

Sovereignty on Thin Ice

Arctic Security in an Era of Climate Distruption and Geopolitical Fracture

Thursday January 21, 2027 | Doors open 6:00pm
The Military Museums, 4520 Crowchild Trail SW, Calgary

The Arctic faces a double rupture: a rapidly changing climate and a fracturing geopolitical order. Together, these disruptions challenge the historical foundations of Arctic security and sovereignty. Drawing on climate science, environmental modelling and integrated risk assessment, this lecture explores how their convergence generates compound and cascading risks to northern communities, critical infrastructure, and military readiness. It makes the case for a shift from reactive preparedness to anticipatory security.

Securing the Arctic in the 21st century requires not only the capacity to defend it, but the capacity to anticipate what it is becoming.

Dr. Tricia Stadnyk, P.Eng., is a Professor of Engineering and Geography at the University of Calgary, a Canada Research Chair in Hydrologic Modelling, and a Fellow of CMSS.

The Highlander's Lecture Series is hosted by the Centre for Military, Security and Strategic Studies.

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