

Macro benthic community at Jakarta Bay, North Java waters

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Abstrak

Jakarta Bay is an area where many activities occur such as support domestic and international sea transportation also an outlet of domestic and industrial wastes that decreases the water and sediment quality as habitat of macro benthic fauna. Population condition and distribution pattern were investigated in Jakarta Bay. The aims of this study were to observe the diversity and taxa composition of macro benthic fauna community at Jakarta Bay. Quantitative samples were collected using Smith McIntyre Grab with covering of 0.05 m². In particular high densities of macro benthic fauna at Jakarta Bay were located at stations adjacent to mainland area nearby to the estuary to the amount of Small River around Bay. These stations are ecologically important because as source of nutrient for macro benthic fauna is delivered predominantly passing through the rivers.