

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

Day 2: Tuesday Evening, Oct. 4 18:00-20:00

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. Drought Outlook
Quiring, Steven	A Framework for Improved Prediction of North American Droughts on Seasonal to Decadal Timescales
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
Yoon, Jin-Ho	Improvement of Seasonal Drought Prediction with the Dynamic Downscaling and Bias Correction Methods
Thiaw, Wassila	The East Africa Severe Drought of 2010-11
Xia, Youlong	NLDAS Contributions to the Operational U.S. Drought Monitor and Prediction
Shukla, Shrad	Worth of Medium Range Weather Forecasts to Seasonal Hydrologic and Drought Prediction

Poster Session 3: Extreme Weather and Climate Events

Mason, Simon	Seasonal Prediction of Extreme Rainfall Events
Lu, Mengqian	Space-Time Structure of Tropical Moisture Exports & Their Precursors Associated with High PCP-Induced Floods across US
OBrien, James	A New Optimum Big Rain Index
Shabbar, Amir	Wintertime Extreme Temperature Response to ENSO and PDO over Canada
Wang, Shih-Yu	The Changing Monsoon Extremes and Dynamics: Example in Pakistan

Poster Session 4: Climate Models and Forecast Techniques

Gillies, Shane	Long Range Prediction of Pakistan Summer Precipitation: A Statistical Forecast System
Kim, Moon-Hyun	River Outflow and Water Budget Forecast by TRIP in Seasonal Forecast System (GloSea4)
Ham, Suryun	Investigation of the Air-Sea Interaction on the Seasonal Climate Simulation in a General Circulation Model
Michael, J-P	ENSO Fidelity in Two Coupled Models
Wang, Wanqiu	Seasonal Prediction Skill and Predictability of Arctic Region Sea Ice from the CFSv2
Pegion, Kathy	Multi-Model Ensemble Prediction on Intraseasonal Timescales
Wood, Andy	Development of a Seasonal Climate and Stream Flow Forecasting Test Bed for the Colorado River Basin
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
Mutasa, Collen	Investigating Impacts of Climate Change on Rainfall Patterns in Zimbabwe
Xie, Pingping	Global Precipitation Diurnal Variations Depicted in the Observation and Reanalyses
Zuo, Zhiyan	Relationship Between Anomalies of Eurasian Snow and Southern China Rainfall in Winter

Wang, Shih-Yu	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
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

O'Brien, James	A New Optimum Big Rain Index
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
Njoroge, Rose	Public Polarization on Climate Change Science - What Should be Communicated to the Public
Labosier, Chris	Analysis of Air Mass Frequency and Precipitation during the Warm Season in Birmingham, Alabama
Lunday, Charlotte	A Comparison between North American Regional Climate Change Assessment Program Output & Oklahoma Mesonet Observations
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