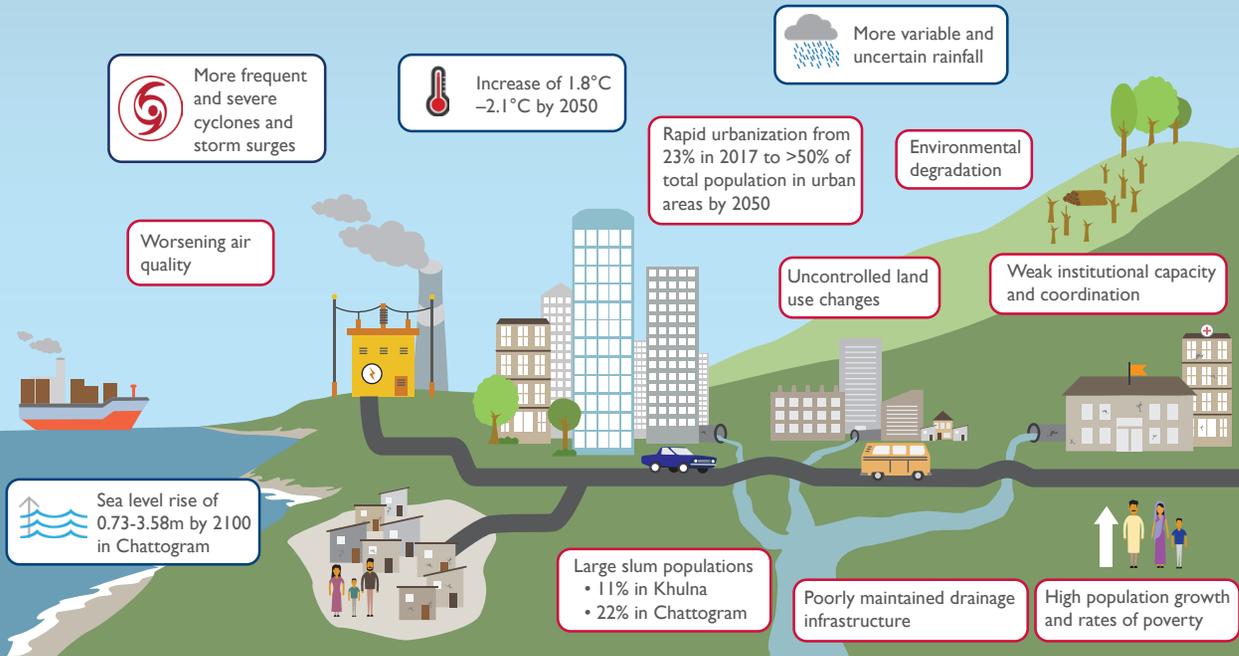


Climate and Non-Climate Stressors in Khulna and Chattogram



WHAT ARE THE RISKS AND IMPACTS OF CLIMATE CHANGE?



Water

- » Increased risk of **landslides** (Chattogram)
- » Increased **floods** and **waterlogging** in low-lying areas
- » Increased **saltwater inundation and intrusion**
- » **Increased burden and resources** necessary for agricultural production and safe drinking water
- » Reduced **water availability and quality** from both ground and surface water resources



Health

- » Increased incidence and spread of **waterborne diseases** (e.g. cholera, diarrhea, typhoid, and hepatitis)
- » Reduced **access to health services**
- » Exacerbation of **urban heat islands** leading to higher temperatures and air pollution levels
- » Increased **heat stress** and **heat stroke**
- » Increased demands for **fossil fuel-powered, energy-inefficient cooling services**

What can be done to address climate risks to health?



Pilot integrated health and environmental management interventions

- » Promote **public health awareness** on climate impacts, sanitation, and hygiene to officials and practitioners
- » Improve strategies for **urban environmental management**
- » Expand **access to safe water** and improved sanitation
- » Enhance **surveillance** and **expand diagnostic and treatment options** during high-risk seasons
- » Improve **access to health care** among populations vulnerable to climate-sensitive diseases
- » Expand **health services** for those exposed to injury from natural disasters
- » Conduct **multisectoral interventions** that include experts from the urban planning, public works, engineering, and health sectors



Science and analysis to inform decision-making

- » Improve **understanding and awareness** of health risks to slum dwellers
- » Conduct detailed **climate vulnerability assessments** in slums to identify specific health care needs and immediate actions to reduce risks
- » Expand **air quality monitoring** networks to improve awareness and reduce exposure



Improve Governance and Capacity

- » Reserve and allocate **funding** to address climate risks
- » Develop strategic **climate-focused action plans**
- » Develop long-term vision for **infrastructure investment** and **land use development** to build climate resilience

