Lessons Learned from Analyzing Long-Term High-Resolution Multi- Constituent Hydroclimate and Water Quality Data

TUESDAY, APRIL 9, 2019
3:00 PM
325 Brooks Hall

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Science-based understanding of natural and anthropic influence on water quantity, water quality and environmental flows is important to sustainable use of water resources in the 21st century. However, there is a lack of information available to make informed policy and management decisions. Long-term high-resolution multi- constituent datasets collected from select representative experimental watersheds can be used to provide baseline data and develop reliable management tools useful for regional efforts in ungauged watersheds. This seminar will present key findings from Hinkson Creek watershed, a highly instrumented representative experimental watershed of the central U.S. Results from a statewide environmental flows assessment of Missouri streams will also be discussed.