



Assessment on Water Quality Parameter and Nutrients Level of Nyatuh River in Relations with *Macrobrachium rosenbergii* Prawn Populations

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Highlights

- Water quality monitoring and assessment is important to indicate the quality of pollution in the river as well as an indicator for the prawn population.
- The quality of the water in Nyatuh River fluctuated between expeditions, stations, and tides.
- Heterogeneous mixture for the number of prawns caught caused by the significant differences of water level depth and also by the fluctuation on water quality and ammonia level concentrations.
- Good water quality parameter and very low ammonia concentration in expedition 1 contributed to the higher number of prawn population caught.

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