

Climate Change has the potential to affect the Pacific Ocean in the following ways.

1. Warmer ocean temperatures causes species migration and extinction on a large scale
2. Melting polar ice changes the delicate balance of biodiversity, that can cause species migration and extinction on a large scale.
3. Rising sea levels can potentially cause a massive refugee influx particularly in the Pacific region of which Australia is part
4. Changes in temperature may change ocean currents permanently leading to extreme weather events and unpredictable local climate changes
5. Ocean acidification, if it continues to increase, can break the food chain on which we depend for life. Not only fish and algae, but a domino effect on the soil which grows our plants and grazes our animals.

Nya Murray