ABSTRACT

ALFIAN HELMI. Fisher’s Adaptation Strategy to Ecological Changes in Coastal Area. Supervised by ARIF SATRIA

The objectives of this research are to assess the effect of ecological change towards fisher’s life and its adaptation strategy in coastal area of Pulau Panjang, Sub-district Simpang Empat, Tanah Bumbu Regency, South Kalimantan. Qualitative and quantitative method are used in this research. The research’s result shows that there are ecological changes caused by the establishment of coal port, opening of coastal pond, illegal logging, and mangrove conversion into housing. Social-economic impacts felt by the fisher’s are depletion of fish diversity, loose of substrate and livelihood threat. The fisher’s adaptation strategies include (i) diversification in economic source (53.3% respondent); (ii) diversification in fishing equipment (33.3% respondent); (iii) fishing area movement (16.7% respondent); (iv) social network improvement and utilization (50% respondent); (v) family members mobilization (33.3% respondent); and (vi) other strategies, such as illegal logging and looking for donation (30% respondent).

Key words: adaptation strategic, ecological change