

Session IV: Data Fusion



How can NOAA integrate GPM-era satellite data into merged products (e.g., Q2, MPE, CMORPH, etc.) and move toward a "One NOAA" suite of precipitation products?

Panelists

Ken Howard (NSSL/OAR/NOAA)

V. Chandrasekar (Colorado State University/CIRA)

George Huffman (GSFC/NASA)

Yu Zhang (OHD/NWS/NOAA)

Bob Kuligowski (STAR/NESDIS/NOAA)

Discussion Questions

- What lessons can NOAA learn from the outside research community in terms of multi-sensor QPE/data fusion techniques?
- What GPM data are anticipated to have the greatest impact on NOAA data fusion products (precipitation, SST, TPW, etc.)?
- Where and when will GPM data be most effective for blended NOAA products?
- What steps are needed to achieve a one NOAA suite of precipitation products?
- In what areas should NOAA partner with the PMM science community to achieve maximum benefit for data fusion?
- How can the PMM community and other researchers best engage with NOAA to develop optimal multi-sensor QPE products?