

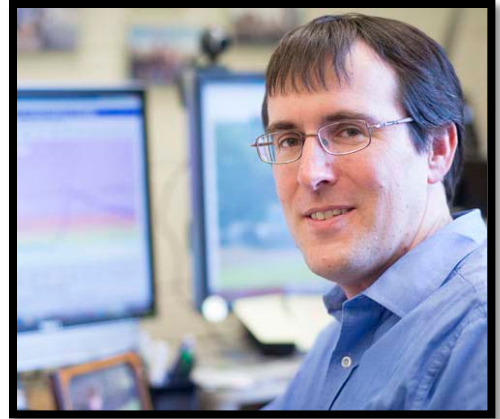
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Keith Cherkauer is an Assistant Professor of Agricultural and Biological Engineering at Purdue University. He received a B.A. in Physics from Augustana College, Rock Island, Illinois; an M.S. in Aerospace Engineering (Environmental Remote Sensing) from the University of Colorado, Boulder, Colorado; and a Ph.D. in Civil and Environmental Engineering from the University of Washington, Seattle, Washington. Before joining the ABE department in 2004, he worked for two years as a Research Scientist in Civil and Environmental Engineering at the University of Washington.

Keith works to integrate field based observations, remote sensing products and hydrology models to address questions and concerns related to environmental change and to further our understanding of land-atmosphere interactions and the hydrologic cycle. His recent research has included assessing the impact of climate and land use change on water resources and crop production. This has included using remote sensing from satellite, aircraft and unmanned aircraft systems (UAS) to capture the physical development of crops and quantify climate and weather impacts on biomass. He has been working on phenotyping soybeans and sorghum with UAS since 2013.

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