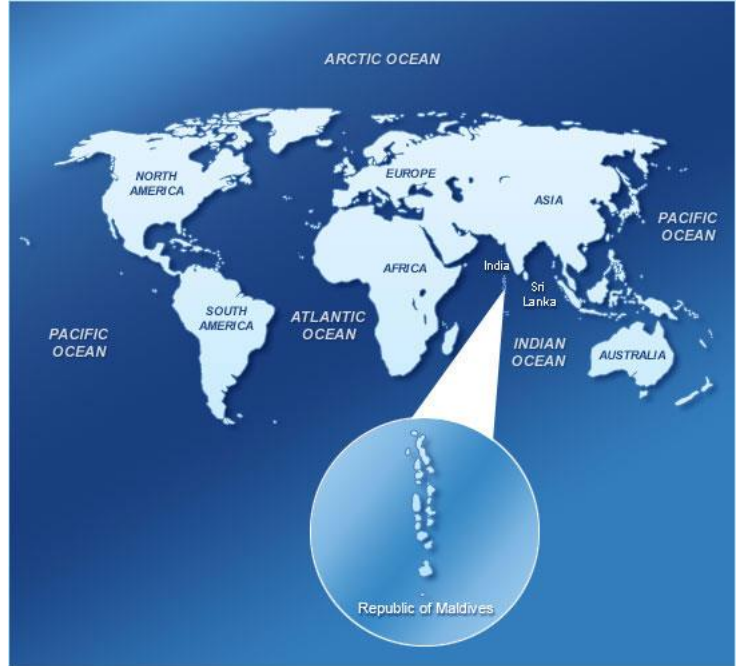




Year 8 - Under Pressure Therapy Sheet UP7 - I can explain how sea level rise in the Maldives is managed

Location of the Maldives:

The Maldives are a group of tiny islands in the Indian Ocean some 500km south west of India. The highest point on the islands is just 2.4m. Some climate models suggest that they will be uninhabitable by 2030 and fully submerged by 2070. 380,000 people live there and could be at risk.



Strategies to manage the impacts:

Restoration of coastal mangrove forests. Their tangles roots trap sediment and offer protection from storm waves.

Construction of sea walls. A 3m sea wall is being built around Male (the capital) and sand bags and rip-rap used elsewhere



Building houses that are raised off the ground on stilts.

Ultimately the entire population could be relocated to Sri Lanka or India.

Construction of artificial islands up to 3m high so that people can be relocated.

