Abstract

The clearing land or clearing of oil palm plantations needs stakeholders' involvement in decision making, such as the role of government group, environmentalists, investors and the agricultural community groups from non-governmental organizations (NGO). This paper discusses about the Group Decision Support (GDS) that can be used for Oil Palm Plantation Land Clearing cases involving various stakeholders. Problem solution of Group Decision Support Clearing Oil Palm Plantation (GDS-COPP) can be categorized based on the stakeholder's model. The grouping results showed that Multi-Criteria Decision Analysis (MCDA) methods most widely used in previous papers. This paper aims to provide an overview that MCDA models and Analytic Hierarchy Process (AHP) method can be used in cases involving stakeholders in decision-making groups for plantation land clearing cases.

References


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Index Terms

Computer Science

Information Sciences

Keywords

Oil Palm  Plantation  Multi-stakeholder  Group Decision Support.