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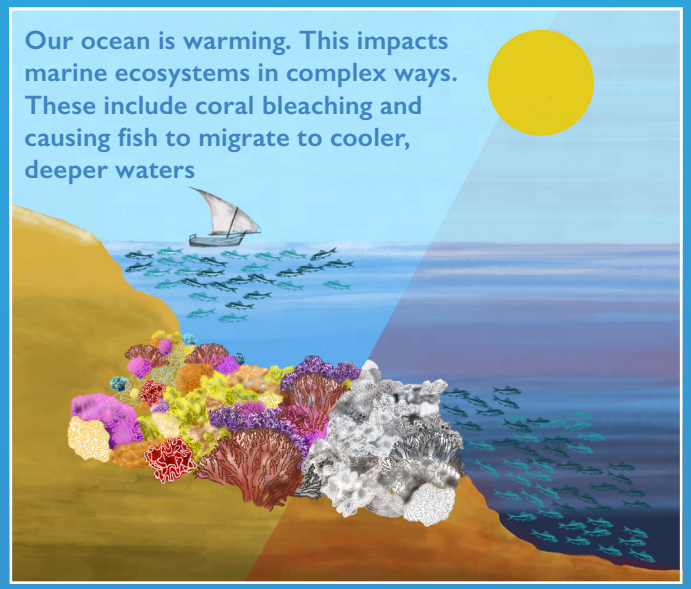
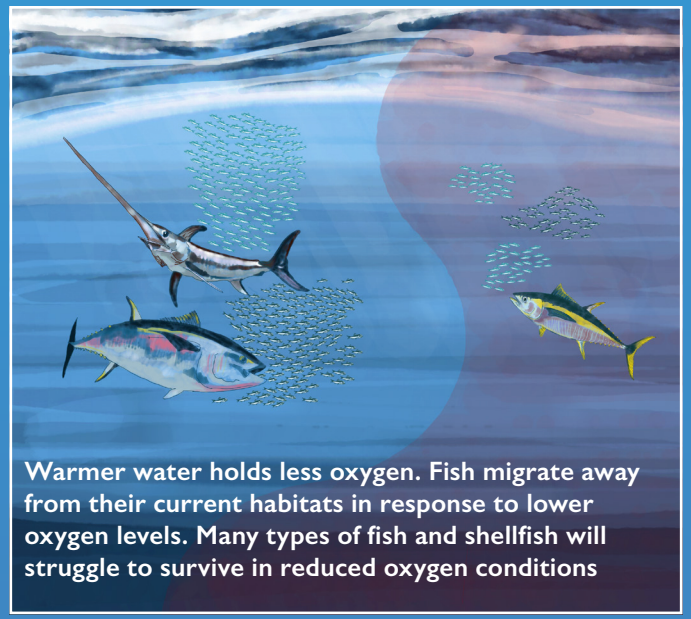
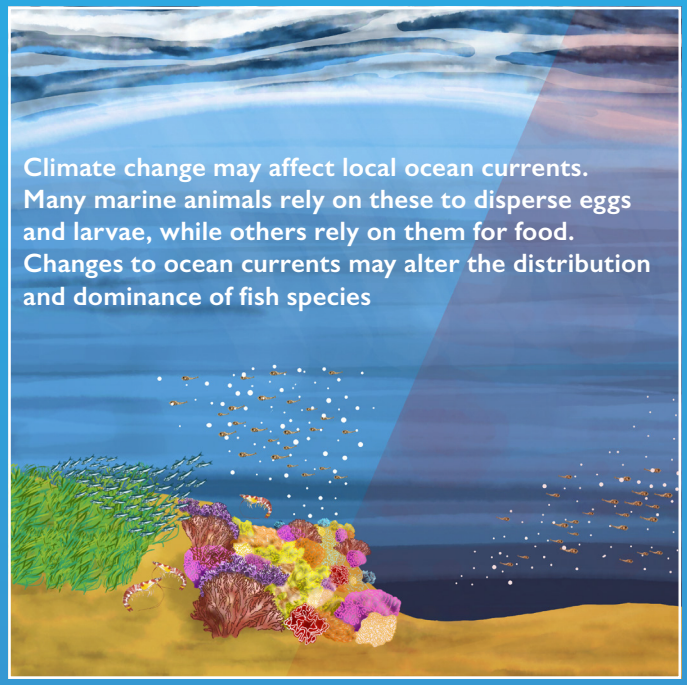
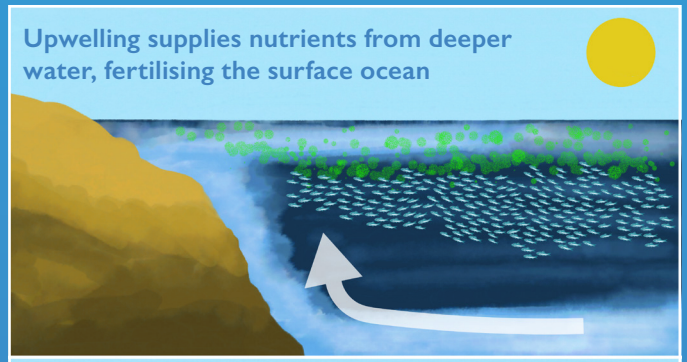
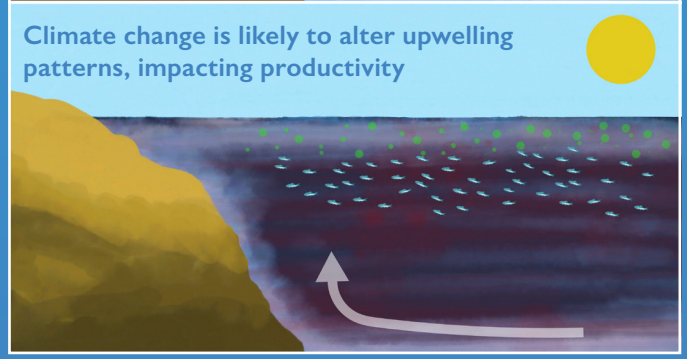
Marine ecosystems and climate change





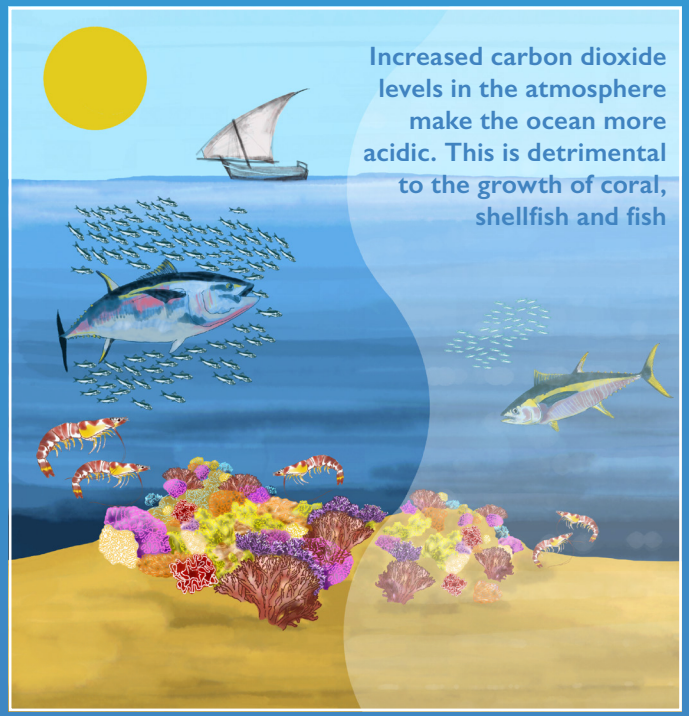






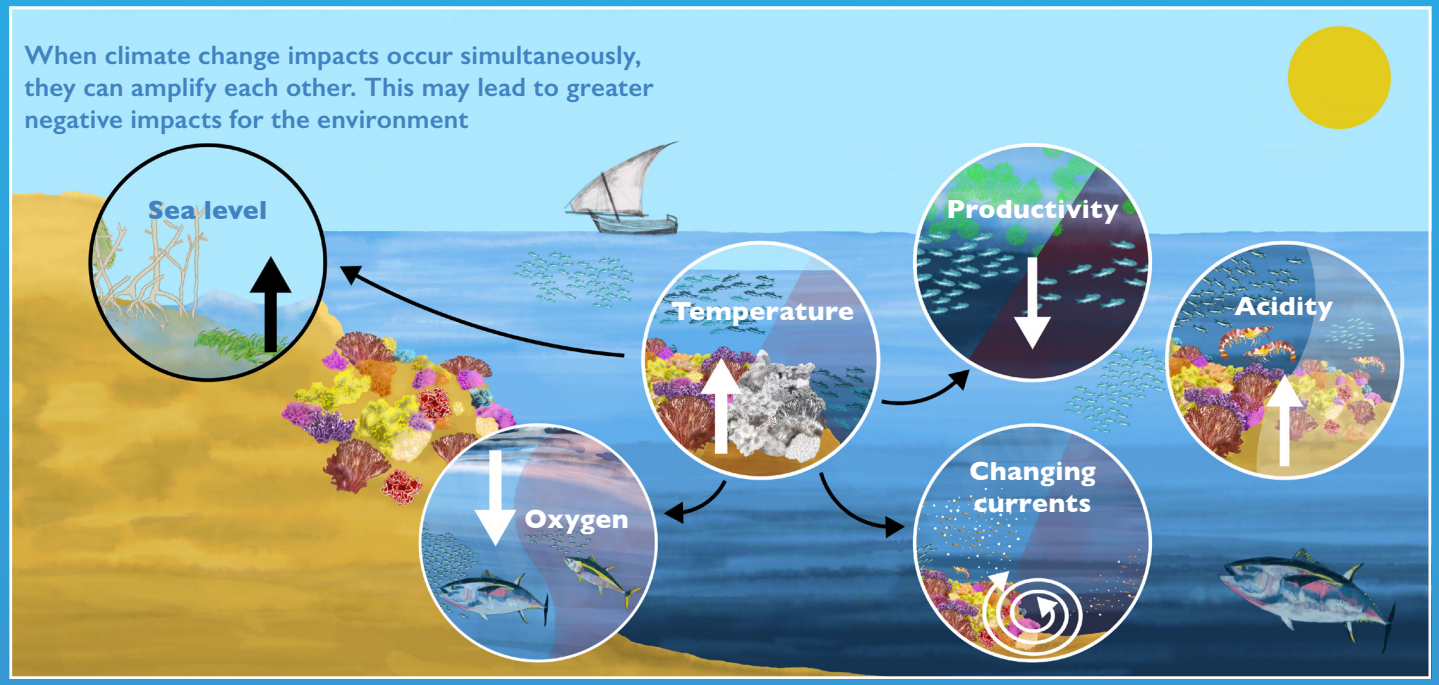
Climate change is causing sea levels to rise

Sea level rise increases the risk of coastal flooding and wave erosion along the coast. This damages mangrove forests and seagrass meadows



Increased carbon dioxide levels in the atmosphere make the ocean more acidic. This is detrimental to the growth of coral, shellfish and fish

When climate change impacts occur simultaneously, they can amplify each other. This may lead to greater negative impacts for the environment



Healthy and sustainably managed ecosystems and fisheries will support coastal communities into the future

Sharing knowledge of environmental change will help recognise and adapt to changing ecosystems

The development of climate change adaptation plans requires local knowledge and cooperation between scientists, communities, managers and politicians