- P.1 Temperature Variation over East Asia during the Lifecycle of Weak Stratospheric Polar Vortex, Sung-Ho Woo; Baek-Min Kim; Jong-Seong Kug; Yeonji Gong APEC Climate Center; Korea Polar Research Institute; Pohang University of Science and Technology; Korea Meteorological Administration
- P.2 <u>Extreme Rainfall over Yangtze River-Huaihe River Valleys in Summer and Its</u> <u>Association with the East Asia Westerly Jet</u>, Qingyun Zhang, Institute of Atmospheric Physics, Chinese Academy of Sciences
- P.3 Comparison of warm season North American precipitation variability observations to CFSv2, Kirstin Harnos and Scott Weaver, NOAA/NWS/NCEP/CPC
- P.4 Improving the land-surface components of the Climate Forecast System Reanalysis (CFSR), Jesse Meng, NCEP/EMC/IMSG
- P.5 Seasonal and spatial dependence of soil moisture memory over North America, Matt Newman, Yan Wang (presenting), and Ben Livneh, CIRES, U. of Colorado and NOAA/ESRL/PSD
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- P. 56 Global ENSO Ocean Wave Trends During the Last 30 Years, Schaler R. Perry<sup>1</sup>, and Mark Willis<sup>2</sup>, <sup>1</sup>Surfline/Wavetrak, Inc. World Headquarters, Huntington Beach, CA, <sup>2</sup>Surfline/Wavetrak, Inc., Nags Head, NC