

Integrating Climate Change Adaptation into Disaster Risk Reduction Strategies

Republic of Maldives



Risk of CC to Maldives



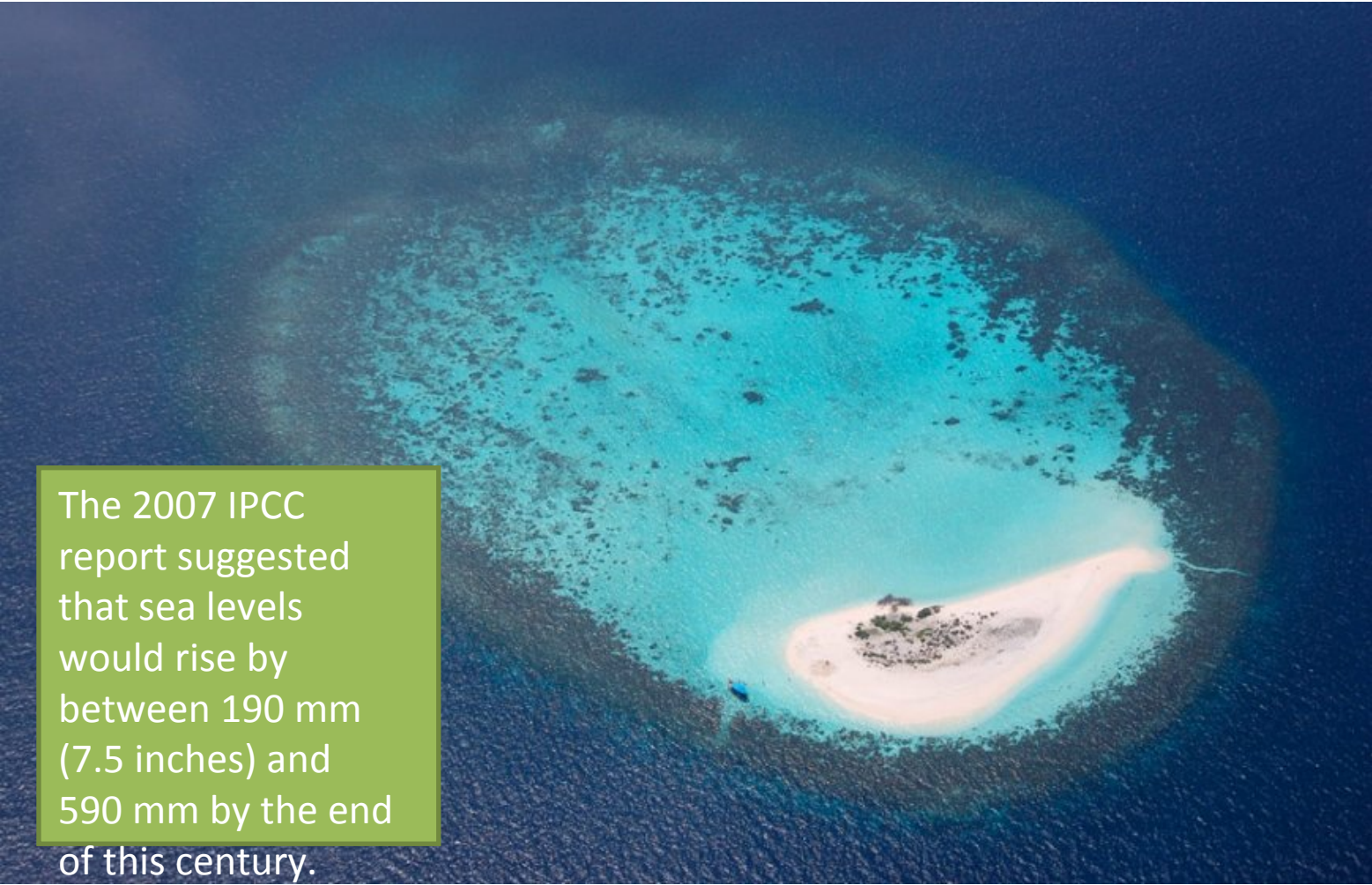
- Damage to coastal infrastructures due to adverse impacts of hazards such as floods due to storm surge and heavy rain
- Salt water intrusion in to the fresh water lens



Severe Beach Erosion and Loss of land



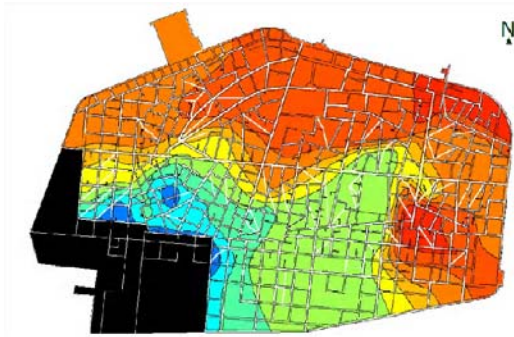
Coral Bleaching and loss of marine life having a direct impact on
economy



The 2007 IPCC report suggested that sea levels would rise by between 190 mm (7.5 inches) and 590 mm by the end of this century.

Complete inundation of Islands

Sea Level Rise Projections for Male'



Male' in the year
2025
15% of Male'
inundated under
IPCC **worst case**
scenario (IS92e)



Male' in the year
2050
30% of Male'
inundated under
IPCC **worst case**
scenario (IS92e)



Male' in the year
2100
Male' inundated
completely under
IPCC **worst case**
scenario (IS92e)

Recent Trends



Pro-long dry seasons and water shortages

预览已结束，完整报告链接和二维码如下：
https://www.yunbaogao.cn/report/index/report?reportId=5_5844



- High intense hydro meteorological weather events
 - Cyclone Neelam caused heavy rains inundating 51 islands.
 - Long term impacts to drinking water and infrastructures

