

## **ABSTRACT**

### **Analysis of Effectiveness of Budget Operations and Maintenance of Performance Tidal Swamp Reclamation System**

*(Case Study: Swamp Reclamation System Telang I South Sumatera Province)*

*In accordance with Law no. 7 of 2004 on Water Resources Article 64 (2), that the implementation of the operation and maintenance of water resources consist of maintenance of water sources and operation and maintenance of water resources infrastructure include the regulation, implementation, monitoring, and evaluation to ensure the preservation of the function and benefits of water resources. To keep the whole infrastructure swamp reclamation system to provide optimum benefit and guarantee the preservation of its function, it would require sufficient operation and maintenance (O&M), both human resources and financing aspects. The analysis of the cost of O&M tidal swamp reclamation system should refers to the current regulations, which discusses the components needed and how to formulate the calculations. This study discusses the type of research, the scope of the study, data sources, the object of research, research facilities, as well as data processing locations to determine the needs of the cost of O&M. Initial calculations that should docalculate the Real Operations and Maintenance Requirements (AKNOP) according to real needs in the field, and then converted to hectares (ha) which aimed to provide ease of preparation the budget program. Calculation of costs which based on AKNOP includes the current state for the next 5 years. In anticipation of the allocation of government funding, it will do the study of several scenarios, beginning with Scenario I (the ideal) to Scenario III (at least). As an illustration material, in 2010 the government gave the cost of O&M swamp reclamation system per hectare (ha) of Rp. 190.000,-. From the analysis and calculation of the real needs in the field, O&M costs per hectare (ha) is Rp. 577.863, -, so expect the performance of the Tidal Swamp Reclamation System can be more assured. To get around this, cost sharing is required and the empowerment of farmers and other relevant agencies.*

**Keywords :** *Operations and Maintenance, Tidal Swamp Reclamation System, AKNOP, Empirical, Budgeting*