



THE NATO CLIMATE CHANGE
AND SECURITY CENTRE OF EXCELLENCE

THE CONFERENCE OF
DEFENCE ASSOCIATIONS INSTITUTE



MONTREAL
CLIMATE SECURITY
SUMMIT

SOMMET
SUR LA SÉCURITÉ CLIMATIQUE DE
MONTREAL

DUSTIN WHALEN

Physical Scientist

[Natural Resources Canada](#)

Dustin Whalen, a scientist with Natural Resources Canada has participated in over 50 field expeditions to the Western Canadian Arctic to study coastal dynamics in a changing climate. His research is focused on the impacts of climate change to: Inuit people, communities, marine eco-systems, and industrial development. Over that time, and through shared experiences, extensive consultation and knowledge transfer with the Inuvialuit he has gained extensive holistic and scientific knowledge and contributed to the study and long-term monitoring of coastal erosion processes and oceanographic drivers of change. He is a recipient of the Arctic Inspiration Prize for the Tuktoyaktuk Community Climate Resiliency project (TCCRP); a community-based project centered around building capacity and inspiring future leaders in the North to not only understand but have the tools to adapt to an unpredictable future in this accelerated change of landscape and way of life. Dustin has published widely on coastal erosion, permafrost-ocean interactions, Arctic carbon flux, and community-based research contributing to both science and policy discussions on climate resilience in the North.

