October 2022

The HydroMeteorological Testbed at WPC is hosting, as part of this years 13th Winter Weather Experiment, a set of focus groups to gather information and feedback on a WPO JTTI project titled:

Towards the enhancement of post-processed precipitation-type guidance with the Spectral Bin Classifier

The Spectral Bin Classifier is an out-of-model microphysics scheme that accepts a sounding, assumes a particle size distribution, and simulates what happens to those particles as they fall through the cloud layer to the surface. The project proposes to use post processed model soundings from the HRRR to compute the probability of various p-types forming at different particle sizes at the surface and aloft.

This focus group will discuss the project, information needs, and tool development to forecast a wide range of precipitation type problems both at the surface and aloft. If you or anyone in your office are interested in the focus group, please sign-up using our google form.

Focus groups will be 2 hours long and participants can choose between 3 dates:
December 8, 2022 1-3pm Eastern
January 24, 2023 1-3pm Eastern
February 7, 2023 1-3pm Eastern

If there is enough demand, a fourth potential date can be arranged.

Please fill out prior to December 1st, 2022, and email any questions to James Correia, Jr (james.correia@noaa.gov).

Sincerely,
James Correia Jr, HMT Coordinator
On behalf of:
Andrew Rosenow, Daniel Tripp, Heather Reeves (CIWRO, NSSL)