

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

Time	Speaker		Title
Day 1: Monday, Oct. 3			
07:00-08:00	Registration		
08:00-08:10	Higgins, W. & Brown, D.		Welcoming Remarks
Session 1: Annual Review of Weather & Climate and Climate Operations			
08:10-08:30	L'Heureux, Michelle	Invited	An Overview of the 2010-2011 La Nina and Transition to ENSO Neutral Conditions
08:30-08:50	Halpert, Mike	Invited	State of the 2010-2011 Climate and 2011-2012 Outlook
08:50-09:10	Bell, Gerry	Invited	Climate Perspective on the 2011 Atlantic Hurricane Season
09:10-09:30	Chelliah, Muthuvel	Invited	Review of 2011 Global Monsoon Seasons
09:30-09:50	Wang, Bin	Invited	Aspects of MJO Dynamics: An overview of the 2010-2011 activities
09:50-10:10	Break		
10:10-10:30	Kumar, Arun	Invited	Performance of Climate Model Forecasts during 2010-2011
10:30-10:50	Barnston, Tony	Invited	Skill of Real-Time Seasonal ENSO Model Predictions during 2002-2011; Is Our Capability Increasing
10:50-11:30	Kelly Redmond	Invited	Keynote - Title TBD
11:30-13:00	Lunch		
Session 2: Drought, with Special Emphasis on the 2011 Southern Plains event			
13:00-13:20	Nielsen-Gammon, John		The 2011 Drought in Texas: Real-Time Monitoring and Historical Perspective
13:20-13:40	Murphy, Victor		An Assessment of the Texas Drought of 2010-2011 & the Role of Seasonal Forecasts in Helping Stakeholders Make Informed Decisions
13:40-14:00	Wolter, Klaus		South-Central U.S. Droughts and La Nina
14:00-14:20	McNutt, Chad		Developing Drought Outlook Forums in Support of a regional Drought Early Warning Information System
14:20-14:40	Mo, Kingtse C		Drought Onset and Recovery over the United States
14:40-15:00	Miskus, David		U.S. Drought Monitoring and Forecasting from a Near-Real Time Operational Aspect
15:00-15:20	Break		
Session 3: Extreme Weather and Climate Events			
15:20-15:40	Lu, Er		Best Describing Extremes in Terms of Starting Time, Duration, and Intensity
15:40-16:00	Pegion, Kathy		Understanding the Statistics of Climate Extremes
16:00-16:20	Kayaba, Nobuyuki		Primary Factors Contributing to Japan's Extremely Hot Summer of 2010
16:20-16:40	Pal, Indrani		Detection and Attribution of Patterns of Seasonal Precipitation Extremes over the Northern U.S.
16:40-17:00	Wang, Fang		Comparison of Extreme Precipitation and Its Long-Term Changes between China and the United States
18:00-20:00	Icebreaker		
Day 2: Tuesday, Oct. 4			
Session 3: Extreme Weather and Climate Events (continued)			
08:00-08:20	Anderson, Bruce T		Intensification of Temperature Extremes in the US & Around the Globe: Is 2C global temperature increase safe
08:20-08:40	Sardeshmukh, Prashant D		Need for Caution in Interpreting Extreme Weather Statistics
08:40-09:00	Tippett, Michael K		Association of U.S. Tornado Counts with the Large-Scale Environment on Monthly Time Scales
Session 4: Climate Models and Forecast Techniques			
09:00-09:20	vandenDool, Huug		A Significant Advance in Calculating EOFs from Very Large Data Sets
09:20-09:40	Fu, Joshua		Intraseasonal Predictability of Northern Hemisphere Summer Monsoons & Tropical Cyclogenesis
09:40-10:00	Higgins, Wayne		Bias in the NCEP CFSv2 Daily Precipitation Reforecasts
10:00-10:20	Break		
Session 4: Climate Models and Forecast Techniques (continued)			
10:20-10:40	Juang, Henry Hann-Ming		Using Hydrostatic & Non-Hydrostatic Dynamics for Regional Downscaling as Multi-Model Ensembles
10:40-11:00	Kang, Hyun-Suk		Introduction to the KMA Met Office Joint Seasonal Forecasting System & Evaluation of Its Hindcast Ensemble Simulations
11:00-11:20	Lee, Johan J		Performance Evaluation of Earth System Model in KMA Climate Research Laboratory
11:20-11:40	Klotzbach, Phil		A Simplified Early August Atlantic Basin Seasonal Hurricane Prediction Scheme
11:40-12:00	Liang, Xin-Zhong		CWRF Downscaling Enhancement on Seasonal-Interannual Climate Prediction

12:00-13:00	Lunch	
Session 4: Climate Models and Forecast Techniques (continued)		
13:00-13:20	Meyer, David	Improvements to and Verification of Intraseasonal to Seasonal Prediction of Tropical Cyclogenesis
13:20-13:40	Peng, Peitao	An Assessment of CFSv2 Performance in Seasonal Hindcast
13:40-14:00	Shin, D W	Alternative Methods for Evaluating Seasonal Rainfall Forecasts
14:00-14:20	Unger, David	Performance Characteristics of Forecasts based upon a Lagged Ensemble from the NCEP Climate Forecast System
14:20-14:40	Wood, Eric F	Enhancing National Hydrological Seasonal Forecasts by Optimally Downscaling CFSv2
14:40-15:00	Stefanova, Lydia	Assessment of the CMIP5 Models: Trend, ENSO, & Atlantic Multidecadal Oscillation in the 20th Century Sea Surface Temperatures
15:00-15:20	Break	
15:20-15:40	Meng, Jesse	Implementation of Land Information System in the NCEP Operational Climate Forecast System
15:40-16:00	Nagasawa, Ryoji	Problem of Cloud Overlap in Radiation Process in JMA Global NWP Model
16:00-16:20	Zhang, Qin	Preliminary Evaluation of Multi-Model Ensemble System for Monthly and Seasonal Prediction
16:20-16:40	Goddard, Lisa	A Verification Framework for Interannual to Decadal Prediction Experiment
16:40-17:00	Waliser, Duane E	An Update on MJO Task Force Activities and Plans
18:00-20:00	Poster Event	
Day 3: Wednesday, Oct. 5		
Session 5: Climate Variability and Attributions		
08:00-08:20	Wang, Wanqiu	Tropical Intraseasonal Rainfall Variability in the CFSR
08:20-08:40	Weaver, Scott	Climatic Role of North American low-level jet on U.S. Regional Tornado Activity
08:40-09:00	Ding, Qinghua	Tropical-Extratropical Teleconnections in Boreal Summer: Observed Interannual Variability
09:00-09:20	Douglas, Michael	Persistent Cloudiness Features over the Southern Ocean Forced by Ocean Bottom Topography
09:20-09:40	Fu, Rong	Decadal Variability of the North American Monsoon Duration and Intensity and Its Potential Causes
09:40-10:00	Break	
10:00-10:20	Jiang, Xianan	Modulation of TC Activity by the Tropical Intraseasonal Oscillation over the Eastern Pacific in a High Resolution GCM
10:20-10:40	Lee, June-Yi	Metrics for Boreal Summer and Asian Monsoon Intraseasonal Oscillation
10:40-11:00	Riddle, Emily	The Impact of MJO and ENSO on Wintertime Weather Regime Frequency over the Pacific/North American Region
11:00-11:20	Robertson, Andrew W	On the Connection btw Low-Frequency Modulation of Large-Scale Wx Regimes & Springtime Ext Flooding over US Midwest
11:20-11:40	Shabbar, Amir	Atmospheric & Oceanic Variability Associated with Growing Season Droughts & Pluvials on the Canadian Prairies
11:40-12:00	Sterin, A M	Long Period Trends in Time Series of Climate Variability and Extremeity
12:00-13:00	Lunch	
Session 5: Climate Variability and Attributions (continued)		
13:00-13:20	Jia, Liwei	The Limits of Detecting Forced Responses on Seasonal and Continental Scales
Session 6: Applications of Climate Information and Improved Climate Services		
13:20-13:40	Hartmann, Holly	CLIMAS-CPC Collaborative Development of an Interactive Web Tool for 3-Month Outlooks
13:40-14:00	Olenic, Edward	Tools, Techniques, and Metrics in Operational Extended and Long-Range Environmental Prediction
14:00-14:20	Timofeyeva, Marina	Monitoring Users Satisfactions of NWS Climate Products and Services
14:20-14:40	Letson, David	Assessing the Value of Climate Predictions in Agriculture using the Stochastic Production Frontier Approach
14:40-15:00	Mason, Simon	Seasonal Forecasting Using the Climate Predictability Tool (CPT)
15:00-15:20	Break	
15:20-15:40	Partain, James	Towards a 90-Day Monthly Storm Outlook for Alaska
15:40-16:00	Douglas, Arthur V	An Updated and expanded Version of the WMO-GHCN Data base for Mexico
16:00-16:20	Greene, Arthur M	Stochastic Decadal Simulation: Utility for Water Resource Planning
16:20-16:40	Martin-Nielsen, Janet	Understanding the Past to Conceptualize the Future: Ice Cores, Climate Change, & Construction of Knowledge
16:40-17:00	Harrison, Mike	Reflections on the Development of Climate Services
18:00-20:30	Banquet	Speaker TBD
Day 4: Thursday, Oct. 6		
Session 7: CTB PI Reviews - MME		

08:30-08:45	Huang, Jin	An Update on NOAA Climate Test Bed (CTB)
08:45-09:00	Kirtman, Ben	ENSO Prediction with CCSM3 and CCSM4
09:00-09:15	Tippett, Michael K	Recalibrating and Combining Ensemble Predictions
09:15-09:30	Wang, Bin	Multi-Model Ensemble Forecast of MJO: Progress of ISV Hindcast Experiment (ISVHE) and Preliminary Results
09:30-09:45	Schubert, Siegfried	Progress in the Development of Subseasonal Ensemble Forecast techniques
09:45-10:00	Jia, Liwei	Is Unequal Weighting Significantly Better than Equal Weighting for Multi-Model Forecasting
10:00-10:15	Kirtman, Ben	Overview of the US National Multi-Model Ensemble (NMME) ISI Prediction System
10:15-10:30	van den Dool, Huug	The National Multi Model Ensemble (NMME) for Seasonal Prediction at NCEP
10:30-11:00	Break	
Session 7: CTB PI Reviews - CFS Improvement		
11:00-11:15	Teixeira, Joao	CPT for Improving the Representation of the Stratocumulus to Cumulus Transition in Climate Models
11:15-11:30	Perlwitz, Judith	CFS Stratosphere Improvement
11:30-11:45	Ide	CTB Review: 4D Kalman Filter
11:45-12:00	Wang, Wanqiu	Progress Report: Generation and Evaluation of Long-Term Forecasts with NCEP CFS
12:00-13:00	Lunch	
Session 7: CTB PI Reviews - Improving ISI Forecasts and Products		
13:00-13:15	Annamalai, H.	Assessment of CFS Seasonal Forecast over the US Affiliated Pacific Islands
13:15-13:30	Johnson, Nat	A Framework for Incorporating MJO, ENSO, and Storm Track Variability into CPC Probabilistic Extended Range Forecasts
13:30-13:45	Jones, Charles	Spatiotemporal Variations in Extreme Precipitation in the contiguous US and the MJO
13:45-14:00	Kinter, Jim	Enabling the Transition of CPC Products to GIS Format
14:00-14:15	Wood, Eric F	Progress of Enhancing Operational Drought Monitoring & Prediction Products through Synthesis of NLDAS & CPPA Results
14:15-14:30	Lyon, Bradford	Objective, Probabilistic, and Verifiable Seasonal Predictions of Meteorological Drought
14:30-14:45	Hain, Christopher	A GOES Thermal-Based Drought Early Warning Index for NIDIS
14:45-15:00	Zeng, Ning	Predicting Ecosystems and Carbon Cycle using NCEP/CFS Seasonal-Interannual Climate Prediction
15:00-15:15	Break	
15:15-17:00	Private Meeting of the CTB PIs and SAB	