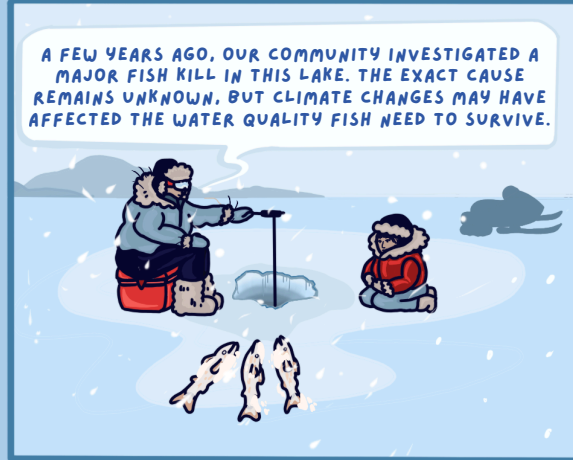


FROST · Understanding the Future of Arctic Lake Food Systems



ARCTIC LAKES ARE ESSENTIAL TO NORTHERN COMMUNITIES, PROVIDING FOOD, DRINKING WATER, AND DEEP CULTURAL MEANING, BUT WARMING WINTERS ARE AFFECTING NORTHERN LIVELIHOODS...



OUR RESEARCH QUESTIONS: HOW ARE WARMER, SHORTER WINTERS TRANSFORMING ARCTIC LAKES?

What happens to ice cover (its duration, thickness, and quality) and how do these changes ripple through food webs and year-round food security?

- Unexpected fish die-offs
- Changes in fish health or taste
- Growing safety concerns

FROST INVESTIGATES HOW CLIMATE WARMING IS RESHAPING ARCTIC LAKE ECOSYSTEMS ACROSS BOTH ICE-COVERED AND OPEN-WATER SEASONS, AND WHAT THIS MEANS FOR NORTHERN COMMUNITIES.

WE STUDY ice, snow, water temperature, oxygen, and light under the ice, because these changes directly affect fish health, survival, and the quality of food people depend on, such as Arctic char.

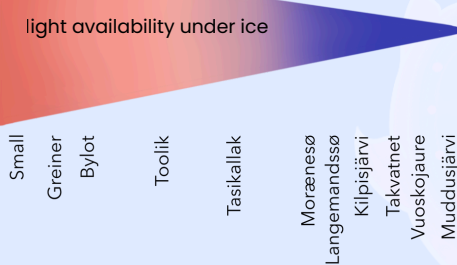


We collaborate closely with Inuit and Sámi knowledge holders and community partners to understand observed changes and their impacts on their livelihoods.

Our goal is to support safer access to fishing areas and help protect local food sources.

WHO WE ARE:

Inuit and Sami organizations from Nunavut, Nunavik, Greenland and Finland, as well as scientists from Canada, United States, Norway, Denmark, Sweden and Finland.



I BELIEVE IN A SUSTAINABLE AND STRONG ARCTIC



How to join us

QUESTIONS? WANT TO BE INVOLVED? OR SHARE RELEVANT OBSERVATIONS :
www.frost-lakes.com contact.frostresearch@gmail.com IG/Fb @Frostresearch

