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- Dirmeyer, P. A., C. A. Schlosser, and K. L. Brubaker, 2009: Precipitation, recycling and land memory: An integrated analysis. *J. Hydrometeor.*, **10**, 278–288.
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- Dirmeyer, P. A., and J. L. Kinter III, 2009: Floods over the US Midwest: A regional water cycle perspective. *J. Hydrometeor.*, (in revision).
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- DelSole, T., M. Zhao, and P. A. Dirmeyer, 2009: A new method for exploring coupled land-atmosphere dynamics. *J. Hydrometeor.*, **10**, 1040-1050.
- Guo, Z., and P. A. Dirmeyer, 2009: Isolating the role of the land surface in land-atmosphere coupling strength. *J. Hydrometeor.* (submitted).
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- Wei, J., P. A. Dirmeyer, and Z. Guo, 2009: How much do different land models matter for climate simulation? Part II: A temporal decomposition of land-atmosphere coupling strength. *J. Climate*, (in revision).
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- Dirmeyer, P. A., Z. Guo and J. Wei, 2009: Building the case for (or against) land-driven climate predictability. iLEAPS Newsletter (submitted).
- Dirmeyer, P. A. (INVITED), Z. Guo, R. Koster, K. Brubaker, and C. A. Schlosser, 2009: Building the case for (or against) land-driven climate predictability. Water in a Changing Climate: Progress in Land-Atmosphere Interactions and Energy/Water Cycle Research Parallel GEWEX and iLEAPS Science Conferences, Melbourne, Australia.
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Other Lectures, Seminars and Meetings:

- “Land-atmosphere interaction and the water cycle” Seminar presented at SEAS Colloquium in Climate Science (SCiCS), Columbia University, 3 December 2009.
- “Multi-Model Approaches to Improve Land Surface Analyses” GEWEX/iLEAPS LANDFLUX Meeting, Melbourne, Australia 23 August 2009.
- “CLM-related research at COLA” Presented at NCAR CCSM Land Model Working Group, Boulder, Colorado, USA, 30-31 March 2009.
- World Climate Research Programme (WCRP)/ Climate Variability (CLIVAR)/ Variability of American Monsoon Systems (VAMOS) Panel 11, Miami, Florida, USA. 25-27 March 2008.
- Community Climate System Model (CCSM) Land Model Working Group (LMWG), Boulder, Colorado, USA, 20-21 February 2008.
- Center for Research on Environment and Water (CREW) WaterNet Team Meeting, Calverton, Maryland, USA, 19-20 November 2007.
- 12th Annual CCSM Workshop, Breckenridge, Colorado, USA, 19 – 21 June 2007.
- Board on Atmospheric Science and Climate (BASC), Climate Research Committee (CRC) Spring Meeting, Washington, DC, USA, 16-17 May 2007.
- 3rd Working Group on Numerical Experimentation (WGNE) Workshop on Systematic Errors in Climate and NWP Models, San Francisco, California, USA, 12-16 February 2007.
- BASC, CRC WCRP Round-Table, Washington, DC, USA, 30 November 2006.

NASA Energy and Water System (NEWS) PI Meeting, College Park, Maryland, USA, 26-28 September 2006.

"The interplay between soil moisture and climate" Seminar presented at National Center for Atmospheric Research (NCAR), Boulder, Colorado, USA 10 May 2006.

US African Monsoon Multi-disciplinary Analysis (AMMA) Workshop, Silver Spring, Maryland, USA, 4-5 May 2006.

National Science Foundation (NSF) Workshop on Innovation and Discovery, Arlington, Virginia, USA, 17-18 May 2006.

US Dept. Agriculture (USDA) Agricultural Research Service (ARS) Hydrology and Remote Sensing Laboratory (HRSL) Review, Beltsville, Maryland, USA, 21 February 2006.

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.

6th GEWEX Global Land Atmosphere System Study (GLASS) Science Panel Meeting, KNMI, DeBilt, Netherlands, 21-23 September 2005.

Joint Global Land Atmosphere System Study (GLASS) GEWEX Atmospheric Boundary Layer Study (GABLS) Workshop, KNMI, DeBilt, Netherlands, 19-21 September 2005.

"Do Global Models Properly Represent the Feedback Between Land and Atmosphere?" Seminar presented at NASA/GSFC Climate and Radiation Branch, Greenbelt, Maryland, USA 7 September 2005.

Observational and Modelling Requirements for Predicting Drought on Seasonal to Decadal Time Scales, University of Maryland, College Park, Maryland, USA, 17-19 May 2005.

International Satellite Land-Surface Climatology Project (ISLSCP) Science and Evaluation Workshop, University of Maryland Baltimore County, Catonsville, Maryland, USA, 3-5 May 2005.

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

Joint Session of the 20th CAS/JSC Working Group on Numerical Experimentation (WGNE) and 8th GEWEX Modeling and Prediction Panel (GMPP), United Kingdom Meteorological Office, Exeter, United Kingdom, 11-15 October 2004.

NASA Terrestrial Hydrology Program Meeting, University of Maryland, College Park, Maryland, USA, 5-8 October 2004.

5th GEWEX Global Land Atmosphere System Study (GLASS) Science Panel Meeting, Heian Conference Center, Kyoto, Japan, 13-15 September 2004.

Workshop on the Second Global Soil Wetness Project (GSWP-2), Heian Conference Center, Kyoto, Japan, 15-17 September 2004.

Targeted training activity - Course on climate dynamics for climate research centers and university lecturers, The Abdus Salam International Center for Theoretical Physics, Trieste, Italy, 9-27 August, 2004.

Integrated Land Ecosystem-Atmosphere Process Study (iLEAPS) Scientific Steering Committee Meeting, Helsinki, Finland, 28-29 June 2004.

Symposium on Climate Dynamics and Predictability, Center for Ocean-Land-Atmosphere Studies, 18 June 2004.

Climate system Observational and Prediction Experiment (COPE) Workshop on Seasonal Prediction, East-West Center, Honolulu, Hawaii, USA, 3-5 November, 2003.

"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.

Global Water System Project (GWSP) Open Science Conference, Portsmouth, New Hampshire, USA, 7-9 October 2003.

Project to Intercompare Land-surface Parameterization Schemes (PILPS) Semi-Arid (San Pedro/Seville) Workshop, Tucson, Arizona, USA, 27-29 August, 2003.

4th GEWEX Global Land Atmosphere System Study (GLASS) Science Panel Meeting, Tucson, Arizona, USA, 25-27 August, 2003.

3rd Global Water Cycle Program (GWCP) Science Steering Group Meeting, National Science Foundation, Arlington, Virginia, USA, 18-19 August 2003.

North American Monsoon Experiment (NAME) Modeling and Data Assimilation R&D Workshop, College Park, Maryland, USA, 6 June 2003.

NASA/CLIVAR Subseasonal Workshop, College Park, Maryland, USA, 4-5 June 2003.

NAME 4th Scientific Working Group Meeting, Boulder, Colorado, USA, 9-10 January 2003.

Global Water Cycle Program (GWCP) Science Steering Group Meeting, Bethesda, Maryland, USA, 6-7 January 2003.

US-CLIVAR Pan-American Panel Meeting, Albuquerque, New Mexico, USA, 17-18 December 2002.

ISLSCP Future Strategy and Initiative II Meeting, Silver Spring, Maryland, USA, 8-9 October 2002

3rd GLASS Science Panel Meeting, COLA, Calverton, Maryland, USA, 2-4 October, 2002.

GSWP-2 Kickoff Meeting, COLA, Calverton, Maryland, USA, 30 September-1 October 2002.

Global Water Cycle Program (GWCP) Science Steering Group Meeting, Beltsville, Maryland, USA, 29-31 July 2002.

"Three modes of climate drift in coupled land-atmosphere systems." Workshop on Prospects for Improved Forecasts of Weather and Short-Term Climate Variability on Subseasonal Time Scales, Mitchellville, Maryland, USA, 16-18 April 2002.

Climate of the Twentieth Century (C20C) Workshop, COLA, Calverton, Maryland, USA, 22-25 January 2002.

2nd GLASS Science Panel Meeting, Mètèo-France, Toulouse, France, 7-9 November, 2001.

GSWP Rhône/AGG Project Workshop, Mètèo-France, Toulouse, France, 5-7 November, 2001.

"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.

NASA/NOAA GAPP & Land Surface Hydrology Joint PI Meeting, Potomac, Maryland, USA, 30 April-4 May 2001.

BAHC Synthesis Meeting, Aalsmeer, Netherlands, 7-8 March, 2001

CEOP International Workshop, NASA/GSFC, Greenbelt, Maryland, USA, 27 February-1 March 2001.

LBA Ecology Open Meeting, Atlanta, Georgia, USA, 12-14 February 2001.

ISLSCP Initiative II Mid-Course Workshop, NASA/GSFC, Greenbelt, Maryland, USA, 15-17 November 2000.

US CLIVAR Pan-American Principal Investigators Meeting, Potomac, Maryland, USA, 6-8 September 2000.

1st GLASS Science Panel Meeting, Lucas Heights, New South Wales, Australia, 19-21 July 2000.

CLIVAR Pan-American Climate System (PACS) Implementation Panel Meeting, Portland, Oregon, USA, 7-8 June 2000.

CLIVAR Seasonal-to-Interannual Modeling, Analysis and Prediction (SIMAP) Panel Meeting, Calverton, Maryland, USA, 22-24 May 2000.

GEWEX/BAHC International Workshop on Soil Moisture Monitoring, Analysis and Prediction, Norman, Oklahoma, USA, 16-18 May 2000.

Global Soil Wetness Project GSWP1.5 & GSWP2 Planning Workshop, Norman, Oklahoma, USA, 15 May 2000.

ISLSCP/BAHC Science Panel Meeting and BAHC Synthesis Editors Meeting, Caracas, Venezuela, 10-15 April 2000.

GCIP PI Meeting and GEWEX America Prediction Project (GAPP) Planning Meeting, Potomac, Maryland, USA, 27-28 March 2000.

US CLIVAR Joint Panel Meeting, Costa Mesa, California, USA, 14-15 January 2000.

GEWEX/INSU International Workshop on Modeling Land-Surface Atmosphere Interactions and Climate Variability, Gif-sur-Yvette, France, 4-8 October, 1999.

BAHC/GCTE/GEWEX Workshop on Modeling Root Water Uptake in Hydrological and Climate Models, Gif-sur-Yvette, France, 30 September - 2 October 1999.

GEWEX Continental-scale International Project (GCIP) Principal Investigators Meeting, College Park, Maryland, 17-19 May 1999.

Global Precipitation Climatology Project (GPCP) User Workshop, Silver Spring, Maryland, 10-12 May 1999.

"The evaporative sources of moisture supplying rainfall over the central United States" University of Maryland, Dept. of Civil Engineering seminar, 3 May 1999.

First Biospheric Aspects of the Hydrologic Cycle (BAHC) Synthesis Workshop, Obereggen, Italy, 6-12 March 1999.

Common Land Model Development Workshop, Tucson, Arizona, 1-3 March 1999.

International Workshop on the Land-Surface Water Budget, Tsukuba, Japan, 19-21 January 1999.

Joint CAS/JSC Working Group on Numerical Experimentation (WGNE) 14th Session, and GEWEX Modelling and Prediction Panel (GMPP), Second Session, RPN, Montreal, Quebec, Canada, 2-6 November 1998.

NASA EOS Investigators Working Group Meeting, University of New Hampshire, Durham, New Hampshire, 19-21 October 1998.

ECMWF and WCRP/GEWEX Workshop on Modelling and Data Assimilation for Land-Surface Processes, ECMWF, Reading, England, 29 June - 2 July 1998.

NCAR Climate System Model (CSM) Workshop, Breckenridge, Colorado, 22-24 June 1998.

IGBP Biospheric Aspects of the Hydrologic Cycle (BAHC) 8th Scientific Steering Committee Meeting, UNESCO Headquarters, Paris, France, 30 April - 1 May 1998.

International Workshop on Land Surface Data in Climate and Weather Models, UNESCO Headquarters, Paris, France, 28-29 April 1998.

International Satellite Land-Surface Climatology Project (ISLSCP) Science Panel Meeting, UNESCO Headquarters, Paris, France, 27-28 April 1998.

GCIP Post-2000 Vision Meeting, Wheaton, Maryland, 20-21 April 1998.

Southern Great Plains 1997 (SGP97) Hydrology Project Workshop, Columbia, Maryland, 3-5 March 1998.

CSM Land-Model Working Group Meeting, Boulder, Colorado, 19-20 February 1998

"The Global Soil Wetness Project." Institute for Computational Sciences and Informatics seminar, George Mason University, Fairfax, Virginia, USA, 3 November 1997.

World Climate Research Programme First International Conference on Reanalyses, Silver Spring, Maryland, USA, 27-31 October 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, 1-3 October 1997.

"The Global Soil Wetness Project." NASA/GSFC Climate and Radiation Branch seminar, Greenbelt, Maryland, USA, 17 September 1997.

International Satellite Land-Surface Climatology Project (ISLSCP) Science Panel Meeting, Silver Spring, Maryland, USA, 10-11 July 1997.

"The Global Soil Wetness Project." NCEP sack lunch seminar, Camp Springs, Maryland, USA, 8 July 1997.

NCAR Climate System Model (CSM) Workshop, Breckenridge, Colorado, USA, 24-26 June 1997.

IGBP Biospheric Aspects of the Hydrologic Cycle (BAHC) 7th Scientific Steering Committee Meeting, Polson, Montana, USA, 29 May-1 June 1997.

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

Session Chair, AMS Conference on Hydrology, Long Beach, California, USA, 2-8 February 1997.

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

Large-Scale Biosphere-Atmosphere Experiment in Amazonia (LBA) Science Meeting, São Jose dos Campos, Brazil, 27-29 June 1996.

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

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

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

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

International Union of Geodesy and Geophysics, XXI General Assembly, Boulder, Colorado, USA, 2-14 July 1995.

ISLSCP Science Panel Meeting, Goddard Space Flight Center, Greenbelt, Maryland, USA, 15-16 June 1995.

Review Panelist, NOAA Climate and Global Change Program FY95, GEWEX Panel, Silver Spring, Maryland, USA, 14-15 December 1994.

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

Chair, Meeting on Problems in Initializing Soil Wetness, Center for Ocean-Land-Atmosphere Studies, Calverton, Maryland, USA, 19 August 1994.

"Aspects of tropical deforestation and their effects on climate." Seminar presented at the Department of Meteorology, Florida State University, Tallahassee, Florida, USA, 20 January 1994.

"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.

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

Summer School for Earth Sciences, "Processes of Global Change", August 1990, California Institute of Technology, Pasadena, California, USA, sponsored by NASA Jet Propulsion Laboratory.

Mini Symposium on Climate and Global Change, June 1990, International Center for Earth and

Environmental Sciences, Trieste, Italy, sponsored by the United Nations Industrial Development Organization.

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.

"The role of non-linearity in the structure of stationary waves in a one-layer spectral model." Paper presented at Graduate Research Interaction Day, University of Maryland, sponsored by the Graduate Student Association, 19 April 1989