

HOW GLOBAL WARMING AFFECT PENGUINS?

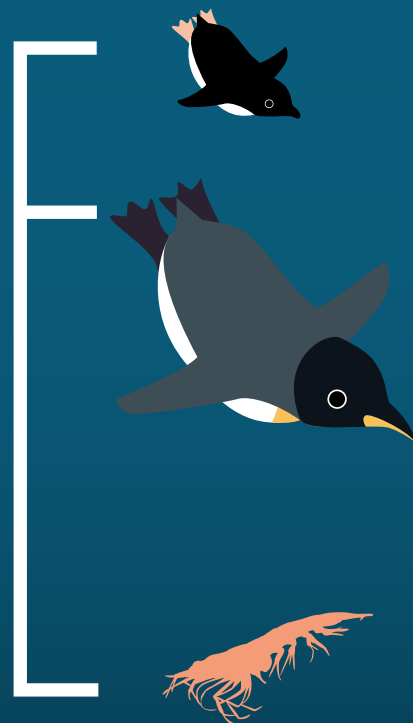
One of the most worrying consequences is the phenomenon called “**El Niño**,” which causes abundant rainfall and makes the surface temperature of the Antarctic Ocean to **rise**. As a result, a layer of hot water on the surface prevents the nutrient-rich cold waters from ascending, so krill, do not come for food. Penguins that feed on krill, especially in the Antarctic, could see their food sources reduced. Poorly fed penguins are more vulnerable to diseases and death. Consequently, **the survival of krill is key to the survival of Antarctic penguins** and other oceanic species.

DIVING DEPTHS

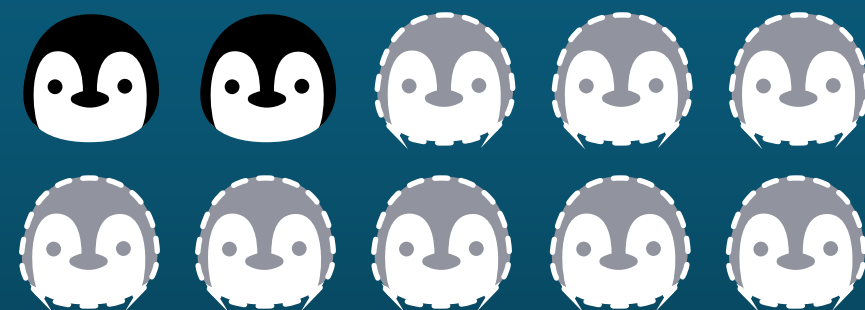
Adelie Penguins
240m

Emperor Penguins
550m

Krill
50 - 3,000 m



PENGUIN POPLATIONS
-80% OF DEDUCTION



TYPICAL DIET



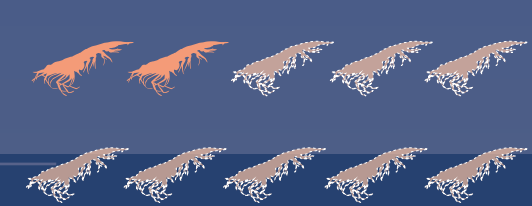
KRILL

ECOLOGICAL THREATS TO PENGUINS

+0.3°C



RISING TEMPERATURE/
MELTING ICE/ RISING SEA LEVEL



-80% OF KRILL POPULATIONS

LACK OF MAIN FOOD

Baby penguins don't have water proof feathers. **Puddles** made by rain and snow fall make them wet and **die**.



UPPRECEDENTED RAIN
/MELT SNOWFALL