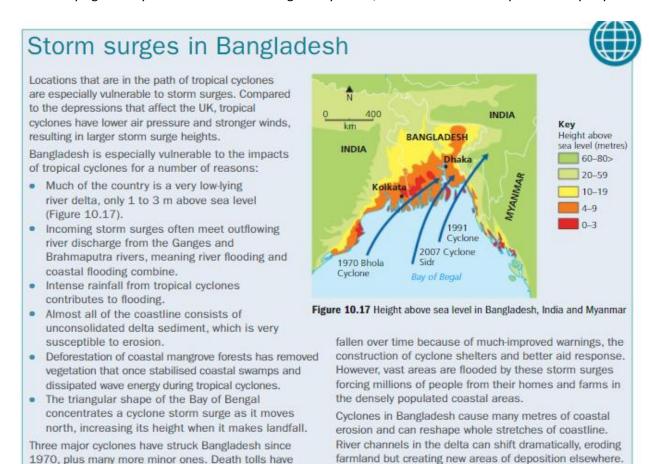
BANGLADESH FACTFILE

Bangladesh is one of the world's most densely populated countries, with its people crammed into a delta of rivers that empties into the Bay of Bengal population density of 1104 per km². Poverty is deep and widespread, but Bangladesh has in recent years reduced population growth and improved health and education.

The low-lying country is vulnerable to flooding and cyclones, and stands to be badly affected by any rises in sea levels.



The Guardian:

Bangladesh struggles to turn the tide on climate change as sea levels rise

Bangladesh is already one of the most climate vulnerable nations in the world, and global warming will bring more floods, stronger cyclones. At the dry fish yards, close to the airport at the coastal town of Cox's Bazar, women are busy sorting fish to dry in the sun. They say the process, which begins in October, can continue through to February or March if the weather is good.

But Aman Ullah Shawdagor, a dry fish businessman who employs 70 people, says high tides and seasonal changes have hit his business hard. Last year there were four cyclones, more than ever before. In 2015, there was only one.

Scientists predict that, by 2050, as many as 25 million people in Bangladesh will be affected by the rising sea level. Hashem and Shawdagor believe that they are already seeing the effects of a changing climate, however.

Kutubdia

Along the coast lies Kutubdia, an island in the Bay of Bengal where lush green rice fields give way to acres and acres of flat fields. Consisting of small rectangles of varying hues of brown, they are salt fields. The encroachment of saline water from rising tides has made rice farming impossible.

Abdus Shukur, 50, a former agricultural farmer, says he learned to farm salt 10 years ago, when sea water flooded the land he rents. It took him six months to learn the craft and he finds it back-breaking work.



"I was an agricultural farmer before," says Shukur. "But the embankment broke down and saline water came on to the land. We had no choice but to adapt."

What does the future hold?

Bangladesh is giant delta and flood plain. It is made of unconsolidated alluvium (sand and mud washed down from the rivers). This makes building sea defences very difficult as the unstable land means that building foundations is extremely difficult.