

## 36th Annual Climate Diagnostics and Prediction Workshop, Hilton Ft. Worth, Ft. Worth, TX, October 3-6, 2011

Day 2: Poster Event, Tuesday, October 4, 18:00-20:00

Location: East Promenade

Chair: Pingping Xie, CPC

### Poster Session 2: Drought

Liu, Lu	Hydro-Climatological Drought Analyses & Projection using Multiple Drought Indices: A Case Study in Blue River Basin, OK
Miskus, David	Proposed Modifications to the U.S. Seasonal Drought Outlooks
Mo, Kingtse	Drought Onset and Demise over the United States
Smith, Becky	The Introduction of an In-Depth Drought Monitoring Process in the Upper Colorado River Basin
Lu, Er	Monitoring Drought at a Daily Scale
Shukla, Shrad	Worth of Medium Range Weather Forecasts to Seasonal Hydrologic and Drought Prediction

### Poster Session 3: Extreme Weather and Climate Events

Lu, Mengqian	Space-Time Structure of Tropical Moisture Exports and Their Precursors Associated with High Precipitation-Induced Floods
OBrien, James	A New Optimum Big Rain Index
Pal, Indrani	Detection and Attribution of Patterns of Seasonal Precipitation Extremes over the Northern U.S.
Shabbar, Amir	Wintertime Extreme Temperature Response to ENSO and PDO over Canada

### Poster Session 4: Climate Models and Forecast Techniques

Kim, Moon-Hyun	River Outflow and Water Budget Forecast by TRIP in Seasonal Forecast System (GloSea4)
Lee, June-Yi	How Predictable is the Northern Hemisphere Summer Upper-Tropospheric Circulation
Michael, J-P	ENSO Fidelity in Two Coupled Models
Ham, Suryun	Investigation of the Air-Sea Interaction on the Seasonal Climate Simulation in a General Circulation Model
Pegion, Kathy	Multi-Model Ensemble Prediction on Intraseasonal Timescales
Wang, Wanqiu	Seasonal Prediction Skill and Predictability of Arctic Region Sea Ice from the CFSv2
Tian, Di	Forecasting Regional Reference Evapotranspiration using Global Forecasting System Reforecasts

### Poster Session 5: Climate Variability and Attributions

Jones, Charles	Precipitation Characteristics of the South American Monsoon System Derived from Multiple Data Sets
L'Heureux, Michelle	Linear Trends in Sea Surface Temperature of the Tropical Pacific Ocean and Implications for the El Nino-Southern Oscillation
He, Luke	ENSO, Seasonal Rainfall, and OLR Variability over the Tropical Pacific Region
Shabbar, Amir	Atmospheric & Oceanic Variability Associated with Growing Season Droughts & Pluvials on the Canadian Prairies
Wang, Shih-Yu (Simon)	Observed Change in Sahel Rainfall, Circulations, African Easterly Waves, and Atlantic Hurricanes since 1979
Cook, Ashton Robinson	Relationships between Large-Scale Oscillations and Winter Tornado Outbreaks in the U.S.
Swenson, Erik	The Role of Sub-Seasonal Tropical Convective Variability for the Midlatitude Response to ENSO
Nielsen-Gammon, John	Back-of-the-Envelope Attribution of the Hottest U.S. Summer on Record
Chelliah, Muthuvel	Evaluating the Tropospheric Variability in NCEP's Climate Forecast System Reanalysis (CFSR)

Wang, Bin MJO Modulation on 2009-2010 Winter Snowstorms in the United States

Poster Session 6: Applications of Climate Information and Improved Climate Services

Trevino, Anna Urban Enhancement of Precipitation in the Southeastern United States

Xie, Pingping A Gauge-Based Analysis of Hourly Precipitation over CONUS

Zhou, Jiayu Scientific Prospects for Weather to Climate Prediction and Services

Rooney, Robert Assessment of Stream flow Forecasts using Precipitation Reforecast Analogs in the Tampa Bay Region

Labosier, Chris Analysis of Air Mass Frequency and Precipitation during the Warm Season in Birmingham, Alabama

Rosner, Ana Climate Change Adaptation Decisions Using Risk-Informed Trend Analysis

Timofeyeva, Marina Selection of Best Practices for NWS Local Climate Studies

Chipanshi, Aston Near real time monitoring and forecasting of soil moisture on the Canadian Prairies

Ramsaur, David U.S. Navy Climatology Services

Charles, Mike New Development and Collaborative Tools at CPC