

# Links between low, mid, and high latitudes

John C. Fyfe  
Environment and Climate Change Canada  
Canada  
john.fyfe@canada.ca

## **Abstract**

I'll discuss two prominent phenomena where teleconnections are central.

1. The recent warming slowdown combines a global response to variability in the tropical Pacific with a cooling impact from tropical volcanic eruptions. Climate models have helped with this understanding. I'll review the modelling evidence and uncertainties involved.
2. Arctic sea ice loss may have contributed to changes in midlatitude weather and climate. Some climate models support this notion while others do not. I'll describe a few key model studies and identify some model deficiencies.