

# Session: Limits and sources of predictability

## Discussion Questions:

- ▶ What are the current estimates of the limit of precipitation predictability, and how much of those are not yet realized as prediction skill?
- ▶ What are the key biases most likely to impact precipitation prediction over the US at different time scales? What is the relationship between biases in a model and its prediction skill?
- ▶ What existing and new observations and observation-modeling integration activities can be exploited or organized to diagnose and address the biases? What new methodological and technological advances can be brought to bear?
- ▶ Which diagnostics and metrics can be used to quantify prediction skill and predictability limits? Which metrics can be used to detect small advances on precipitation forecasts for long term monitoring of progress?