

Our Oceans Are Changing

Warming waters



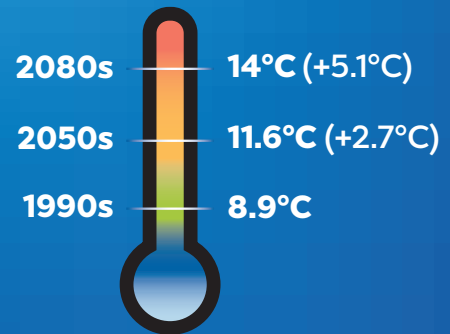
Temperatures are rising significantly in both surface and deep water, leading to longer and more frequent marine heatwaves.

Changing currents



As temperatures change, oceans currents could weaken in some places.

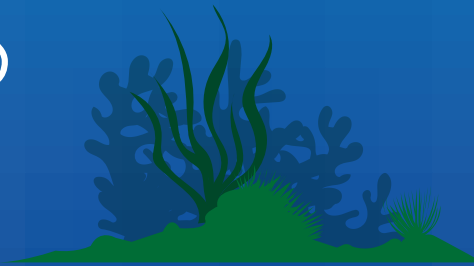
Sea surface temperature is projected to increase.



Decreasing oxygen levels



Warmer temperatures make oxygen less available.



Ocean acidification



Carbon dioxide dissolves in the ocean, which lowers pH and increases acidity.

Potential Impacts



More difficult for our marine species to thrive, causing some to migrate to more suitable habitat.



Decline of eelgrass beds that filter water, stabilize sediment, and provide habitat for fish.



Acidity can harm organisms that form shells like molluscs, crustaceans, and corals.



When marine ecosystems are threatened, so are the human livelihoods that depend on them.