

Sea Levels Are Rising



Sea levels are projected to rise by up to **1 metre** by 2100.

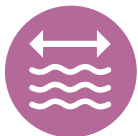


Storm surges and high tides will be more impactful with rising seas.



Sea levels could rise a further **70 cm** by 2100 if there are significant reductions in the Antarctic Ice Sheet.

Why?



Warming temperatures cause seawater to expand in volume



Melting land ice increases runoff into oceans



Land is sinking



Changing ocean currents

Potential Impacts



Strong storm surges damage coastlines and communities.



Saltwater could infiltrate and contaminate critical freshwater supplies.



Seawater pushes further inland.



Threats to wildlife species and shoreline ecosystems such as dunes and marshes that help protect us from coastal flooding.