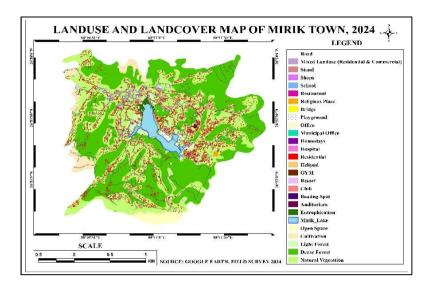
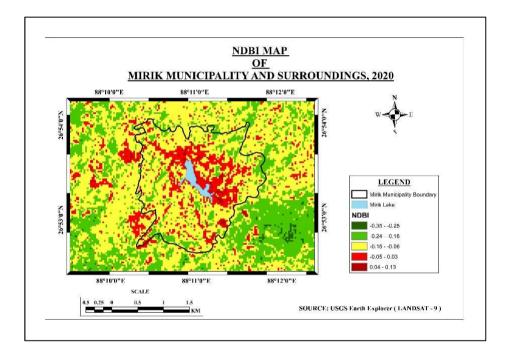
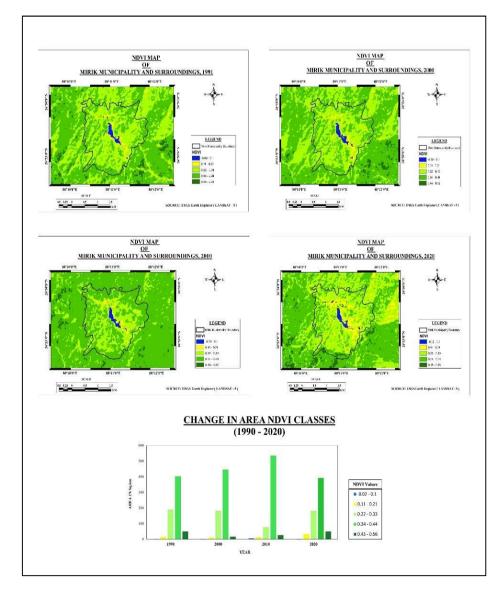
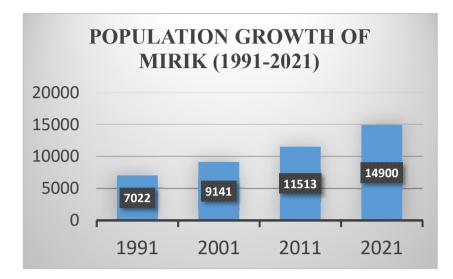
<u>LANDSLIDE VULNERABLITY ANALYSIS: A CASE STUDY OF MIRIK</u> <u>MUNICIPALITY & SURROUNDINGS</u>

Mirik is a municipality located in the Darjeeling district of West Bengal, India. It is situated in the northwestern part of the state, near the border with Nepal. The geographic coordinates of Mirik municipality in West Bengal are approximately 26°54' N - 26°53' latitude and 88°10' E - 88°12' E longitude.

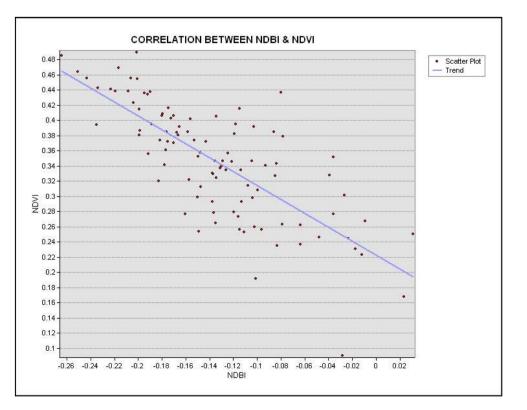


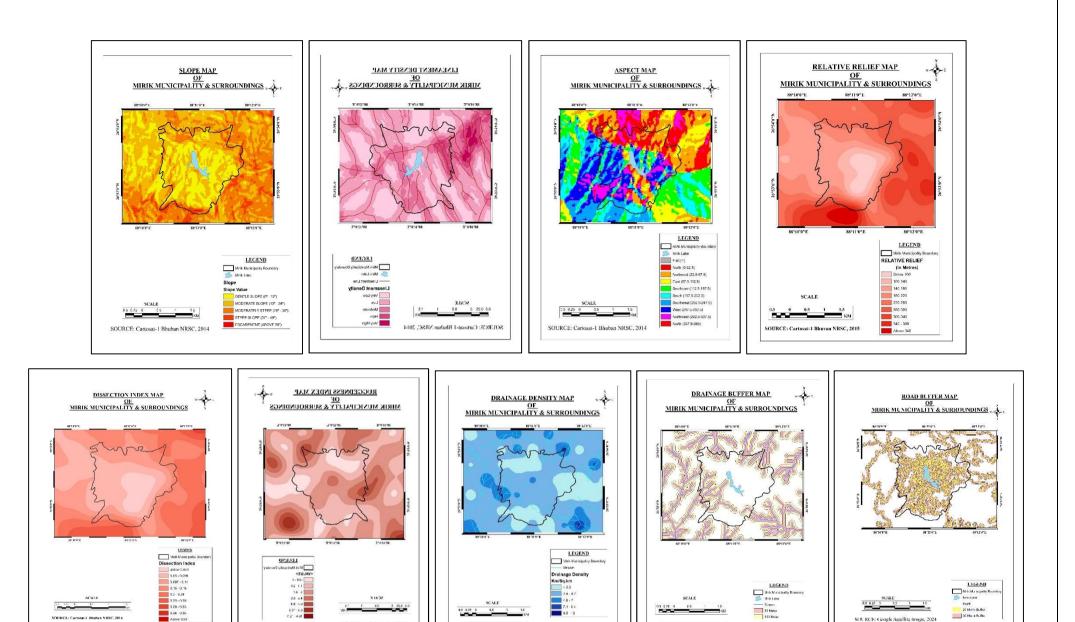




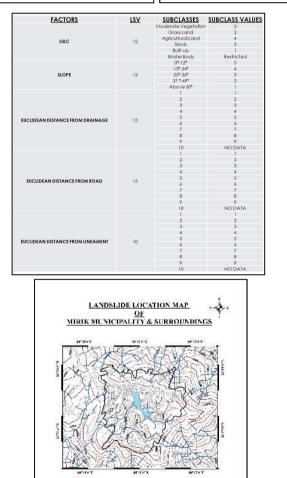


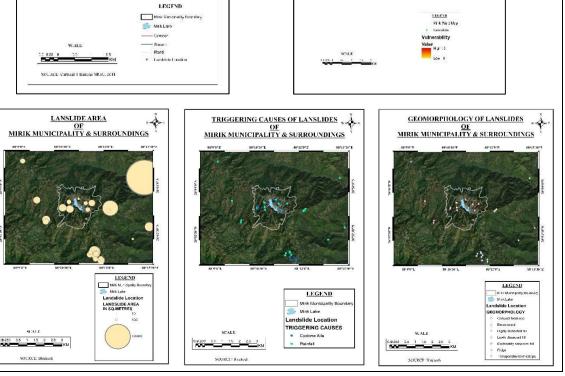
- Significant improvements in infrastructure have been observed, including better road connectivity, expansion of local amenities, and enhanced public services.
- The town has experienced a surge in residential development, with new housing projects and residential complexes emerging to accommodate a growing population.
- As a popular hill station, Mirik's tourism sector has expanded. Investments in tourism infrastructure, such as hotels and recreational facilities, have contributed to its urban growth.
- There has been a rise in commercial establishments, including shops, restaurants, and markets, reflecting increased economic activity and consumer spending.
- Mirik's population has steadily increased, driven by both internal migration from rural areas and external migration from other regions seeking opportunities or a pleasant living environment.
- The town has seen improvements in educational institutions and healthcare facilities to cater to its growing population, including new schools and healthcare centers.

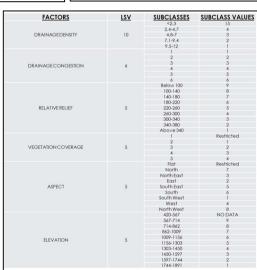


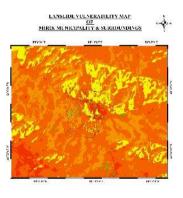


- Most landslides to the NW, W, S of Mirik all landslides have occurred in tea gardens whereas within town landslides have occurred within high height plantation and agricultural land nearing roads or drainage lines. To the NE, E and SE, landslides have occurred in sparse vegetated areas.
- The highest or rather tallest landslide has been seen in eastern part of Mirik beyond town limits with 175 meter height. Landslides within town limits are less while those outsides are more ranging from 30 – 88 meters.
- The largest area landslides have occurred in
 immediate surroundings of Mirik, though those
 within town are much less in extension. The
 largest area 18750 Sq.mt. landslide is the one that
 happened to north-eastern part of Mirik. Those to
 the south are also quite large in area.









Strict stress on eco-tourism.

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- In the hill stations of Darjeeling Himalaya there are lots of hotels and high rises but here they needs to prevent any more further development.
- To diverge the growth of the town to suitable topographical areas.

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