ABSTRACT

M. NIZAR DAHLAN. Development of Fisheries in Belitung Regency: Local Based Economic Trade-off Analysis.

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Although has about 1.06 million ton/year of the sustainable potential of fisheries resources has been predicted in Belitung Sea, yet it contributes insignificantly to fisheries sector of Belitung Region. Currently, 13 fishing gears have been operated and their possible introduction of site specific gears are also is able to implement. The aims of this research were to determine the appropriateness fishing gear to each sub regions in Belitung Region, also to formulate strategic policies in the development of capture fisheries, and therefore fisheries could become Belitung Region economic base in the future, replacing mining sector. This research was held in Sijuk, Tanjung Pandan, Badau, and Membalong Subregions in Belitung Regency. Analyses that used were descriptive analysis, fish resource analysis, feasibility analysis for catch fisheries effort, Location Quotient (LQ) analysis and micro-macro link analysis which modified with structural equation modelling (SEM) method. The results were from 13 fishing gears usually used in Belitung Regency, only seven fishing gears that appropriate with each sub region, there were troll lines, large stationary fish trap and bubu that suitable if developed in Sijuk Sub-region, boat seine and drift gill net that suitable if developed in Tanjung Pandan Sub-region, trammel net that suitable in developed in Badau Sub-region, and the last was boat fishing platform that suitable if developed in Membalong Sub-region. And Micro-Macro Link (MML) analysis show there was significant influence between Belitung fisheries effort with fishing base area (p = 0.008), between fiscal condition to market output growth (p = 0.002) and base area (p = 0.005), between national policy to monetary (p = 0.002) and trade (p = 0.007), between trade to regional economy (p = 0.003), and between regional economic to supporting sector (p = 0.000). The conclusions were Sijuk could become basis for troll lines, large stationary fish trap and bubu; Tanjung Pandan basis for boat seine and drift gill net; Badau basis for trammel net; and Membalong basis for boat fishing platform. And fisheries development strategic policies should be directed to developing catch fisheries effort which have potential based and regional prospect, local fisheries product market redemption, also superior fisheries effort, especially when condition of national financial and global finance not stable, anticipation policy for unsupported condition because of national policy that prevail in Belitung region, developing fisheries product lines of business that could be long term or permanent, and there is guarantee for services business that become main support to fisheries development.

Keywords: fishing gears, fisheries, micro-macro link, Belitung Regency