



The Arctic Institute of North America presents the 2017 – 2018

# Arctic Speaker Series

## Biospheric feedbacks and the 'Arctic Amplification' of climate change

**Date:** Wednesday,  
March 14, 2018

**Time:**  
4:00 – 5:00 pm

**Location:** University of Calgary;  
Math Sciences 527

As a region, the Arctic is warming faster than any other part of the planet; it is both a sentinel of global change and a key component of the climate system.



In this talk Phil will highlight the subtle yet potentially powerful linkages between the biosphere, the cryosphere and the atmosphere in the Arctic, and how these matter to us all. Presenting some of his own research in northern Fennoscandia, and in the Northwest Territories of Canada, Phil aims to illustrate several key feedbacks between the biosphere and the atmosphere, and the biological processes underpinning them.

We can no longer view the Arctic as a pristine wilderness way over the northern horizon; it's an integral part of the 'life support system' upon which we all depend - Planet Earth.

**Biography:** Phil Wookey joined the University of Stirling in July 2017, as Professor in Ecosystem Ecology, from Heriot-Watt University in Edinburgh.



Phil is an ecosystems ecologist/biogeochemist, whose principal research focus is on high latitude ecosystems and environmental change. He has worked in the Arctic/sub-Arctic since 1993, and was previously based at Uppsala University, in Sweden, for over seven years. He is passionate about 'The North', and attributes his love of cold, snowy and windswept places to his maternal heritage (from Sutherland, in the north of Scotland), going on expedition to North Iceland as an undergrad, reading Jack London novels, and possibly also to the lyrics of a Led Zeppelin song!

This event is **free and open to the public**

There will be a reception in the AINA offices (ES-1040) immediately following the presentation

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