

IWM-VI invited reviews (As of 7 July 2017)

Regional Monsoon and Climate

1. Bin Wang (U Hawaii): Interannual Variability of the Asian Monsoon
2. Tim Li (U Hawaii): Western North Pacific Anomalous Anticyclone during El Nino: A Review on Various Theories
3. Lin Wang (IAP/CAS): East Asian Winter Monsoon
4. B. N. Goswami (IISER India): South Asian Monsoon
5. Alice Grimm (Fed U Parana, Brazil): South and North American Monsoon
6. Kyung-Ja Ha (Pusan National U): Interdecadal Variability of Global Monsoon
7. Aurel Moise (BOM Australia) and H. Annamalai (U Hawaii) Climate for the Australian Monsoon
8. Jean-Philippe Lafore (Metro-France): West African Monsoon
9. André Lenouo (U Douala, Cameroon), Winfried Pokam (U Yaoundé I, Cameroon), Appolinaire Vondou (U Yaoundé I), Serge Janicot (LOCEAN/IPSL, France), and François Mkankam (U Montagnes, Cameroon): Central African Monsoon
10. Kunio Yoneyama (JAMSTEC) and Chidong Zhang (PMEL): Years of Maritime Continent (YMC) Program

Mesoscale and High Impact Weather

1. Michael Bell (Colorado State U): Mesoscale/High Impact Weather Topics
2. Ben Jou (Pacific Science Assoc): Summer Monsoon Mesoscale Convection in Taiwan
3. Todd Lane (U Melbourne): Diurnally forced severe convection within the Australian Monsoon
4. Yali Luo (CAM5/CMA): Southern China Monsoon Rainfall Experiment (SCMREX)
5. Michael Reeder (Monash U): Mesoscale/High Impact Weather Topics
6. Kristen Rasmussen (Colorado State U): Mesoscale/High Impact Weather Topics
7. Ming Xue (Oklahoma U, CAPS): Mesoscale/High Impact Weather Topics
8. Brian Mapes (U Miami): A better view of upper-air soundings: conserved variable diagrams linear in mass, energy, and water
9. Leila Carvalho (UC Santa Barbara) and Maria Silva Dias (U Sao Paulo): Mesoscale and High Impact Weather in South American Monsoon
10. Yukari Takayabu (U Tokyo): Precipitation Observed From Space and Its Extremes
11. Zhiyong Meng (Peking U): Tropical Cyclone Tornadoes in Southern China

Intraseasonal Variability and S2S Prediction

1. Chidong Zhang (PMEL), Da Yang (UC Berkeley), Ángel Adames (GFDL/NOAA), Boualem Khouider (U Victoira), and Bin Wang (U Hawaii), A Review of Current MJO theories
2. Ángel Adames (GFDL/NOAA): MJO theory - Moisture Mode View
3. Xianan Jiang (UCLA) and Daehyun Kim (U Washington): Progress and Status of MJO Simulations and Process-Oriented Diagnostics

4. Daehyun Kim (U Washington): MJO Propagation across the Maritime Continent – Observations and Modeling
5. Hyemi Kim (SUNY Stonybrook) and Frédéric Vitart (ECMWF): MJO Prediction: Current Status and future challenges
6. Paul Roundy (SUNY Albany): Mid-Latitude Wave Influences on the MJO
7. Charlotte DeMott (Colorado State U) and Nick Klingaman (U Reading): Air-Sea Interactions in the MJO
8. Vincent Moron (U Aix-Marseille), Andrew Marshall (BOM Australia), A.K. Sahai (IITM, India), Harry Hendon (BOM Australia), and Rodrigo Bombardi (George Mason U): Monsoon Sub-Seasonal Prediction
9. Chih-Pei Chang (Naval Postgraduate Sch), Tim Li (U Hawaii), Song Yang (SYSU China): Weak predictability of wet season rainfall in western Maritime Continent

Modeling

1. Kazuhisa Tsuboki (U Nagoya): Monsoon and Tropical Convection in Cloud-Resolving Model Studies
2. Akio Kitoh, Hirokazu Endo, Ryo Mizuta, Hideaki Kawaim and Osamu Arakawa (MRI Japan): Future changes in global monsoon precipitation and their uncertainty: Results from high-resolution MRI-AGCM ensemble simulation with multi-SSTs and multi-physics
3. CLIVAR Working Group on Monsoons: Grand Challenges In Monsoon Modeling: Representation of Processes and Source of Model Errors
4. Tianjun Zhou (IAP/CAS), Andrew Turner (U Reading), and James Kinter III (George Mason U): Global Monsoons Model Inter-comparison Project (GMMIP)
5. Panel discussion of GMMIP

Monsoon Training Workshop for NMHS Forecasters

Mr. Thierry Lefort, Meteo-France, (2 sessions)

Exploitation of MJO and Equatorial wave products for operational analysis and forecasting of TC genesis and extreme events.

Dr. Yun-Young Lee and Ms. Daeun Jeong, APCC (2 sessions)

Multi-model ensemble seasonal prediction and regional downscaling using APCC's CLimate Information ToolKit (CLIK).

Prof. Richard Johnson, Colorado State University (2 sessions)

Tropical and monsoon convection.

Prof. Michael Bell, Colorado State University (2 sessions)

Radar meteorology: basics and new developments.