

COLA REFEREED PUBLICATIONS 2011

2011:

1. **Achuthavarier**, D., and V. **Krishnamurthy**, 2011a: Daily modes of South Asian summer monsoon variability in the NCEP Climate Forecast System. *Climate Dyn.* 36, 1941-1958.
2. **Arsenault**, K. 2011: Impact of model and observation error on assimilating snow cover fraction observations. *Ph.D. Dissertation*, George Mason University.
3. Chang, E.-C., S.-W. Yeh, S.-Y. Hong, and R. **Wu**, 2011: The role of air-sea interaction over the Indian Ocean in the in-phase transition from the Indian summer monsoon to the Australian boreal winter monsoon. *J. Geophys. Res.*, 116, D01107, doi:10.1029/2010JD014522.
4. Chen, G., Y. Ming, N. Singer and J. **Lu**, 2011: Testing the Clausius-Clapeyron constraint on the aerosol-induced changes in mean and extreme precipitation. *Geophys. Res. Lett.*, 38, doi:10.1029/2010GL046435.
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6. **DelSole**, T., M. K. Tippett, and J. **Shukla**, 2011a: A Significant Component of Unforced Multidecadal Variability in the Recent Acceleration of Global Warming. *J. Climate*, 24, 909-926.
7. **DelSole**, T., and X. **Yang**, 2011: Field Significance of Regression Patterns. *J. Climate*, 24, 5094-5107.
8. DeMott, C. A., D. A. Randall, C. **Stan**, J. L. **Kinter** III, and M. Khairoutdinov, 2011: The Asian Monsoon in the Super-Parameterized CCSM and its Relationship to Tropical Wave Activity. *J. Climate*, 24, 5134-5156. doi: 10.1175/2011JCLI4202.1.
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11. **Dirmeyer**, P. A., T. **DelSole** and M. Zhao, 2011c: Limits to the impact of data assimilation on simulation of the water cycle. *J. Hydrometeor.*, 12, 147-156.
12. **Feng**, X., T. **DelSole**, and P. Houser, 2011a: Bootstrap Estimated Seasonal Potential Predictability of Global Temperature and Precipitation. *Geophys. Res. Lett.*, 38, L07702, doi:10.1029/2010GL046511.
13. **Fennessy**, M. J., and J. L. **Kinter** III, 2011: Climatic feedbacks during the 2003 European heatwave. *J. Climate*, (early release), doi: 10.1175/2011JCLI3523.1.
14. Gao, H., S. Yang, A. Kumar, Z.-Z. Hu, B. **Huang**, Y. Li, and B. Jha, 2011: Variations of the East Asian Mei-yu and simulations and prediction by the NCEP Climate Forecast System. *J. Climate*, 24, 94-108.
15. **Guo**, Z., P. A. **Dirmeyer** and T. **DelSole**, 2011a: Land surface impacts on subseasonal and seasonal predictability. *Geophys. Res. Lett.*, 38, L24812, doi:10.1029/2011GL049945.
16. Hu, Z.-Z., B. **Huang**, Y.-T. Hou, W. Wang, F. Yang, C. **Stan**, and E. K. **Schneider**, 2011a: Sensitivity of tropical mean climate to prescribed low-level clouds in the NCEP CFS. *Climate Dyn.*, 36, 1795-1811.
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19. Hu, Z.-Z., A. Kumar, B. Jha, and B. **Huang**, 2011d: An analysis of forced and internal variability in a winter climate in CCSM3. *J. Climate*, DOI: 10.1175/JCLI-D-11-00323.1.
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32. **Lu**, J., M. Zhang, B. **Cash**, and S. Li, 2011: Oceanic forcing for the East Asian rainfall in pace-making AGCM experiments. *Geophys. Res. Lett.* 38, L12702, doi:10.1029/2011GL047614
33. Molteni, F., M. P. King, F. Kucharski, and D. M. **Straus**, 2011: Planetary-scale variability in the northern winter and the impact of land-sea thermal contrast. *Climate Dyn.*, 37, 151-170. doi: 10.1007/s00382-010-0906-z.

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34. Mueller, B. and others, 2011: Evaluation of global observations-based evapotranspiration datasets and IPCC AR4 simulations, *Geophys. Res. Lett.* 38, L06402, doi: 10.1029/2010GL046230.
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37. Satoh, M., K. Oouchi, T. Nasuno, H. Taniguchi, Y. Yamada, H. Tomita, C. Kodama, J. L. **Kinter III**, D. **Achuthavarier**, J. **Manganello**, B. **Cash**, T. Jung, T. Palmer, and N. Wedi, 2011: Intra-Seasonal Oscillation and its control of tropical cyclones simulated by high-resolution global atmospheric models. *Climate Dyn.*, doi10.1007/s00382-011-1235-6.
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39. **Wu**, R., and B. P. Kirtman, 2011: Caribbean Sea rainfall variability during the rainy season and relationship to the equatorial Pacific and tropical Atlantic SST. *Clim. Dyn.*, in press, DOI: 10.1007/s00382-010-0927-7.
40. **Xu**, L., 2011: Snow cover as a source of climate predictability: Mechanisms of snow-atmosphere coupling. *Ph.D. Dissertation*, George Mason University.
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