

Testbed Roundup

An Update on The Joint Hurricane Testbed (JHT)

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Abstract

New forecasting tools, techniques and model advances, developed by the research community were tested and evaluated at the National Hurricane Center (NHC) and the Environmental Modeling Center (EMC) facilitated by the Joint Hurricane Testbed (JHT). The sixth round (FY11-13) projects were tested and evaluated during the 2013 hurricane season, following any necessary technique modifications or other preparations. These projects completed their funding cycle and are being evaluated for operational implementation. Seven new projects were selected for the seventh round (FY13-15). These projects include upgrades to dynamical models and model components, enhancements to observed data and assimilation techniques, storm surge modeling, track forecasting algorithms, intensity estimation and forecasting algorithms. An overview of these projects and other JHT updates will be presented.