

## OVERVIEW

NOAA's 39th Climate Diagnostics and Prediction Workshop was held in St. Louis, Missouri during 20-23 October 2014. The workshop addressed the status and prospects for advancing climate prediction, monitoring, and diagnostics, and focused on five major themes:

1. Prediction, monitoring, and variability of the hydroclimate with an emphasis on the Midwest during the growing season;
2. The prediction, attribution, and assessment of extreme events;
3. Sub-seasonal to interannual predictability;
4. Latest developments in models, tools, and techniques in relation to improving climate prediction;
5. Developing applications to improve climate services.

The workshop was hosted by St. Louis University (SLU) and co-hosted by the Climate Prediction Center (CPC) of the National Centers for Environmental Prediction (NCEP). The American Meteorological Society (AMS) is a cooperating sponsor.

The workshop featured daytime oral presentations, invited speakers and a poster session event. This Digest is a collection of extended summaries of the presentations contributed by participants. The workshop is continuing to grow and expected to provide a stimulus for further improvements in climate monitoring, diagnostics, prediction, applications and services.