

**SSEC/CIMSS  
Seminar**

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**Further Development and  
Applications of the  
NCDC HURSAT and UW/NCDC  
Hurricane Intensity Datasets**

The newly constructed NCDC HURSAT product comprises an unprecedented archive of hurricane-centered digital images from the global network of geostationary satellites. The data span the period 1978 to present, and have undergone reanalysis and rigorous recalibration with the goal of creating a homogeneous record that could be exploited in studies of trends in hurricane activity. In this presentation, I will briefly discuss a few aspects of the HURSAT record, and will introduce new datasets – such as the UW/NCDC record of satellite-based hurricane intensity estimates – that have been constructed from the HURSAT data and applied in various hurricane studies. The scope of the studies is quite broad, ranging from hurricane / climate variability and trend studies, to the development of operational tools for real-time forecasting.

**Wednesday, 11 June 2008**

**11:00 a.m.**

**Room AOSS 351**