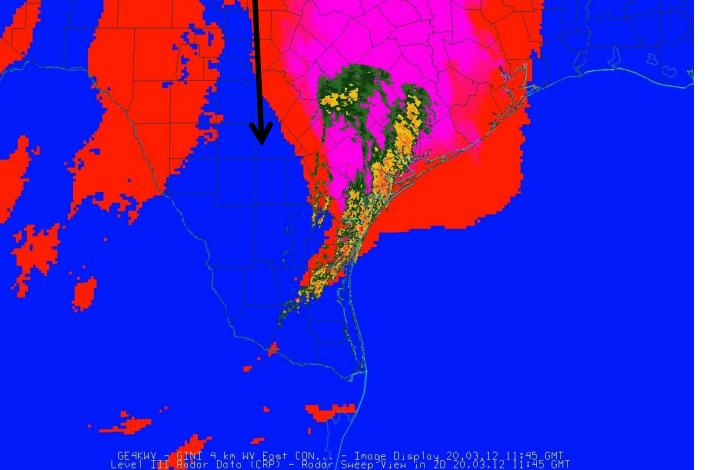
**University of Wisconsin Space Science and Engineering Center/ Cooperative Institute for Meteorological Satellite Studies (SSEC/CIMSS), Madison, WI** 

# 2. CASE STUDY OF McIDAS-V APPLICATIONS



### **Satellite Analysis GOES-13 4-km WV-IR BTD**





McIDAS-V allows for the visualization and analysis of convective storm forecasting parameters. The color table editor can be applied to generate convective cloud mask images for pattern recognition. Transects (cross sections) and vertical profiles support preconvective environmental analysis and parameter evaluation.





## **NWP Model Analysis RUC 13-km Theta-e**

