

# PROTECT THE ARCTIC



Photo: Anne-Maria Yritys, Levi/Finland. <https://www.leadingwithpassion.org>

"Climate change is faster and more severe in the Arctic than elsewhere on Earth". -WWF



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"The Arctic is warming at a rate of almost twice the global average". -WWF



"The sea ice that is a critical compound  
of Arctic marine ecosystems is  
projected to disappear during Summer  
months within the next decade".

-WWF



"Albedo effect: As the Arctic loses snow & ice, bare rock and water absorb more of the sun's energy, making it even warmer". -WWF



"Sea level expected to rise by  
one metre by 2100 due to  
melting ice". -WWF



"13.3 % decrease in Arctic sea  
ice extent each decade". -WWF



Photo: Anne-Maria Yritys, Levi/Finland. <https://www.leadingwithpassion.org>

"A small temperature shift can have enormous impacts". -WWF



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"Some Arctic fisheries will likely disappear". --WWF



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"A warmer Arctic could halt the Gulf Stream, which brings warmer water & weather to north-western Europe". -WWF



"Due to increased carbon dioxide  
in the atmosphere, the world's  
oceans are 30% more acidic  
now". -WWF



"Acidic oceans threaten Arctic  
life". -WWF



Photo: Anne-Maria Yritys. Levi/Finland. <https://www.leadingwithpassion.org>

"Climate change in the Arctic is  
a global problem". -WWF



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"The Arctic strongly influences  
the planet's climate and  
weather". -Greenpeace



Photo: Anne-Maria Yritys. Levi/Finland. <https://www.leadingwithpassion.org>

"Ban oil drilling and destructive  
fishing in Arctic waters".  
-Greenpeace



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"The effect of Arctic climate change will have profound local, regional & global implications".  
-Arctic Council





"Vulnerable ecosystems in the  
Arctic are under threat".  
-Arctic Council



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"Sea ice, snow cover, glaciers  
and permafrost are all  
diminishing due to Arctic  
warming". -Arctic Council



"Hunting, fishing and herding activities are threatened by changes in snow & ice conditions". -Arctic Council



"The accelerating loss from the  
Greenland ice sheet contributes  
to global sea level rise".  
-Arctic Council



"The world can no longer take  
Arctic environmental well-being  
for granted". -Arctic Council



Photo: Anne-Maria Yritys. Levi/Finland. <https://www.leadingwithpassion.org>

"The future of the Arctic and its biodiversity requires an active and decisive approach to conservation and sustainability".

-Arctic Council



"The Arctic is home to  
thousands of species that are  
threatened by climate change".  
-Arctic Council



"Climate change is transforming  
Arctic rivers".  
-Scientific American



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"Thawing permafrost poses  
several risks".

-ChemistryWorld



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"Thawing permafrost risks:  
carbon concerns, disease,  
megaslumps". -ChemistryWorld



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"Bacteria, methane & other dangers within melting permafrost". -Wired.com



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"Over the past 30 years, the  
Arctic has warmed more than  
any other region on Earth".  
-NSIDC



"The Arctic acts as a refrigerator for the rest of the world". -NSIDC



"When permafrost thaws,  
frozen plants & animals being to  
decay, releasing carbon dioxide  
and methane". -NSIDC



"Methane serves as an environmental 'wildcard' in climate change risk assessments". -The Arctic Institute



"Methane is 25 times more powerful as a greenhouse gas than carbon dioxide, making it a potent climate amplifier".

-The Arctic Institute





"Methane release poses the risk of sudden climatic changes and runaway greenhouse gas emissions". -The Arctic Institute



"Climate forcings such as methane could overwhelm critical vulnerabilities in vital systems". -The Arctic Institute



"What happens in the Arctic does  
not stay in the Arctic".

-Charles H. Greene, Cornell  
University



"Earth's climate changes, including increases in ultraviolet radiation, are particularly intense in the Arctic". -ACIA



"Climate projections in the Arctic suggest a continuation of the strong warming trend, with the largest changes during winter months". -ACIA



"The changes seen in the Arctic have already led to major impacts on the environment & on economic activities". -ACIA



"If the present climate warming continues, impacts are likely to increase, affecting ecosystems, cultures, lifestyles & economies across the Arctic". -ACIA



"Indigenous communities throughout the Arctic depend on the land, lakes & rivers, and the sea for food & income". -ACIA





"Migratory species provide a direct biological link between the Arctic and lower latitudes".  
-ACIA



"Arctic resources such as fish and oil play an economic role of global significance". -ACIA



"UV radiation: Stratospheric ozone depletion events of up to 45% below normal have been recorded recently in the Arctic". -ACIA



"The basis of Saami culture must be secured and strengthened through sustainable management of natural resources". -Saami Council



"The implications of climate change & changes in UV radiation for humans are many and complex, both direct & indirect". -ACIA



"Changes in the terrestrial water balance & hydrologic processes in the Arctic will have implications for global climate". -ACIA



"Traditional lifestyles in the Arctic could be at risk from climate change". -ACIA



"The Arctic is experiencing a number of striking social and environmental changes and influences". -ACIA





"Changes in temperature & storm patterns can affect the flora and fauna available & lessen productivity". -ACIA



"Heavy metals and POPs are particularly concerning pollutants in the Arctic". -ACIA

