



# PROTECTING THE MOST DENSELY POPULATED CITY IN THE WORLD FROM UNPLANNED URBANIZATION AND IMPACT OF CLIMATE CHANGE

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Tuesday, 11 November

15h30 - 16h30

COP 30, Belem, Brazil

# BANGLADESH DELTA

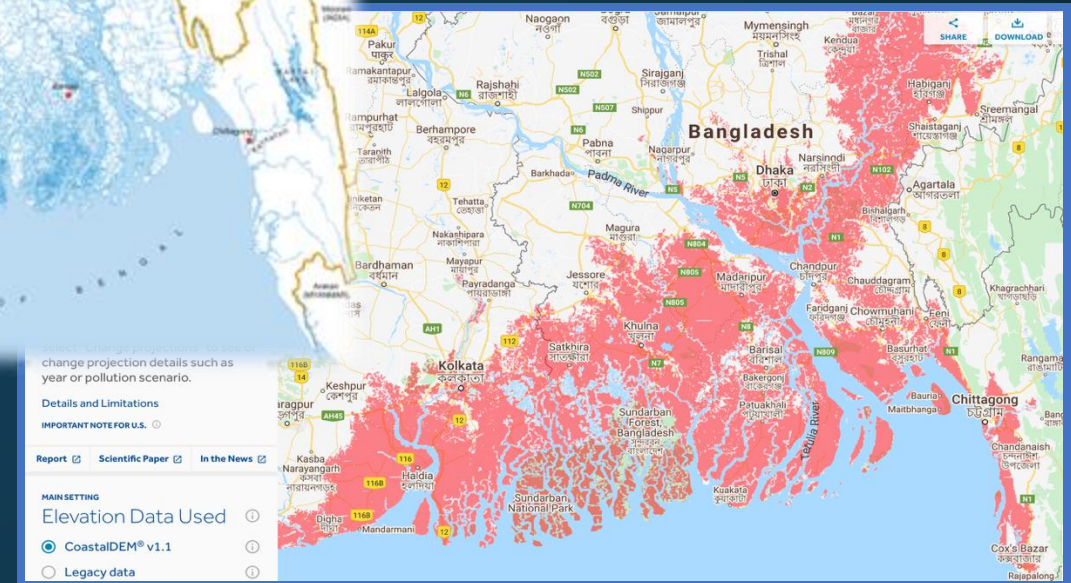
## TIBETAN PLATEAU



The Ganges, Indus, Mekong, Yangtze, and Yellow Rivers (Asia's "water tower") Supplying water to "almost 40% of the world's population."  
(8.073 billion world population in 2023)



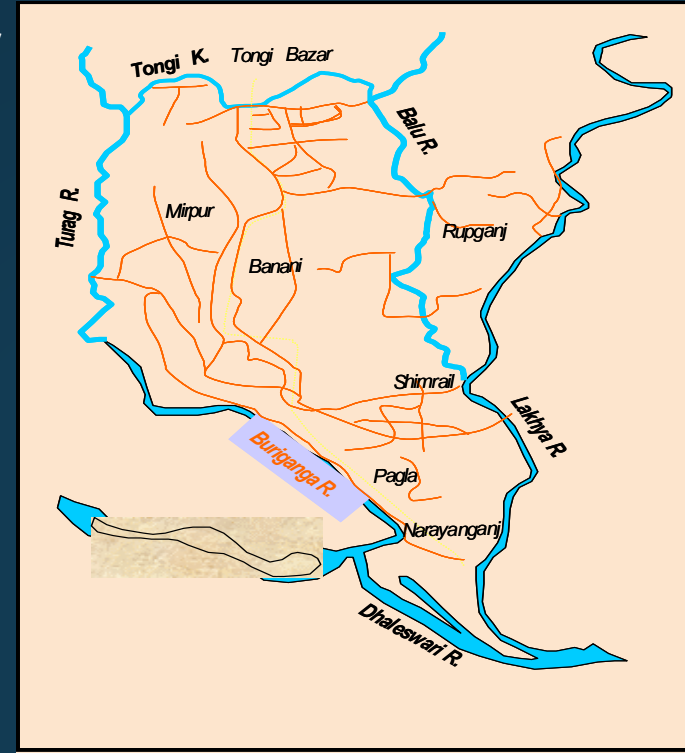
October 2019 study shows impacts to Bangladesh are much worse than previously understood.



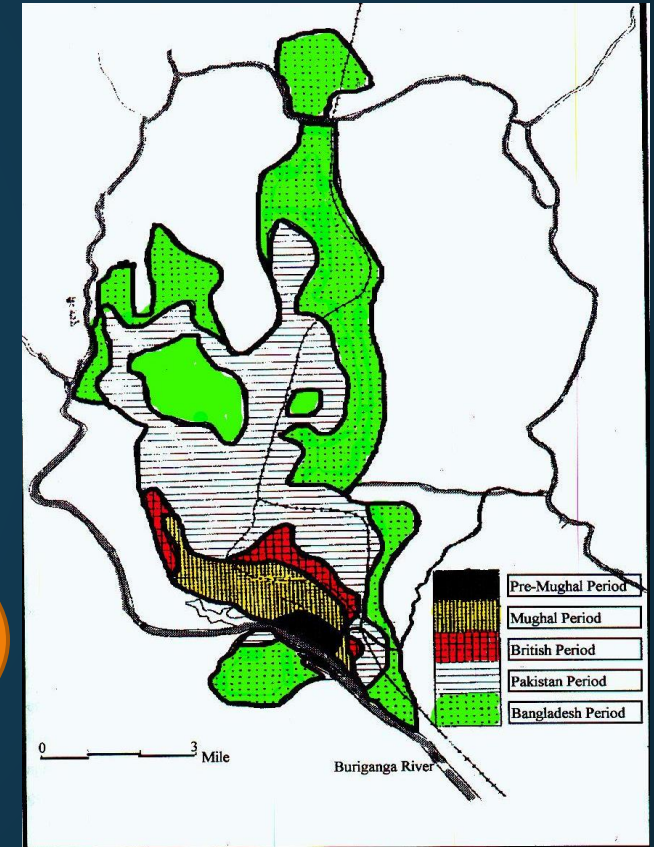
## FLOODING AND SEA LEVEL RISE



4 rivers surrounding Dhaka city  
Buriganga (south),  
Turag (west and north),  
Balu (east), and Shitalakhya (east)



Chronological growth of  
Dhaka City by the  
Bank of the River  
Buriganga



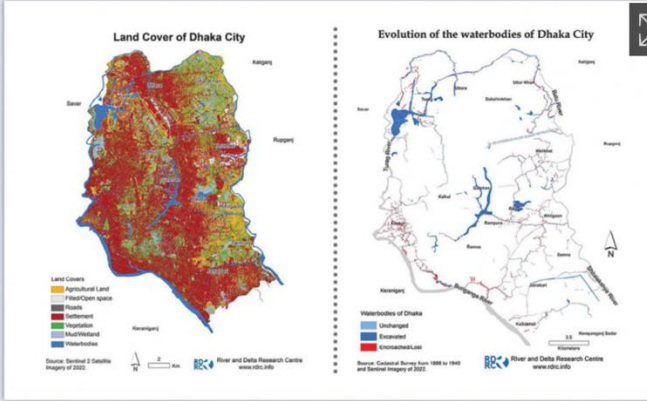
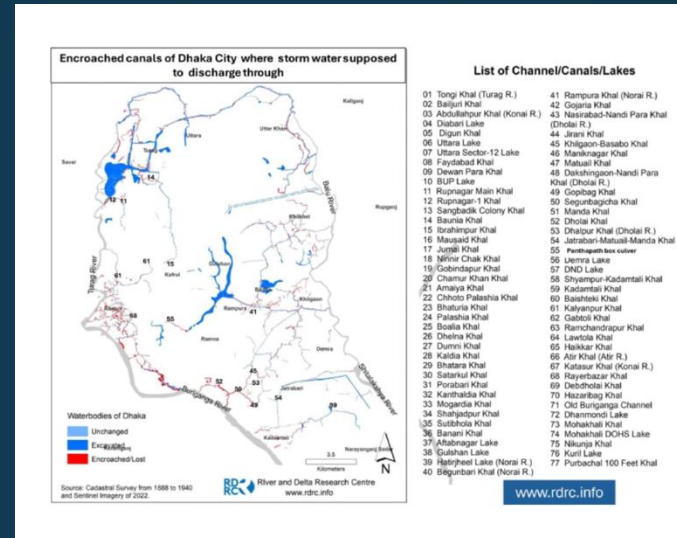
Dhaka, Bangladesh, is widely considered the most densely populated city in the world. Some sources report a density of around 45,700 people per square kilometer.

# Waterlogged Dhaka

**The Daily Star**

Slow Reads Sports Business Entertainment Life & Living Tech & Startup Mu

## Dhaka's lost canals: Once flowing, now forgotten





**The Daily Star**

Slow Reads Sports Business Entertainment Life & Living Tech & Startup Mu

## Dhaka drowns every time it rains - here's why

Encroachment of waterways, failure of authorities, poor waste management key reasons, say experts



Between 2010 and 2019, Dhaka lost 3,440 acres of Flood Flow zones and Water Retention Areas



# Heat Trapped Dhaka

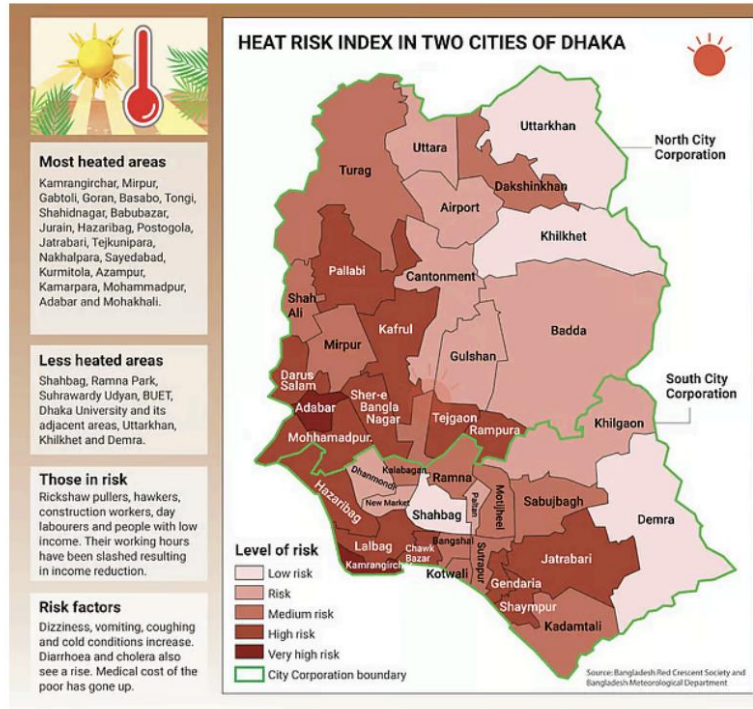
প্রথম আলো  
ENGLISH

## Environment

### Dhaka: 90pc area of the capital at risk of heatwave

Iftekhar Mahmud Dhaka

Published: 29 Apr 2024, 18: 03



Ninety per cent area of Dhaka North and South City Corporations are in danger of extreme heatwave, according to a report of Bangladesh Red Crescent Society (BRCS).

BRCS unveiled the report titled 'Heatwave: Bangladesh, advance warning system' on 24 April.

## Green space in Dhaka North declines 66% in 3 decades

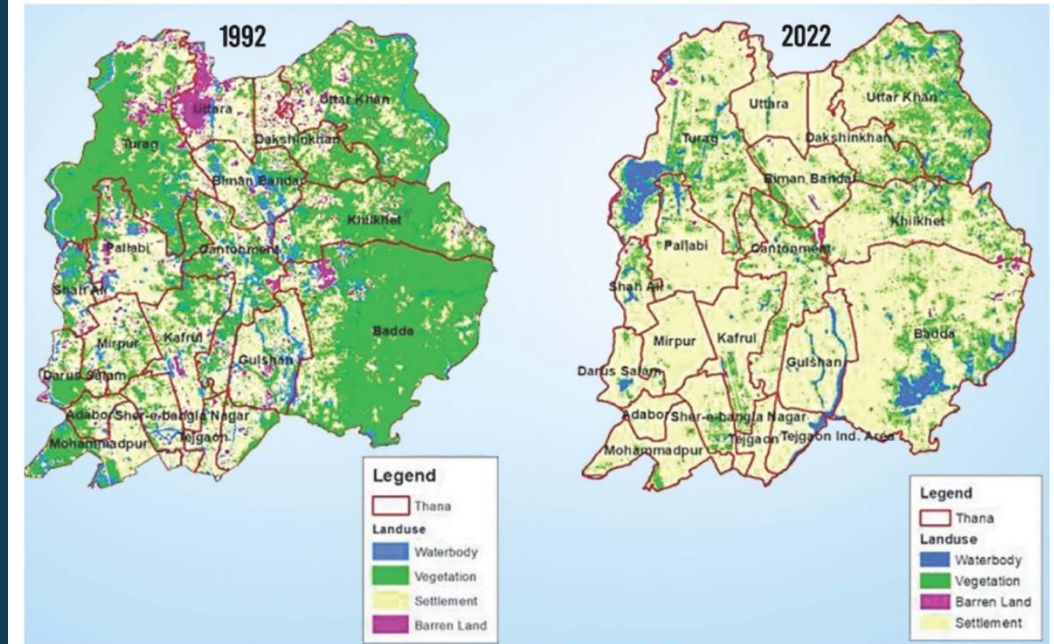
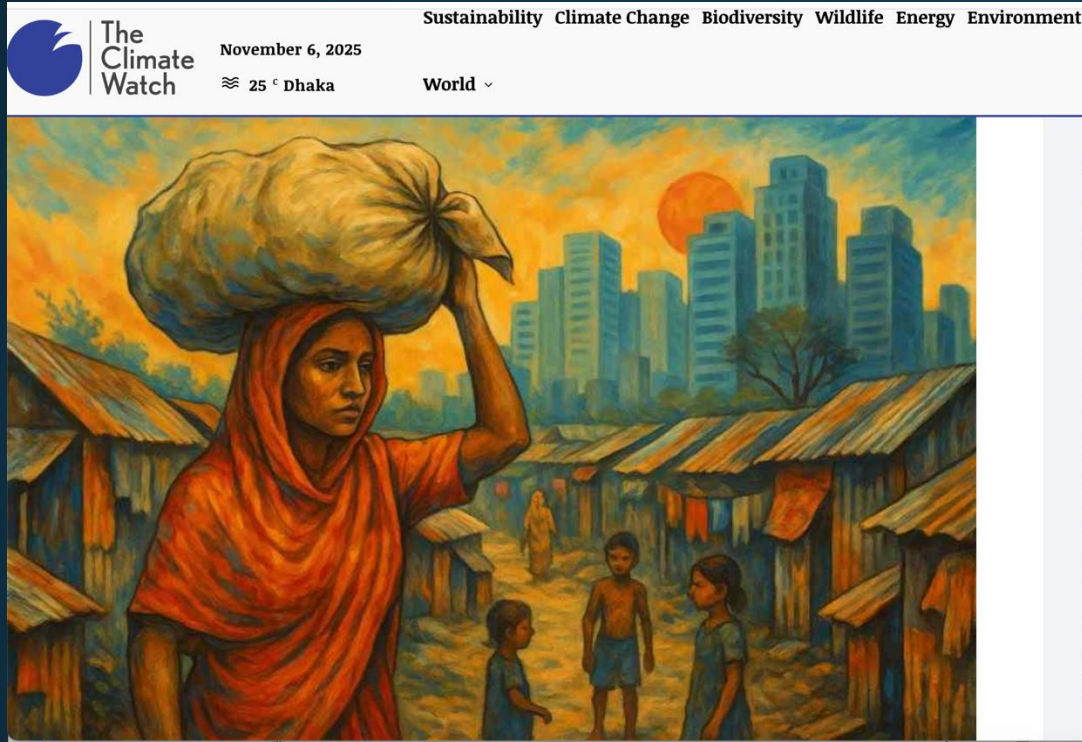


Photo: TBS

Around 47% of the 194.2 sq km area of Dhaka northern part was green in 1992, which dropped to 31% in 2002, to 18% in 2012, and declined further to 16.17% in 2022

# Climate Migrants



400,000 to 500,000 new residents each year come to Dhaka

70% of them are climate migrants



# How to save the rivers, wetlands and greeneries of Dhaka!!

Thursday, November 6, 2025

## The Daily Star

Home News Opinion Slow Reads Sports Business Entertainment Life & Living Tech & Startup Mult

**BANGLADESH**

**Pinaki Roy**  
Sat Oct 25, 2025 12:20 AM  
Last update on: Sat Oct 25, 2025 12:25 PM

95 Shares

**Govt project to save 4 rivers around Dhaka falters**




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**Sharif Jamil** September 11, 2022

"Saving Buriganga River is our moral, civic and constitutional responsibility. Everyone should be active in fulfilling that responsibility."



**THE BUSINESS STANDARD**

TBSNEWS.NET

**Buriganga River Carnival held with pledge to stop pollution**  
River conservationists on Saturday observe "Buriganga River Carnival" to promote conserv...

Legal Frameworks, Court Orders of 2009 and 2020, Implementation of a proper DAP, People's Participation



# Thank You

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