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**Hybrid Post-Processing of NOAA NCEP
GEFSv12 Reforecasts for Ensemble
Probabilistic Forecasting of Extremes in
Summer Maximum Temperature and
Rainfall on a Sub-seasonal Scale**



DATE: Monday, May 13, 2024

TIME: 11:00 AM – 12:00 PM MT (VIRTUAL)

[WATCH THE LIVE WEBCAST](#)

About Dr. Malasala

Dr. Malasala is an accomplished Meteorology and Oceanography expert with over 18 years of Academic and R&D experience, currently serving as UCAR Associate Scientist-II at NOAA NCEP's Environmental Modeling Center (EMC). He earned his Ph.D. and master's in meteorology and physical Oceanography from Andhra University. Dr. Malasala specializes in enhancing weather and climate forecasts through advanced downscaling techniques, focusing on model climatology and diagnostic analysis globally. He uses methods like the Quantile-Mapping (QM), Frequency Match Method (FMM), Machine Learning (ML) and Deep learning models to improve forecast accuracy for Temperature and rainfall extremes, particularly atmospheric rivers and associated precipitation over the US West Coast.