

# ■ 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*).

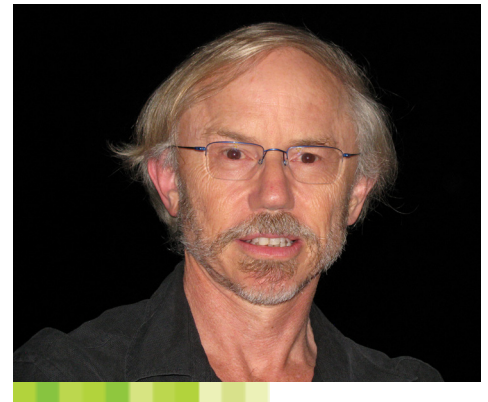
## Week 1: Prof. William Dietrich

***The Soil is Not Enough: Going Inside Hillslopes to Understand Moisture Return to the Atmosphere, and Controls on Tree Distribution, Stream Ecosystems and Landscape Evolution***

**Wednesday, September 27, 2017**

**3:30 p.m.**

Diefenbaker Canada Centre Prairie Room



William Dietrich is a Professor in the Department of Earth and Planetary Science and Department of Geography at the University of California, Berkeley. His research focuses on the processes that underlie the evolution of landscapes. In particular, William and his colleagues are developing geomorphic transport laws for soil production, weathering and transport, and river and debris flow incision into bedrock. He is also collaborating in an intensive field investigation to identify, quantify, and model the processes that will control the co-evolution of climate, vegetation and water availability in Northern California forested landscapes.

Author or co-author of 249 published papers, conference proceedings or book chapters, Professor Dietrich is the director of the Eel River Critical Zone Observatory and co-founder of the National Science Foundation supported National Center for Airborne Laser Mapping. He is a fellow of the American Geophysical Union (AGU), Geological Society of America, National Academy of Sciences and British Society for Geomorphology. William has been the deputy editor of *Water Resources Research* and is currently the president of the AGU Earth and Planetary Surface Processes Focus Group.

**For more details on the Distinguished Lecture Series, please visit [usask.ca/water](http://usask.ca/water)**



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