ABSTRACT

MAURITS KRISTIAN RUMFAKER. A payment analysis of environmental services in Raja Ampat Marine Conservation Area. Under supervision AKHMAD FAUZI and SUZY ANNA.

This research is aiming to assess the environmental services with produced by the Raja Ampat Marine Conservation Area, by implementing the economic instrument of the environment services payments. The results of research show that: (1) total willingness to pay (WTP) of all components (fisherman, dive operators, local and international tourists) is IDR 7,139,780,000 per year, which contains IDR 473,282,500 per month from fishermen; IDR 1,100,000 per month from dive operators; IDR 98,000,000 per year from local tourists; and IDR 49,190,000 per year of the international tourists; (2) based on the analysis, factors which influence WTP of fisherman are gender, income, and operational budgets, while on WTP of local tourists are education background and incomes; the operational budgets of environment and resources management in the Raja Ampat Marine Conservation Area in one year is IDR 6,986,800,000. Thus, WTP potential value is higher than operational budgets. Or in other word, the environmental services payments can be used as an alternative way to get funding to manage Raja Ampat Marine Conservation Area while keeping conserve the environment; (4) based on the results of the analysis the monetary system which manage by local government by non-tax income (PNBP) is reliable and this will vent the grow of unwanted institutions that will make inefficiently in funding management of the money get from the environmental services payments in the Raja Ampat Marine Conservation Area; (5) the policy is needed to implement the environmental services payments for the Raja Ampat Marine Conservation Area, which have to choose the main stakeholders, namely the user and the provider environmental services.

Key words: payments, environment services, conservation funding, the Raja Ampat Marine Conservation Area.