

*Sponsored by the IP3 Cold Regions Hydrology Research Network  
in association with the Canadian Foundation for Climate and Atmospheric Sciences,  
the Centre for Hydrology at the University of Saskatchewan, the Biogeoscience Institute at the University of Calgary,  
the Western Canadian Cryospheric Network, the Western Watersheds Climate Research Collaborative,  
the United Nations Water for Life Decade, the Canadian Rockies Public Schools and Lafarge North America*

## The Canadian Rockies Snow and Ice Initiative is proud to announce its 2010 Speaker Series

All Presentations to be held at the Canmore Collegiate High School Theatre  
Presentations begin at 7:00 PM each night, followed by refreshments

### Tuesday, 26 January 2010, 7:00 PM

Dr. John Pomeroy, Canada Research Chair in Water Resources and Climate Change, University of Saskatchewan, Saskatoon

Title: *Canadian Rockies Snow and Ice Initiative: Creating A "Canadian Davos" in the Bow Valley*

Presentation followed by questions and a moderated audience discussion with Canadian Rockies Snow and Ice Initiative members on what this scientific research program can mean for Canmore and the Bow Valley

### Wednesday, 10 February 2010, 7:00 PM

Dr. Juan Ignacio Lopez Moreno, Instituto Pirenaico de Ecologia, Consejo Superior de Investigaciones Cientificas, Zaragoza, Spain

Title: *Environmental change and water resources in the Pyrenees: Facts and future perspectives for Mediterranean Mountains*

### Wednesday, 3 March 2010, 7:00 PM

Dr. Gwenn Flowers, Canada Research Chair in Glaciology, Simon Fraser University, Burnaby, British Columbia

Title: *Water under glaciers: Why some glaciers flow fast and what this means for their survival*

### Wednesday, 24 March 2010, 7:00 PM

Dr. Matthias Bernhardt, Department of Geography, Ludwig-Maximilians-University, Munich, Germany

Title: *Research on snow and glaciers in the European Alps*

### Wednesday, 7 April 2010, 7:00 PM

Dr. Tobias Jonas, WSL Institute for Snow and Avalanche Research, Davos, Switzerland

Title: *History and Activities of the Swiss Institute for Snow and Avalanche Research*

### Wednesday, 19 May 2010, 7:00 PM

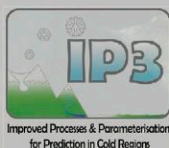
Dr. Shawn Marshall, Canada Research Chair in Climate Change, University of Calgary

Title: *Glacier fluctuations: What glaciers tell us about global climate change*

Scientific research conducted by the IP3 and Western Canadian Cryospheric Network researchers indicates that 300 glaciers disappeared in the Canadian Rockies between 1920 and 2005. Between 1985 and 2005 Alberta lost 25.4% or a full quarter of its glacial ice as measured by area. Research indicates that the same warming trends that are responsible for the melting of alpine glaciers will also diminish snowpack and snow cover further reducing flows in rivers that have their origins in the Rocky Mountains.

For further information on the Canadian Rockies Snow and Ice Initiative or this lecture series please contact

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