

Pengembangan *Nitzschia* sp. sebagai biota uji sedimen

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Abstrak

ABSTRACT

Sediment bioassay requires a test organism which suitable with the test material, for example sediment. However, benthic phytoplankton as the organism has not been widely applied in Indonesia. Recently, bioassay test still uses phytoplankton which lives in water column such as *Chaetoceros gracilis*, *Tetraselmis* sp., *Isochrysis* sp., or uses another test organism like mussel, sea urchin larvae and amphipod. In addition, *Nitzschia* sp. is one of culture collection at Research Centre for Oceanography so it could be added value of culture collection. Therefore, this paper aims to describe the potential use of phytoplankton benthic, *Nitzschia* sp. as sediment test organism.