

An ecological viewpoint on the variations of water temperature, salinity, conductivity, pH and dissolved oxygen during a 45-minute tidal outflow at a small tropical estuary

Abstract

The study of ecology includes how a living organism interacts with its surrounding which includes living (biotic) and nonliving (abiotic) components. KTBatu of Pahang is a pristine recreational rocky shore (Figure 1), located in the east coast of Peninsular Malaysia (Figure 2). Therefore, this allows study on the natural variation of physico-chemical parameters more effective with minimal anthropogenic impact.

Keyword: Ecology; Tidal outflow; Tropical estuary; Variations