

Strategy for Developing Dukuh Agroforestry System in Ati'im Village, Pengaron SubDistrict,
Banjar Regency, South Kalimantan Province, Indonesia

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Abstract: South Kalimantan citizens in the Banjar Regency, Indonesia, have developed a community forest using a Dukuh agroforestry system. The Dukuh agroforestry is a land system utilized by the community with plants dominated by fruit crops. Land use should be carried out optimally and refer to environmentally sound management that should be conducted to achieve a productivity of yields to support a regional economy. The purposes of this study were to analyze income and formulate strategies for developing the Dukuh agroforestry system that can be recommended for the utilization of forests in Ati'im Village, Pengaron Sub-district, Banjar Regency. The research methods included observation, interviews, and library study. The results showed that (a) The average income earned by farmers through the dukuh agroforestry system for a year is IDR 33,734,000 or the equivalent of IDR 2,800,000 (b) Strategy (SO) can increase the cooperation among farmers, to maximize the farmer experiences, and to take advantage of climate and weather; (c) Strategy (ST) will take advantage of farmer experiences in order to manage the Dukuh agroforestry in simple ways and to overcome pest problems to gain expected yields of crops; (d) Strategy (WO) can be used to increase the roles in the village institutions or government agencies in terms of the counseling implementation and training; and (e) Strategy (WT) applied to utilize the existing technology and simple management, as well as the certainty of the selling price for crops to increase the farmer's interest and economy. Keywords: Dukuh agroforestry, forest community, land use.