

■ Breakthroughs in Water Security Research: The Global Institute for Water Security Distinguished Lecture Series

The Global Institute for Water Security (GIWS), in conjunction with the School of Environment and Sustainability (SENS), is proud to present a weekly seminar series featuring the top water experts from around the world. These lectures are free and open to the public. Additionally, graduate students are able to enroll in the series for credit (as part of *ENVS 827, Breakthroughs in Water Security Research*).

Week 2: Prof. Ximing Cai

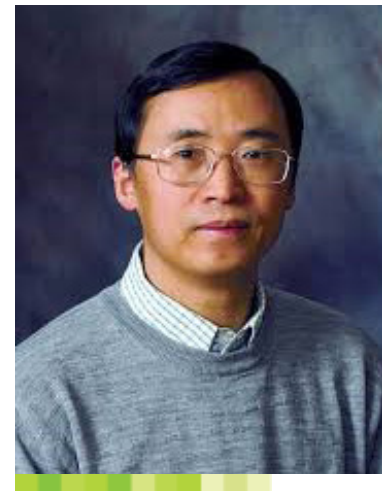
The Human Dimension of Water Resources Systems: Implications for Research and Management Practices

Wednesday, October 4, 2017

3:30 p.m.

Innovation Place Candle Room

Professor Ximing Cai is a research leader in integrated hydrologic-economic modeling for river basin management and water systems operations. His current research areas include coupled human-natural system analysis with an emphasis of human interferences in hydrological processes, water-energy-food system modeling especially in dry areas, and sustainable water resources management particularly in developing countries. He has authored or co-authored over 136 peer reviewed journal papers, 3 books and several monographs. He currently serves as Editor for *Water Resources Research* and Editorial Board of other major water journals. He has obtained several awards including U.S. National Science Foundation Career Award and Best Paper Awards with *Water International* and *J. of Water Resources Planning and Management*. He has worked as consultant to the World Bank, United Nations and other international agencies. He teaches undergraduate and graduate courses in civil engineering systems and engineering economics, environmental and water resources systems analysis, water resources engineering, surface water hydrology, and river basin management.



Before joining the faculty of the University of Illinois in 2003, Professor Cai served as a Research Fellow at the International Food Policy Research Institute in Washington, D.C. He holds a B.S. in Water Resources Engineering (1990) and an M.S. in Hydrology and Water Resources (1994) from Tsinghua University, Beijing, and a Ph.D. in Environmental and Water Resources Engineering (1999) from the University of Texas at Austin.

For more details on the Distinguished Lecture Series, please visit usask.ca/water



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