

## **MAPPING OF RESOURCES AND POTENTIAL DEVELOPMENT FOR FOOD-SECURE REGION IN EAST SERAM, MALUKU PROVINCE**

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### **ABSTRACT**

Indonesia Food Sustainability and Vulnerability Assessment (FSVA) 2015 by the World Food Programme (WFP) classified East Seram, Maluku Province as the 2<sup>nd</sup> priority, a highly vulnerable region 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 on Bula district, East Seram, Maluku Province, through: 1) literature study; 2) identification and mapping of natural resources; 3) Focus Group Discussion; 4) field trip and data collection; 5) data analysis; 6) development of program; 7) workshop. The determining factors of vulnerability to food-insecurity were: (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. Some of the programs needed to build resilience to enhance food-security in Bula are: (1) Improvement of land productivity, including infrastructure, facilities for intensive livestock systems, and optimization of dry land's potential; (2) Water management through the development of water reservoirs and the preservation of watershed and groundwater basins; (3) Capacity building for communities including farmers, the education on food consumption and processing, society empowerment by improving soft skills and hard skills. The analysis and estimation of WFP showed that after the intervention, the composite score of East Seram changed from 2<sup>nd</sup> priority to 4<sup>th</sup> priority. Therefore, the potential map was ideal as a reference in planning an effective and efficient program.

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