

NMME/SUBX MEETING DRAFT AGENDA

Draft 17 August

WEDNESDAY

8:00 - 9:00 REGISTRATION and continental breakfast

9:00 - 9:15 Welcome, Logistics, ETC

NMME/SubX Overview

9:15-9:30 NMME Program Development, Jin Huang, NOAA/CPO

9:30-9:45 NMME Science, Ben Kirtman, University of Miami/RSMAS

9:45-10:00 NMME Operations, David DeWitt, NCEP/Climate Prediction Center

10-10:15 SubX, Kathy Pegion, George Mason University/COLA

10:15 - 10:35 *Who cares about S2S research to improve forecasts?*, Alison Stevens, NOAA MAPP

10:35 - 11:15 Poster flash talks

11:15 - 12:30 Posters and coffee

Posters

1	Andrew Robertson	Assessment of sub-seasonal predictability and probabilistic prediction skill over the U.S.
2	Augustin Vintzileos	Towards version 2 of the University of Maryland / NOAA Subseasonal Excessive Heat Outlook System (SEHOSv2)
3	Nachiketa Acharya	Advances in Real-time Probabilistic Seasonal forecasting at The International Research Institute for Climate and Society (IRI)
4	Hui Wang, Christina Finan, Jae-Kyung Schemm	Application of the NMME for the Intraseasonal Prediction of Tropical Cyclones over the Atlantic and North Pacific Basins
5	Shan Sun	Subseasonal Skill Sensitivity in the Global FIM-iHYCOM Coupled Model
6	Emily Becker	Short-term climate extremes in NMME
7	Qin Zhang	Preliminary Results of Evaluation Week3/4 Reforecast for Canadian GEPS
8	Matthew A. Janiga	Influence of Convectively Coupled Equatorial Waves, the MJO, and ENSO on the Environment of Tropical Cyclones in Coupled Atmosphere-Ocean Subseasonal Prediction Systems
9	Yuejian Zhu	An assessment of predictability for week 3&4 through extended Global Ensemble Forecast System (GEFS)
10	Isaac Hanks	Evaluating the performance of numerical ENSO forecasts for the June-August time period relative to a statistical/analog approach

12:30 - 1:45 LUNCH (on your own)

1:45 - 2:05 *Seasonal Climate Predictions in CCSM4: Influences of ocean-atmosphere coupling and SST biases on skill and predictability*, Johnna M. Infanti, University of Miami

2:05 - 2:25: *Subseasonal Prediction Skill from SubX*, Timothy DelSole, GMU

2:30-3:10: Poster flash talks

3:10-5:00: Posters and coffee

Posters

1	Dan C. Collins	On the Potential Forecast of Extremes by a Multi-Model Ensemble (MME)
2	Andrew Huang	Seasonal and Regional NMME Investigation and Visual Updates
3	Hai Lin	GEM-NEMO Coupled Model for Seasonal Forecasts
4	Angel G Munoz	Hybrid dynamical-statistical seasonal forecasts with weather types
5	Ken Takahashi	NMME model predictions of El Niño in the far-eastern Pacific: The 2015-16 and 2017 cases
6	Nir Krakauer	Probabilistic prediction of extreme temperatures using NMME
7	Emerson LaJoie	CPC SubX
8	Angela Cheska Siongco	Diagnosing the sources of systematic SST biases in CESM using ensemble seasonal hindcasts
9	Bala Narapusetty	Bias Correction to Improve the Skill of Summer Precipitation Forecasts as Produced by NMME System over CONUS
10	Lakshmi Krishnamurthy	Seasonal forecast skill of the Indian monsoon in GFDL high-resolution forecast system

THURSDAY

8:00 - 9:00 Continental breakfast

9:00 - 9:20 *Process-based evaluation of MJO prediction*, Hyemi Kim, Stony Brook University

9:20 - 9:40 *Skill in the NMME Nino-3.4 Forecasts following the 2015-16 El Nino*, Michelle L'Heureux

9:40 - 10:25 Poster flash talks

10:25 - 12:30 Posters and coffee

Posters

1	Raymond B Kiess	Application of the NMME to Forecast Monthly Drought Conditions
2	Hai Lin	Subseasonal Forecast Skill over Extratropical Northern Hemisphere in Three Operational S2S Systems
3	Benjamin W. Green	The FIM-iHYCOM Model in SubX: Evaluation of Subseasonal Drift
4	Gwen Chen	Combination of Multimodel Probabilistic Forecasts Using Objectively Determined Weights
5	Rainer Bleck	Prediction of Atmospheric Blocking
6	Rainer Bleck	Prediction of Stratospheric Sudden Warming Events
7	Robert Burgman	Assessing potential predictability of North American Drought in NMME Hindcasts
8	Sang-Ik Shin	Is there much room for forecast skill improvement of global sea surface temperature anomalies?
9	Hsi-Yen Ma	On the correspondence between short- and long-time-scale systematic SST biases in the CESM
10	John Mejia	Examining Systematic Biases in the NMME
11	Kathy Pegion	Assessing the Fidelity of Predictability Estimates

12:30-1:45 LUNCH (on your own)

1:45 - 2:05 *Calibration of Monthly and Seasonal Probabilistic Prediction of Extremes in NMME*, Huug van den Dool, CPC

2:05 - 2:25 *Stratosphere-Troposphere Coupling and NAM Predictability in the NMME Phase-2 Models*
Jason C Furtado, OU

2:30 - 3:10 Poster flash talks

3:10 - 5:00 Posters and coffee

Posters

1	Teresa Cicerone	Prediction and Predictability of Extremes at Different Timescales
2	Ryan D Smith	Assessment of NMME Skill over Southwest Asia and Horn of Africa
3	Zhao Li	Evaluation of GEOS5-S2S-2.1 seasonal forecast
4	Matthew Newman	Skillful climate forecasts of the tropical Indo-Pacific using model-analogs
5	Wei Li	Evaluating the MJO forecast skill in the NCEP GEFS 35-day Experiments
6	Benjamin Cash	California Drought and the 2015-2016 El Niño
7	Malaquias Peña	GEFS tropics to extratropics teleconnections in the Northern Hemisphere
8	Zhuo Wang	Assessing the Sources of Subseasonal to Seasonal Predictability in the Climate Forecast System Version 2
9	Sarah Strazzo	Improving NMME seasonal forecast skill through Calibration, Bridging, and Merging (CBaM)
10	Yang Zhou	Seasonal Prediction of Atmospheric Rivers in the NMME
11	Edmund Chang	Assessing subseasonal to seasonal prediction of storm track activity using NMME daily hindcast data

FRIDAY

8:00 - 9:00 Continental breakfast

9:00 - 9:20 *Seasonal Arctic sea ice in the NMME*, Kirstin Harnos, CPC

9:20 - 9:40 *Marine Ecosystems*, Desiree Tommassi, GFDL

9:40 - 10:25 Poster flash talks

10:25 - 12:30 Posters and coffee

Posters

1	Sarah Baker	Sub-seasonal to seasonal climate forecast products for hydrology and water management
2	Dr. Kristi R. Arsenault	Seasonal scale water deficit forecasting in Africa and the Middle East
3	Marko Markovich	An Intercomparison of Arctic Sea-ice predictability based on CanCM3, CanCM4, CFSv2 and GEM-NEMO hindcasts
4	Neil Barton	Description and Initial SubX results from the Navy Earth System Model (NESM)
5	Bohar Singh	Indian Summer Monsoon Variability Forecasts in the North American Multimodel Ensemble (NMME)
6	Flavio Lehner	Using NMME temperature forecasts to improve seasonal streamflow forecasts in the Colorado and Rio Grande basins
7	Suranjana Saha	S2S Prediction Skill in a developing Unified Global Coupled System at NCEP
8	Hiroyuki Murakami	Statistical-dynamical seasonal forecast of North Atlantic and U.S. landfalling tropical cyclones using the GFDL FLOR coupled model
9	Randy Koster	Initialization of dynamic phenology variables in a subseasonal forecast system
10	Deepthi Achuthavarier	Prediction and predictability of the Madden Julian Oscillation in the NASA GEOS-5 seasonal-to-subseasonal system

Noon: Workshop Adjourns

Noon-2: Summary and Future Directions Discussion/Writing Session, Organizers and Interested Parties