

MMM SEMINAR SERIES



Investing into the future of the global data assimilation at NOAA: research, transition to operations, and responding to emerging opportunities.

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NOAA/PSL

Reanalysis and data assimilation section at NOAA Physical Sciences Lab conducts a variety of research, research-to-operations, and reanalysis production activities that support future weather forecast and climate monitoring capabilities at NOAA. In this talk, I will present some of our ongoing research activities, such as (1) the transition of the JEDI ensemble Kalman Filter into future NOAA operational systems; (2) development of the multiscale models for the Atmospheric River forecasting, and (3) using data assimilation systems to estimate and correct systematic errors in forecast models. I will conclude the talk by focusing on the emergence of credible emulators of traditional forecast models and on how we can respond to this new challenge and opportunity.

Thursday, 14 September 2023, 2:00pm

Refreshments 1:45pm

Please also join colleagues for refreshments and informal discussion after the seminar until 3:30pm

NCAR-Foothills Laboratory, 3450 Mitchell Lane
FL2-1022, Large Auditorium

Seminar will also be live webcast

<https://operations.ucar.edu/live-mmm>

Participants may ask questions during the seminar via Slido.