

*The Department of Building, Civil, and Environmental Engineering
is pleased to present*

Dr. Graham Strickert
University of Saskatchewan

Friday, March 24th, 2017 from 3:30 to 4:30 pm
in room EV 11.119

**Adventures in Socio-hydrology: Blending science, art and traditional
knowledge to increase water security in the Anthropocene**

Abstract: Socio-hydrology is about bringing people (i.e. values, attitudes and perspectives) into water science so we can examine water futures. Including people in water sciences is critical during this era dubbed the Anthropocene – a new geological age during which human activity is the dominant influence on climate and the environment. The relationships that we as human beings have with the natural world is clearly visible in the various signals we observe in hydrological systems; prognosis for future health of these systems and all life that depends on them is bleak. To avoid ecological and social catastrophes necessitates that we are better stewards of water through the co-production of knowledge that draws on science, local and traditional knowledge and even art. Four examples will be discussed outlining knowledge co-production including: The Invitational Drought Tournament, Performing Perspectives on Water Security, an Experimental Decision Lab for Water Security and the Delta Dialogue Network's mixed media Delta Display Exhibition Tour. Drawing on these examples, the presentation illustrates how integrated methodologies can connect different ways of knowing (e.g. social and biophysical knowledge, local and traditional knowledge, and mixed media art) to place people into decision spaces that facilitate empathy with a range of different viewpoints while they consider a range of different water futures.

Bio: Dr. Graham Strickert is an Assistant Professor at the School of Environment and Sustainability and a founding member of the Global Institute for Water Security at the University of Saskatchewan. Dr. Strickert's research seeks to better understand how different people think about and use water and how their thinking influences behavior and water use. In short, his work uses a range of social science tools to incorporate people's values and attitudes into water sciences. His research also focuses on effective communication of science through collaboration between artists and scientists. Currently, Graham is the theme leader of Outreach and Engagement for the Changing Cold Regions Network (Funded by NSERC), a co-investigator with the Delta Dialogue network (Funded by SSHRC) and the principal investigator for the Human Dimensions of a

Thawing Landscape (funded by SSHRC). Graham received the 2014 University of Saskatchewan Award for Distinction in Outreach for Public Service. He lives in Saskatoon with wife and two children and loves to spend time in the outdoors sailing, biking, canoeing, skiing, kitesurfing.