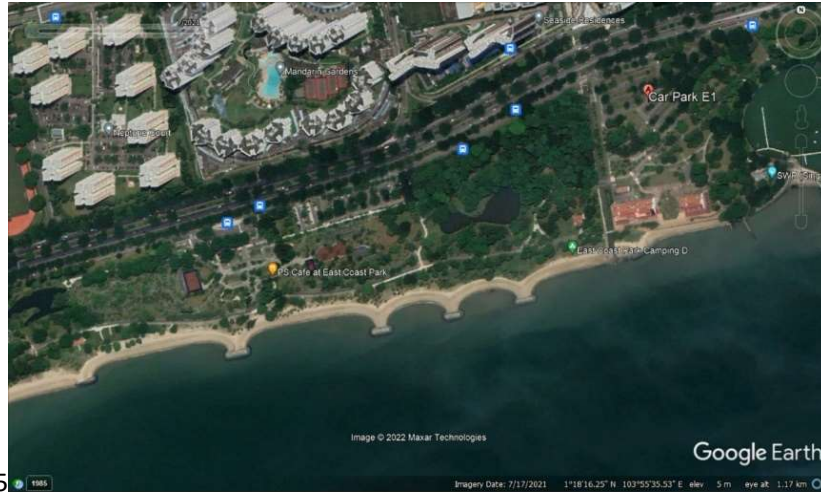
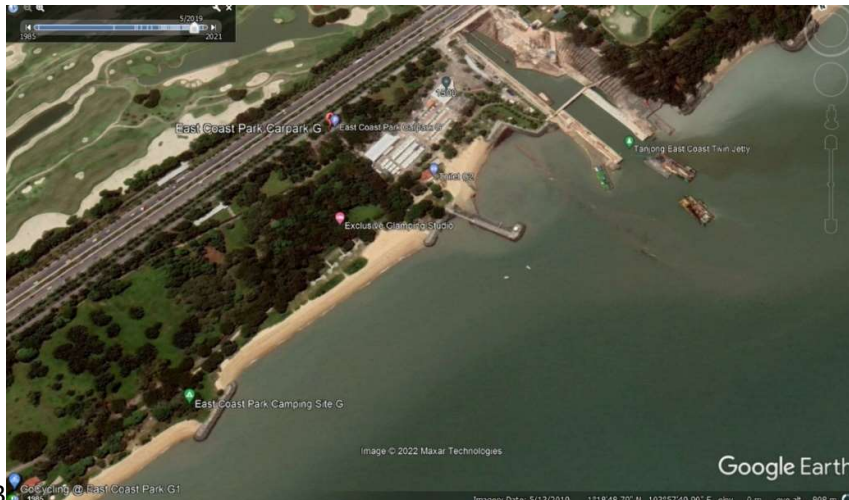


East coast Park(ECP) is a recreational area for jogging, having picnics and protect against the rising sea level(which is projected to rise 0.25m-0.75m by 2100.). According to Xi,T.F.,& Yanchchen,L.(2021,December 6), 30% of the island is less than 5m above sea level Should this trend continue, coastal areas of Singapore is at risk of being submerged resulting in relocation of many people and destruction of residential and economic facilities. ECP should be protected as it acts as a buffer zone between the rising sea levels as the residential and economic areas surrounding it. Sand bars formed behind breakwater¹ and sand accumulated on the updrift side of groynes during mid-year², showing that they are effective at reducing the rate of erosion. However, they may not be sustainable as constant maintenance is required, as it will get eroded over time possibly due to erosion or get vandalized by the public, which can be very costly.



¹ Figure 5



²Figure 3 Looking @ East Coast Park G1

References:

Google. (n.d.). Google earth. Retrieved April 7, 2022, from <https://earth.google.com/>

Xi, T. F., & Yangchen, L. (2021, December 6). *As sea levels rise, Singapore prepares to stem the Tide*. The Straits Times. Retrieved April 7, 2022, from <https://www.straitstimes.com/singapore/as-sea-levels-rise-singapore-prepares-to-stem-the-tide>