

## **Perubahan zon pinggir pantai dan implikasinya di Kuala Selangor, Malaysia**

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Abiotic changes and physical processes occurring in the coastal zone have deteriorated the natural environment within Kuala Selangor district. Shoreline movement towards the continent contributed to soil loss thus affecting agricultural land. Physical processes, especially erosion and deposition, coupled with changing activity associated with human land-use, have affected infrastructures and destroyed the mangrove ecosystem in Kuala Selangor. Integrated coastal zone management, efficient legislation implementation and the improvement of public awareness are needed to solve the problem. Futhermore, complete information system support and continuous coastal zone monitoring are important to safeguard the coastal zone sustainability in Kuala Selangor.

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