

Water Center & School of Natural Resources

Spring 2012 Water Seminar Series and Surface & Groundwater Modeling Subseries*

JANUARY

- 11** *Formulating, Applying and Constraining Hydrological Models: Modeling 101*
William Woessner, University of Montana
3:30-4:30pm, Hardin Hall Auditorium
- 18** *Using Hydrologic Models to Estimate the Impact of Climate Change on River Flows, Water Supply Reliability and Ecosystem Responses*
Richard Palmer, University of Massachusetts Amherst
3:30-4:30pm, Hardin Hall Auditorium
Co-sponsored by the School of Natural Resources
- 25** **Williams Memorial Lecture**
The Future of HydroInformatics for Managing Water
David Maidment, University of Texas-Austin
3:30-4:30pm, Hardin Hall Auditorium

FEBRUARY

- 1** *Managing Africa's Water*
Marc Andreini, University of Nebraska
3:30-4:30pm, Hardin Hall Auditorium
- 8** *Ecohydrology: Coupling, Connectivity, and Challenges in Forested Catchments*
Holly Barnard, University of Colorado-Boulder
3:30-4:30pm, Hardin Hall Auditorium
- 22** *Can Technological Optimism Trump the Politics of Scarcity? Water Resource Management in the Middle East*
Alon Tal, Ben Gurion University of the Negev
3:30-4:30pm, Hardin Hall Auditorium
Co-sponsored by the Norman and Bernice Harris Center for Judaic Studies, UNL
- 29** *Valuation of Freshwater Ecosystem Goods and Services*
Walter Dodds, Kansas State University
3:30-4:30pm, Hardin Hall Auditorium

MARCH

- 2** *Review of Water Quantity and Quality Applications of the SWAT Model in the USA*
Raghavan Srinivasan, Texas A & M University
11:00-12:00pm, Scott Engineering Center 111
Co-sponsored by Environmental and Water Resources Engineering

- 7** *Missouri River Mainstem Reservoir System - Lessons Learned from 2011 Flood of Record*
Kevin Grode, US Army Corps of Engineers
3:30-4:30pm, Hardin Hall Auditorium
- 28** **Williams Memorial Lecture**
Integrating Hydrology and Economics: The Challenge of Practical Modelling
Richard Howitt, University of California, Davis
3:30-4:30pm, Hardin Hall Auditorium

APRIL

- 4** *Environmental Flows in an Arid Landscape*
Shannon Brewer, Oklahoma State University
3:30-4:30pm, Hardin Hall Auditorium
- 11** *Modeling and Forecasting a Groundwater-Dominated Ecosystem*
David Steward, Kansas State University
3:30-4:30pm, Hardin Hall Auditorium
- 13** *Hydroinformatics: Optimization and Uncertainties of Integrating Data, Models and Decisions*
Dimitri Solomatine, UNESCO-IHE Institute for Water Education
11:00-12:00pm, Scott Engineering Center 111
Co-sponsored by Environmental and Water Resources Engineering
- 18** *Assessing the Ecohydrological Effects of Land Use Change Across Multiple Scales: From Leaves to Watersheds*
Heidi Asbjornsen, University of New Hampshire
3:30-4:30pm, Hardin Hall Auditorium
- 20** *A Physically-Based Approach to Assess the Impact of Climate Change on Canadian Water Resources*
Edward Sudicky, University of Waterloo
3:30-4:30pm, Bessey Hall Room 117
Co-sponsored by Department of Earth and Atmospheric Sciences
- 25** *Economics, Engineering and Law: The Realities of Moving Large Quantities of Water Long Distances*
Mark Pifer, Aurora Water; Don Blankenau, Blankenau Wilmoth LLP; Terry McArthur, HDR Engineering, Inc.
3:30-5pm, Hardin Hall Auditorium

**Modeling seminars in red.*



Most seminars will be taped and most speaker materials will be available for viewing online at watercenter.unl.edu



watercenter.unl.edu or (402) 472-3305