Peer-Reviewed Journal Articles and Reports:

In Review


2018


2017


2017


2016


2015


Paul Alan Dirmeyer  
9 April 2018


2014


2013


2012


2011


2010


2009


2008


2007


2006


2005


2004


2003


2002


2001


2000


1999


Prior to 1999


Books and Chapters:

In Review


Published


Newsletter Articles, Reports & White Papers:


Invited Seminars:

S27. "Land-atmosphere interactions in nature and models" West Virginia University Geography Colloquium series, 6 October 2017.
S22. "Land surface processes and interactions with the atmosphere" ECMWF Annual Seminar, Reading, UK, 1-4 September 2015.
S18. "Drought forecasts and land-atmosphere interactions in the NOAA climate model" AOES Climate Dynamics seminar, George Mason University, 6 November 2013.
S8. "Global Soil Wetness Products - What Can We Believe?" Seminar presented at the Department of Meteorology, University of Maryland, College Park, Maryland, USA, 16 October, 2003.
S7. "Land-Atmosphere Interactions and Climate Variability." Seminar presented at the Texas Center for Climate Studies, Texas A&M University, College Station, Texas, USA, 24 October, 2001.
S1. "GCM studies of vegetation and climate: From drought to deforestation." Seminar presented at the Ralph M. Parsons Laboratory, Massachusetts Institute of Technology, Boston, Massachusetts, USA, 14 June 1993.

Conference and Workshop Presentations:


C182. Dirmeyer, P. A., T. Ford and D. Benson 2016: Predictability of heat waves following drought events in the United States in S2S models. Workshop on Sub-Seasonal to Seasonal Predictability of Extreme Weather and Climate, Lamont-Doherty Earth Observatory, Palisades, New York, USA.


C159. Dirmeyer, P. A., 2015: Stranger in a Strange Land Model. Shukla Symposium, Bethesda, Maryland, USA.


C149. Meng, J., Y. Xia, J. Dong, P. Dirmeyer, M. Ek, R. Shrestha, Preliminary investigations on high resolution land data assimilation over CONUS region. WWOSC, Montréal, Canada, SCI-POW1049.


C144. Dirmeyer, P. A., 2014: Does the NOAA global model take full benefit of land state information for subseasonal forecasts? WMO WWRP/THORPEX-WCRP International Conference on Subseasonal to Seasonal Prediction, College Park, Maryland, USA.

C143. Xu, Li, and P. A. Dirmeyer, 2014: Snow atmosphere coupling and its associate predictability. WMO WWRP/THORPEX-WCRP International Conference on Subseasonal to Seasonal Prediction, College Park, Maryland, USA.


C133. Dirmeyer, P. A. and A. Tawfik, 2013: Validation of CFSv2 model behavior – land-atmosphere interactions and the hydrologic cycle. 38th Climate Diagnostics and Prediction Workshop, College Park, Maryland, USA.

C132. Tawfik, A. and P. A. Dirmeyer, 2013: A process-based framework for isolating large-scale and surface forcing during convection. 38th Climate Diagnostics and Prediction Workshop, College Park, Maryland, USA.


C126. Kumar, S., J. L. Kinter III and P. Dirmeyer, 2013: Role of natural climate variability in regional climate change and its application to water resources. World Environmental & Water Resources Congress, Cincinnati, Ohio, USA, #1196.


C121. Dirmeyer, P. A., J. Wei, M. G. Bosilovich, and D. M. Mocko, 2012: A water cycle perspective on the connection between precipitation extremes and circulation anomalies. 4th WCRP International Conference on Reanalyses, Silver Spring, Maryland, USA.

C120. Wei, J., P. A. Dirmeyer, M. G. Bosilovich, and D. M. Mocko, 2012: Where does the irrigation water go? An estimate of the contribution of irrigation to precipitation using MERRA. 4th WCRP International Conference on Reanalyses, Silver Spring, Maryland, USA.


C18. Dirmeyer, P. A., 1997: "What is the state of global and regional models in simulating precipitation, soil wetness, surface temperature, and runoff?" Modeling Strategy for Regional Climate Prediction and Assessment over North America: A PACS/GCIP Workshop, Silver Spring, Maryland, USA.


**Other Meetings:**


M113. WWRP/WCRP Seasonal to Subseasonal (S2S) Steering Group Meeting, Columbia University, New York, New York, USA, 8-9 December 2016.


M108. Session Chair and Workshop Advisory Committee Member, 6th International Workshop on Catchment Hydrological Modeling and Data Assimilation (CAHMDA-VI) and 3rd International Workshop on Data Assimilation for Operational Hydrology and Water Management of the Hydrologic Ensemble Prediction Experiment (HEPEx-DAFOH III), Austin, Texas, USA, September 8-12, 2014.


M105. WWRP/WCRP Seasonal to Subseasonal (S2S) Steering Group Meeting, Environment Canada, Montréal, Canada, 22 August, 2014.
M101. GEWEX Diurnal Coupling Experiment (DICE) workshop, Exeter, Devon, UK, 16-18 October 2013.
M98. NOAA Water Cycle Science Challenge Workshop, Boulder, Colorado, USA, 30 August-1 September 2011.
M96. Terrestrial Regional North American Hydroclimate Experiment (TRACE) Community Discussion Workshop, Silver Spring, Maryland, USA, 18-20 April 2011.
M89. Board on Atmospheric Science and Climate (BASC), Climate Research Committee (CRC) Spring Meeting, Washington, DC, USA, 16-17 May 2007.
M87. BASC, CRC WCRP Round-Table, Washington, DC, USA, 30 November 2006.
M82. Joint Session of the 21st CAS/JSC Working Group on Numerical Experimentation (WGNE) and 9th GEWEX Modeling and Prediction Panel (GMPP), St. Petersburg, Russia, 8-12 November 2005.
M79. Observational and Modelling Requirements for Predicting Drought on Seasonal to Decadal Time Scales, University of Maryland, College Park, Maryland, USA, 17-19 May 2005.
M78. International Satellite Land-Surface Climatology Project (ISLSCP) Science and Evaluation Workshop, University of Maryland Baltimore County, Catonsville, Maryland, USA, 3-5 May 2005.
M77. European Land Data Assimilation System (ELDAS) workshop on Land Surface Assimilation, European Centre for Medium-range Weather Forecasts, Reading, United Kingdom, 8-11 November 2004.
M75. NASA Terrestrial Hydrology Program Meeting, University of Maryland, College Park, Maryland, USA, 5-8 October 2004.
M74. 5th GEWEX Global Land Atmosphere System Study (GLASS) Science Panel Meeting, Heian Converence Center, Kyoto, Japan, 13-15 September 2004.
M73. Workshop on the Second Global Soil Wetness Project (GSWP-2), Heian Conference Center, Kyoto, Japan, 15-17 September 2004.
M64. North American Monsoon Experiment (NAME) Modeling and Data Assimilation R&D Workshop, College Park, Maryland, USA, 6 June 2003.
M63. NASA/CLIVAR Subseasonal Workshop, College Park, Maryland, USA, 4-5 June 2003.
M61. Global Water Cycle Program (GWCP) Science Steering Group Meeting, Bethesda, Maryland, USA, 6-7 January 2003.
M59. ISLSCP Future Strategy and Initiative II Meeting, Silver Spring, Maryland, USA, 8-9 October 2002
M58. 3rd GLASS Science Panel Meeting, COLA, Calverton, Maryland, USA, 2-4 October, 2002.
M57. GSWP-2 Kickoff Meeting, COLA, Calverton, Maryland, USA, 30 September-1 October 2002.
M55. Climate of the Twentieth Century (C20C) Workshop, COLA, Calverton, Maryland, USA, 22-25 January 2002.
M52. NASA/NOAA GAPP & Land Surface Hydrology Joint PI Meeting, Potomac, Maryland, USA, 30 April-4 May 2001.
M51. BAHC Synthesis Meeting, Aalsmeer, Netherlands, 7-8 March, 2001
M49. LBA Ecology Open Meeting, Atlanta, Georgia, USA, 12-14 February 2001.
M48. ISLSCP Initiative II Mid-Course Workshop, NASA/GSFC, Greenbelt, Maryland, USA, 15-17 November 2000.
M47. US CLIVAR Pan-American Principal Investigators Meeting, Potomac, Maryland, USA, 6-8 September 2000.
M45. CLIVAR Pan-American Climate System (PACS) Implementation Panel Meeting, Portland, Oregon, USA, 7-8 June 2000.
M42. Global Soil Wetness Project GSWP1.5 & GSWP2 Planning Workshop, Norman, Oklahoma, USA, 15 May 2000.
M40. GCIP PI Meeting and GEWEX America Prediction Project (GAPP) Planning Meeting, Potomac, Maryland, USA, 27-28 March 2000.
M36. GEWEX Continental-scale International Project (GCIP) Principal Investigators Meeting, College Park, Maryland, 17-19 May 1999.
M35. Global Precipitation Climatology Project (GPCP) User Workshop, Silver Spring, Maryland, 10-12 May 1999.
M21. World Climate Research Programme First International Conference on Reanalyses, Silver Spring, Maryland, USA, 27-31 October 1997.


M17. GEWEX/IGBP Workshop on Land-Surface Parameterizations and Soil-Vegetation-Atmosphere Transfer Schemes, La Jolla, California, USA, 10-14 February 1997.


M15. Chair, GEWEX Global Soil Wetness Project (GSWP) Final Meeting, Long Beach, California, USA, 8 February 1997.


M13. Chair, GEWEX Global Soil Wetness Project (GSWP) Meeting, Goddard Space Flight Center, Greenbelt, Maryland, USA, 30-31 May 1996.

M12. ISLSCP Science Panel Meeting, Goddard Space Flight Center, Greenbelt, Maryland, USA, 29-30 May 1996.

M11. Intergovernmental Panel on Climate Change (IPCC) Working Group II; Regional Impacts Study Meeting, Washington, DC, USA, 15-16 May 1996.

M10. Chair, GEWEX GSWP production team meeting, Center for Ocean-Land-Atmosphere Studies, Calverton, Maryland, USA, 24-25 August 1995.


M7. GEWEX Global Soil Wetness Workshop, Longmont, Colorado, USA, 4-6 October 1994.


M5. NATO Workshop on Prediction of Interannual Climate Variations, July 1991, International Center for Advanced Studies, Trieste, Italy, sponsored by the NATO Science Committee.


M2. Workshop on the 1988 United States Drought, May 1990, Center for Ocean-Land-Atmosphere Interactions and Department of Meteorology, University of Maryland, College Park, Maryland.