Abstract

The displacement of forest management orientation from economics loaded purpose to Sumber Daya Hutan (SDH) oriented management and forest community development force forest planning to directs economics loaded in a line with interaction surveillance between forest and it's social environment. Besides there wasn't permanent database, many of analysis and manual data processing as well as unstructured of valuation causes Hutan Pinus Merkusii (HPM) planning become complex and long.

This Decision Support System (DSS) uses 2 databases as database component, PRIME method as model base component and web based software completed with interactive map at software system component. At database component, function of first database is as raw data plannig storage while second database as transactional database planning. Hutan Pinus Merkusii (HPM) Planning uses 3 groups of data that's data of forest production, data history of forest occurrence and data Risalah. PRIME method is an decision elicitation method in multi-attribute analysis model which connect criteria and alternative by directs.

This final project, implements orientation changes by developed DSS which is accommodates criteria addition to a model base structure and ranks the results uses decision rules of PRIME method. Rank can be equals or extremely different with rank of results by old system because new data processing, weighting and adding criteria.

***Keywords** : HPM Planning, PRIME Method, DSS*