

## ThinkTank Triumph Final Round

Looking into the Investment Summit held just a few days back in Dhaka, the current interim government's vision is to encourage investment from local and foreign business entrepreneurs. The promising venue is Mirsarai Economic Zone due to its proximity to the Bay of Bengal, which facilitates navigation. Some other economic zones are also becoming concerned, and the government effort is distinctive in escalating the investment to boost our growth towards developed countries as soon as possible.

All the same, the country's print, electronic, and social media always highlight the erosion along the major riverbanks, which dislodges many people living beside those rivers. Conversely, considerable land reclamation occurs naturally, which is seldom set in front.

Noakhali, an ancient and historic district of Bangladesh in the southern region, is only 180 kilometers from Dhaka and 140 kilometers from Chattogram. The ongoing construction of bridges over Muhuri River will cut down the distance and time to the Chattogram Port. The geographical location of the district is shown in the following figure:

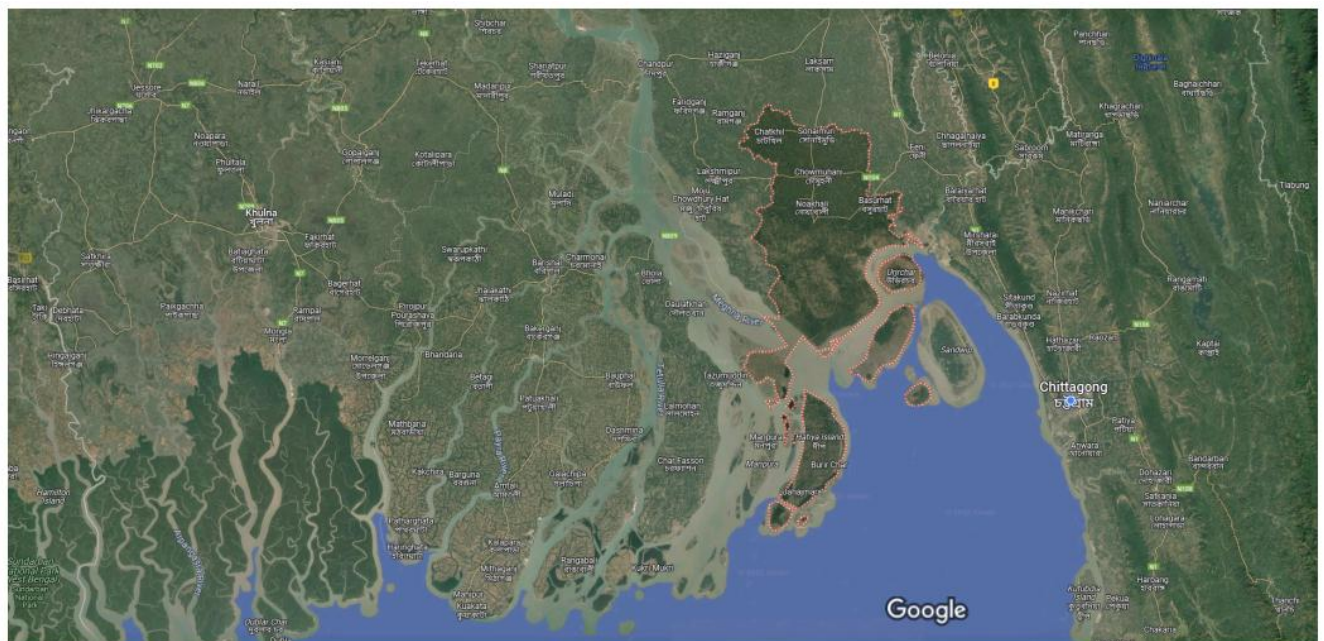


Fig. 1: Location of Noakhali District

As a coastal district downstream of the River Meghna, it has gained a large area along its coastal zone. Satellite imagery estimates approximately 100 square kilometers (24000 acres) of natural land reclamation due to continuous sedimentation from the Meghna estuary in the coastal region of the Noakhali district over the last ten years, shown in Fig. 2.

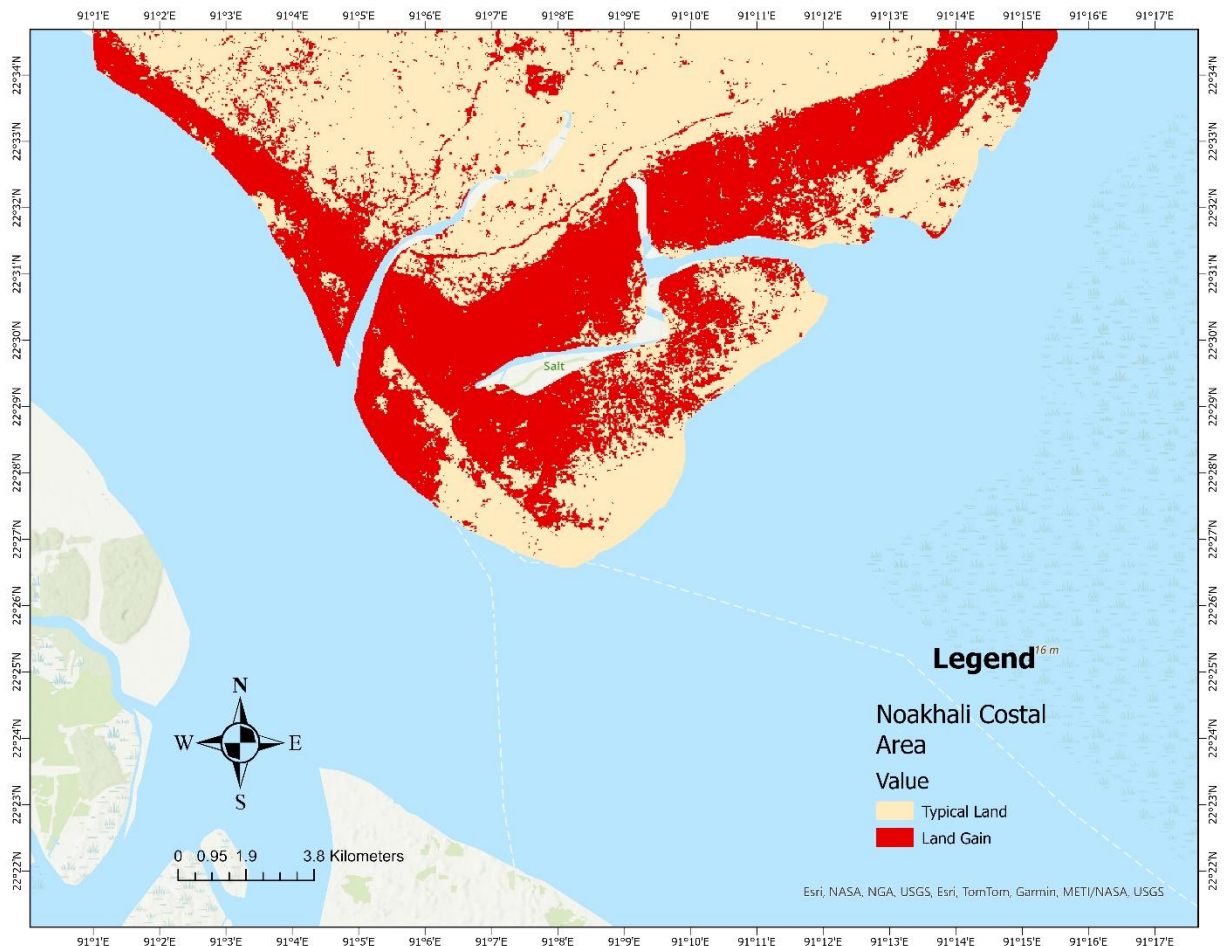


Fig. 2: Reclaimed land in the coastal region of Noakhali district

The newly formed land has created a strategic opportunity in light of its enhanced connectivity and proximity to the major seaport of the country. The opportunity involves utilizing this reclaimed land for an economic zone, a logistics hub, or a multi-purpose industrial corridor. In this case study competition, you have been assigned to evaluate the project's feasibility and propose a sustainable development plan for this land.

### Case Study Task

1. Desk study, site characterization, and risk assessment
2. Concept of industrial development and economic zone
3. Geological investigation
4. Engineering design considerations
5. Environmental impact assessment
6. Social impact analysis
7. Economic and financial analysis
8. Cost-benefit and policy alignment
9. Visualization and reporting