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“Global food security and food safety:
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Mapping of Resources and Potential Development for Food-Secure Region in East Seram, Maluku Province

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Abstract

East Seram Maluku Province is classified as the 2nd priority by the World Food Programme (WFP), a highly vulnerable region that should be improved. The aim of this program was to develop Agro Sector Potential map of current condition, problems, threats, potentials, and strategic policies to develop food security in this area. The program was focused in Bula district, East Seram, Maluku Province, through: 1) literature study; 2) identification and mapping of natural resources; 3) Focus Group Discussion; 4) field work and data collection; 5) data analysis; 6) development of program; 7) workshop. The results of this program are a) characteristics of food insecurity (1) villages without connecting road, (2) high prevalence of underweight among children, and (3) ratio of normative consumption per capita to net cereal production. The livestock were still raised traditionally on natural pastures; b) Population potentials in increasing food security stated that members of productive age can fill the job opportunities, c) Program of food security improvement stated that the two target villages, Jembatan Basah and Rukun Jaya, have not yet developed a Village-Owned Enterprise. The main problem is due to the limited human resources capable of managing it; and d) The calculation Analysis of intervention to food insecurity indicator shows that the projected achievement of the implementation of food security program for 5 years was able to reduce food insecurity priority of East Seram District from priority 2 (prone) with composite score of 113.34 to priority 4 with composite score of 72.98. Moreover, the ideal strategy to reduce food insecurity is to build a human-centered community based on a well-targeted and sustainable insight of local resource management referring to potential village maps as references for effective planning and efficient programs designed by the government.

Keywords: Food-insecurity, food-security, livestock, mapping