Program for the 47th Annual Climate Diagnostics and Prediction Workshop
Logan, Utah, October 25–27, 2022
(Program Update: September 28, 2022)

Poster Program

All posters will be presented on Tuesday October 25th, at the Alumni House at the Utah state University, and left on display during the entire conference.

Tuesday, October 25, 2022

5:30 -7:30 pm - Ice Breaker (Light refreshments served)

P1. An Updated NMME-based Hybrid Prediction Scheme for Atlantic Hurricane Season Activity, Daniel Harnos, NOAA/CPC, Matthew Rosencrans and Hui Wang, NOAA/CPC

P2. Predictability of Summer Extreme Maximum Temperatures over Taiwan by using NOAA NCEP GEFSv12 Reforecast Products, Murali Malasala Nageswararao, NOAA/EMC, Yuejian Zhu, and Vijay Tallapragada, NOAA/EMC, and Meng-Shih Chen, Central Weather Bureau, Taipei, Taiwan

P3. Improved Seasonal Forecasts with Mixture Models and Weather Regimes, Cody Ratterman, Utah State University, Wei Zhang and Grace Affram, Utah State University

P4. The Impact of Indian Ocean SSTs Variability on US Winter Seasonal Climate Variability, and Predictability, Bhaskar Jha, NOAA/CPC and Arun Kumar, NOAA/CPC

P5. Seasonal Prediction of Summertime Heavy Rainfall in the Midwestern and Southeastern US from Springtime Sea Surface Salinity, Laifang Li, Pennsylvania State University, Christopher M. Sala, Pennsylvania State University, Caroline C. Ummenhofer and Raymond W. Schmitt, Woods Hole Oceanographic Institute

P6. The Bias Correction of Seasonal Scale Forecast in Surface Temperature, Meng-Pai Hung, Chinese Culture University, Taipei, Taiwan, Tun-Kai Chang, Yu-Haw Chou, and Chia-An Lin, Chinese Culture University, Taipei, Taiwan, Meng-Shih Chen and Tzu-Ting Lo, Central Weather Bureau

P7. Further Insights into Subseasonal Forecasts from Coupled UFS Through Physics Tests, Benjamin Green, CU/CIRES & NOAA/Global Systems Laboratory, Eric Sinsky, NOAA/CPC, Vijay Tallapragada, NOAA/EMC, Shan Sun and Georg Grell, NOAA/Global Systems Laboratory

P8. GEFSv12 and CFSv2 Based Sub-seasonal Storminess Outlook, Yutong Pan, NOAA/CPC, Edmund K.M. Chang, Stony Brook University, Wanqiu Wang, Hui Wang, and David DeWitt, NOAA/CPC
P9. Analysis and characterization of long-term changes in Atlantic tropical storms and hurricanes, Hui Wang, NOAA/CPC


P11. Similarities and differences found in cyclonic tracking for South America using ERA5 and JRA55, Luthiene Dalanhese, Utah State University and Wang, S-Y., Utah State University

P12. Introduction to Two MJO-Kelvin Wave-ENSO Diagnostic Indices, Yanjuan Guo, NOAA/CPC, Zeng-Zhen Hu, NOAA/CPC, Cristiana Stan, NOAA/EMC, Rama Sesha Sridhar Mantripragada, George Mason University

P13. XCast: A python toolkit for S2S forecasting, Nachiketa Acharya, NOAA/CIRES, Kyle Joseph Chen Hall, NOAA/CIRES


P15. Using planktic foraminifera to determine variability in the global hydrologic cycle during carbon perturbations during the Paleocene-Eocene Thermal Maximum, Chels Howard, Utah State University, Don Penman, Utah State University

P16. Flux to Flow: Scalable Watershed Modeling with Deep Convolutional Residual Neural Networks, Albert Larson, University of Rhode Island, Ali Shafqat Akanda, University of Rhode Island

P17. Simulation & Control of Natural Disasters Through Innovative Technologies, Virendra Goswami, IIT & Amp, Environment and Peace Foundation

P18. Machine Learning to Construct Probabilistic Sub-Seasonal Precipitation Forecasting over California, Nachiketa Acharya, NOAA/CIRES, Kyle Joseph Chen Hall, NOAA/CIRES


P20. Evaluation of the Stratosphere in the NCEP Conventional Observational Reanalysis (CORe), Laura Ciasto, NOAA/CPC, Wesley Ebisuzaki, Arun Kumar, NOAA/CPC

P21. Impact of the Arctic Oscillation from March on summertime sea ice, Young-Kwon Lim, NASA/GSFC, Dong Wu, Kyu-Myong Kim, Jae Lee, NASA/GSFC
P22. Object Verification of the (CPC) Week-2 US Cold Hazard Outlooks Using the METplus MODE Tool, **Justin Hicks**, **NOAA/CPC**, Tim Eichler, Melissa Ou, Nicholas Novella, Adam Hartman, Daniel Harnos, Dan Collins, Johnna Infanti, **NOAA/CPC**, John Opatz, Tara Jensen, Barbara Brown, **NCAR/RAL/DTC**

P23. Tropical Cyclone Verification of the Global Tropics Hazards Outlook, **Lindsey Long**, **NOAA/CPC**, Nicholas Novella, Jon Gottschalck, **NOAA/CPC**

P24. Week 3-4 Multi-Model Ensemble Subsampling: A Real-time Verification, **Cory Baggett**, **NOAA/CPC**, Steven Simon; Michael Halpert, **NOAA/CPC**

P25. Can the Texas 1950s drought be represented in CORe and the ERA-5 reanalyses?, **Leigh Zhang**, **NOAA/CPC**, Wesley Ebisuzaki, Arun Kumar, **NOAA/CPC**, Jeffrey Whitaker, **NOAA/PSD**, Jack Woollen, **NOAA/EMC**
