

The sea ice...

Iqaluktuuttiaq, Nunavut

A frozen landscape

A surface to travel on

A regulator of global temperatures

Hunting and fishing grounds

A home

...is decreasing.

A team of researchers and local knowledge holders from Iqaluktuuttiaq is exploring technologies to preserve the sea ice.

Canadian High Arctic
Research Station

Inspired by nature's wisdom, this collaborative team of scientists has created a

Recipe for sea ice



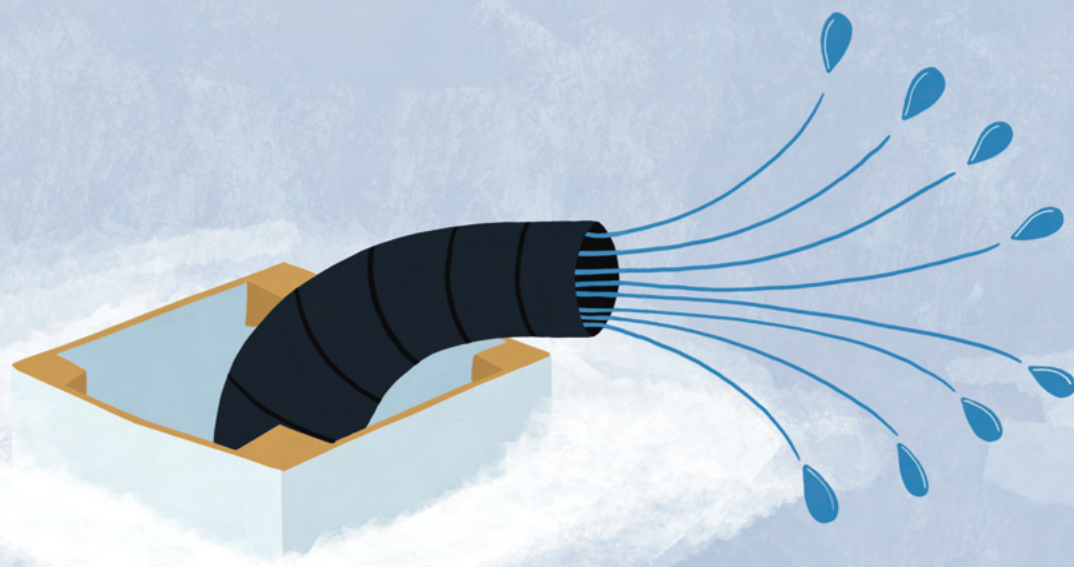
Select a site and
set up camp



Drill a hole with
an ice auger



Insert a temporary dam (to keep
the water out) and a pump



Activate the pump and let it
run until it creates a sufficient
layer of water on the surface



The water will freeze and
create new layers of ice



These patches of ice created all around the study site could increase the average ice thickness in the area and make it safer for community members to travel over ice.

Illustrations by Maya Chartier