

Climate change threatens migratory tundra caribou



Caribou futures in a warming Arctic



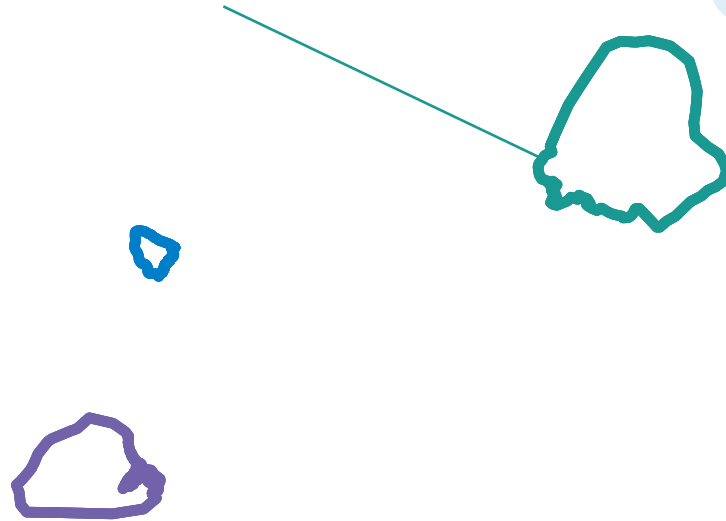
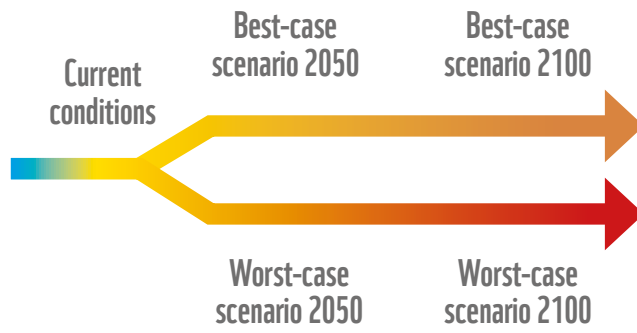
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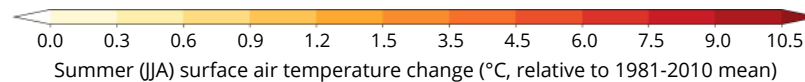
CENTRAL ARCTIC



BATHURST

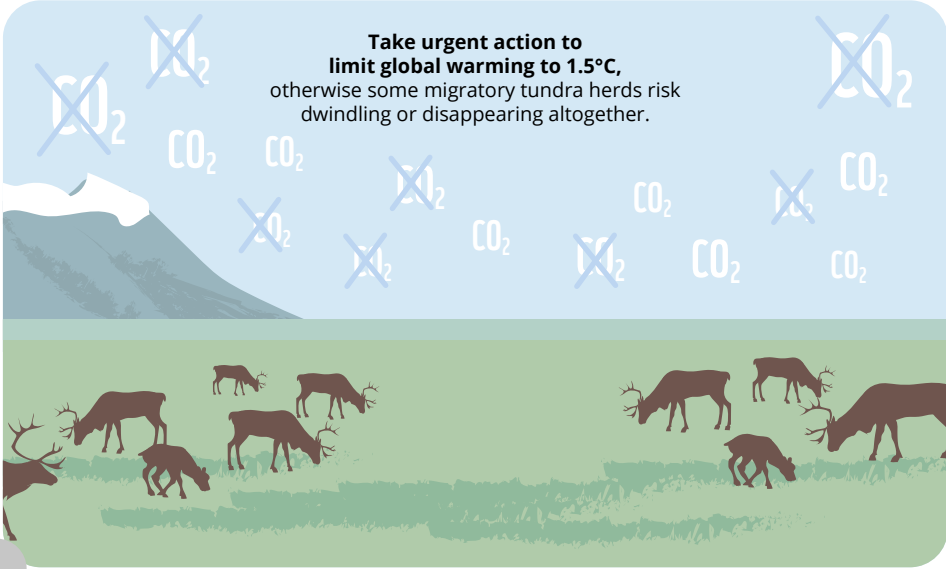


Number of caribou

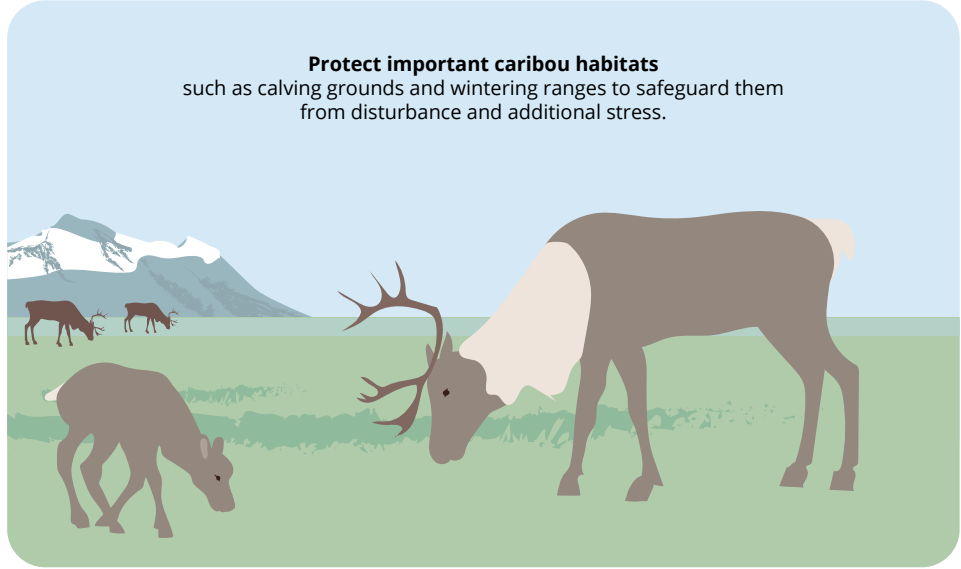


The study models best- and worst-case climate scenarios 2050 and 2100 to assess potential impacts on three caribou herds. These climate scenarios correspond to emissions and socio-economic development pathways from the IPCC Sixth Assessment Report. The best-case scenario (SSP1-1.9) assumes global warming is limited to 1.5°C, while the worst-case scenario (SSP5-8.5) projects warming of over 4°C.

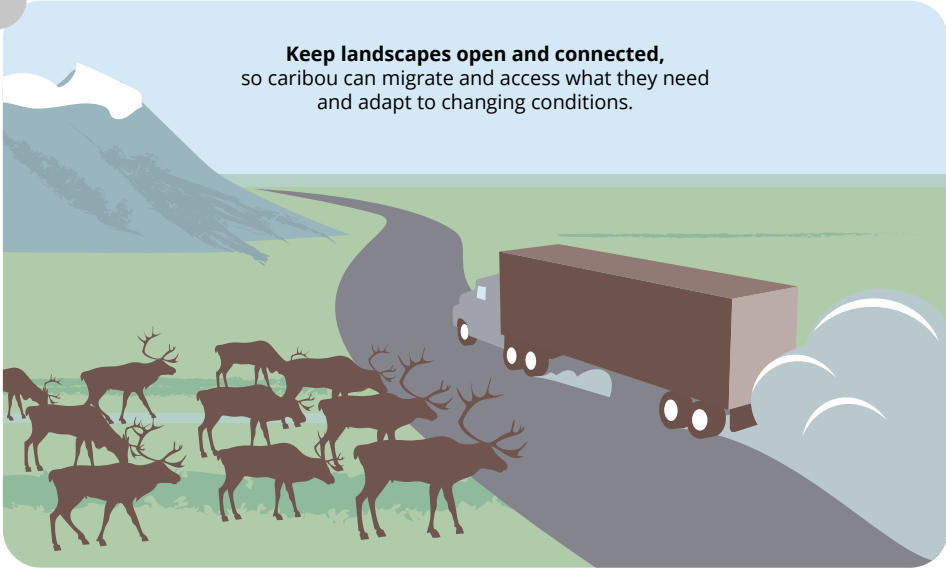
What policymakers can do to protect migratory tundra caribou



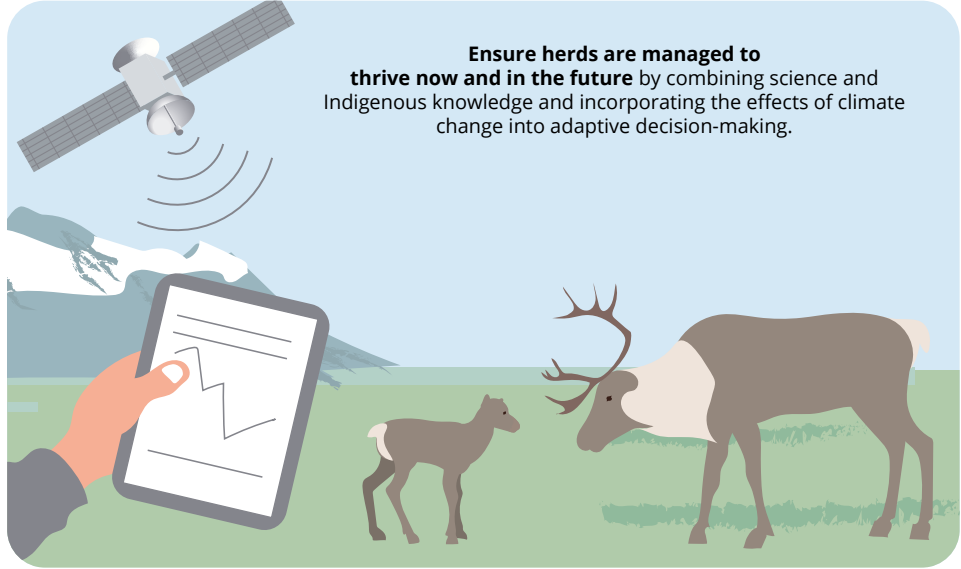
Take urgent action to limit global warming to 1.5°C, otherwise some migratory tundra herds risk dwindling or disappearing altogether.



Protect important caribou habitats such as calving grounds and wintering ranges to safeguard them from disturbance and additional stress.



Keep landscapes open and connected, so caribou can migrate and access what they need and adapt to changing conditions.



Ensure herds are managed to thrive now and in the future by combining science and Indigenous knowledge and incorporating the effects of climate change into adaptive decision-making.