OCEAN ACIDIFICATION IN CANADA

CO_2

CO_2

CO_2

1

Burning fossil fuels increases carbon dioxide (CO_2) in the atmosphere.

2

Excess CO_2 enters the ocean, making it more acidic. This is called ocean acidification.

3

A more acidic ocean makes it harder for marine life to grow, reproduce, and build shells.

pH scale

MORE ACIDIC ← → LESS ACIDIC

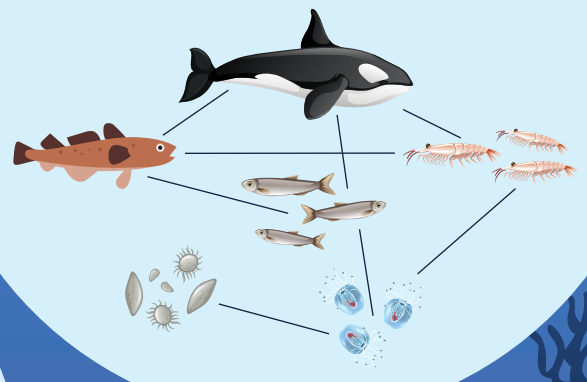
pH TODAY 8.1*

*about 30% more acidic since the pre-Industrial era

← Changes to shells over time

4

When plants and animals at the bottom of the food chain are affected, there is less food for other animals.



5

This all affects people that rely on the oceans for food, work, or ways of life.

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