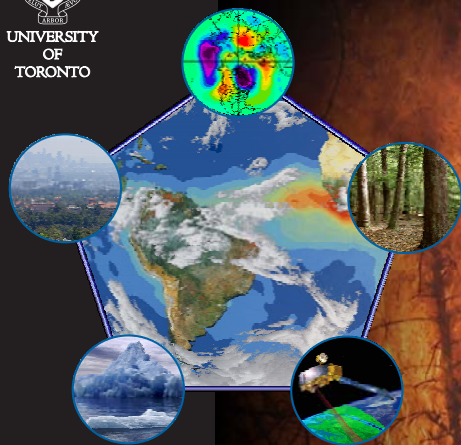


# CENTRE FOR GLOBAL CHANGE SCIENCE

## DISTINGUISHED LECTURER SERIES



UNIVERSITY  
OF  
TORONTO



**Fall 2016:**

Bahen Centre, 40 St. George Street,  
Room BA1210, 4:10 p.m.

**Spring 2017:**

Bahen Centre, 40 St. George Street,  
Room BA1180, 4:10 p.m.

[www.cgcs.utoronto.ca/Series/Lecture\\_Series.htm](http://www.cgcs.utoronto.ca/Series/Lecture_Series.htm)

**September 13**

**Alan Mix**

*Oregon State University*

“Long-term Consequences of Climate “Tipping Points” viewed from Petermann Glacier, Northern Greenland.”

**September 27**

**Avner Vengosh**

*Duke University*

“The Energy-Water Quality Nexus: Environmental Implications for the Shale Evolution in the United States.”

**October 11**

**Eric Steig**

*University of Washington*

“On the Causes of Rapid Climate Change (Dansgaard-Oeschger) Events and their Global Expression.”

**October 18**

**Alex Wolfe**

*University of Alberta*

“The Anthropocene as a New Epoch of Geologic Time: Serious Stratigraphy or Fanciful Folly?”

*University of Toronto, Mississauga  
Room 3130, 4:10 p.m.*

**October 25**

**John Robinson**

*University of Toronto*

“Making a Difference: Universities as Living Labs and Agents of Change.”

**November 8**

**Saroja Polavarapu**

*Environment Canada*

“Estimating Sources and Sinks of Carbon Using Atmospheric Observations: The Role of CO<sub>2</sub> Predictability.”

**November 22**

**Anders Levermann**

*Potsdam Institute*

“Sea-Level Rise: Antarctica's Ways of Losing Ice.”

**December 6**

**Charley Driscoll**

*Syracuse University*

“Effects of Changing Climate on the Structure and Function of the Northern Forest.”

**March 28**

**David Barber**

*University of Manitoba*

“Climate Forcing of Sea Ice: Causes and Consequences.”

**March 14**

**Rodney Weber**

*Georgia Tech*

“Atmospheric Particulate Matter, Oxidative Stress and Health Effects.”

**February 28**

**Christian Frankenberg**

*Caltech*

“Remote Sensing of Solar Induced Chlorophyll Fluorescence as proxy for photosynthetic activity.”

**February 14**

**Karen Johannesson**

*Tulane University*

“Biogeochemistry of Trace Elements in Groundwater Flow Systems.”

**February 7**

**Merritt Turetsky**

*University of Guelph*

“Megafires, Permafrost Thaw, and the Loss of Ecological Legacies in Canada's North.”

*University of Toronto, Scarborough  
Time and Room, TBA*

**January 31**

**Allison Steiner**

*University of Michigan*

“Modeling Atmospheric Chemistry Across Scales: From the Forest canopy to regional climate.”

**January 17**

**Erik Kort**

*University of Michigan*

“From North Dakota to the Southern Ocean: Surprising Observations with Climate and Air Quality Implications.”

Fort McMurray Fires, started May 2016