

**P47 Transparency in model testing and evaluation – Input needed for DTC workshop.**

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The Developmental Testbed Center (DTC) will be hosting a community workshop on Numerical Weather Prediction Test Plans and Metrics for Model Validation and Verification. The workshop, to take place at the NCWCP in College Park, MD, will be held in late July. The major goal of this workshop is to develop a community plan and standards for metrics to test and validate new innovations for the National Oceanic and Atmospheric Administration (NOAA) Unified Forecast System (UFS). Several aspects of the WRF and MPAS system are already being integrated into the UFS and NOAA has opened it to the community for development. The goal of the workshop is to develop a transparent and actionable test-plan with a suite of metrics that provide meaningful context to model implementation decisions moving forward. While metrics for all spatial and temporal scales for NWP models will be open for discussion at the workshop, emerging topics such as the verification of Convective Allowing Models, coupled earth system models, and validation of model components will be emphasized. This presentation will lay the foundation for the workshop and request input from the WRF and MPAS communities on how to move forward with an effective test-plan that allows the entire research community to actively become involved.