



# AICEDC

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## ABSTRACT PROCEEDINGS



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### GREETING FROM RECTOR

#### UNIVERSITY OF JEMBER

Assalamualaikum Wr. Wb.

First of all, let us offer thanks to the presence of Allah SWT for His abundant mercy, guidance and blessings to all of us so that today we can gather at the 4<sup>th</sup> Annual International Conference on Economic in Developing Countries. Welcome to the University of Jember for participating at the 4<sup>th</sup> Annual International Conference on Economic in Developing Countries 2018.

I am glad to see the fact that more than 100 participants come to present their research findings and exchange views on Economy for Sustainable Development topics. Economy Sustainable Development is one of the very interesting topic to be discussed. The Sustainable Development aims to creating sustainable improvement in the quality of life of people, increasing the economic growth through meeting basic need and maintain the environmental resources along with economic development. It is very important that international researchers and practitioners meet and discuss this most recent and advanced research. We are very happy that you have choose this conference as your place to exchange knowledge and driving new partners.

Finally, I would like to take this opportunity to thank and congratulate the host and also the organizing committee of this international conference. The Faculty of Economics and Business, University of Jember. Enjoy this international conference and thank you.

Jember, September 28<sup>th</sup> 2018

Drs. Moh. Hasan, M.Sc, Ph.D  
Rector





SUPPLY CHAIN RISK CONTROL FRAMEWORK IN  
COFFEE COMMODITY

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Abstract

This study concern the risk control of supply chain of coffee commodities in Indonesia. Coffee, listed as a commodity export mainstay in the sub-sector of plantations in Indonesia. Data from the Ministry of Agriculture shows that the contribution of foreign exchange from coffee commodities reached 1.36 billion US Dollars. This contribution is the largest of the plantation sub-sector, after coconut, rubber and cocoa. The volume of coffee exports reached 639,305 tons in 2016. This condition places Indonesia as one of the 4th largest coffee exporters in the World, after Brazil, Vietnam and Colombia based on USDA data. Although, the large contribution of export value, coffee production tends to decrease in some areas, Jember regency, for example is one of the coffee producing regions in East Java whose production decreased by 0.2% in 2016 compared to 2015. Studies show that there are various risk agents that must be controlled in every supply chain related to suppliers, traders, industry and distributors. This paper is a case study on supply, trade, industry and distribution, with data collection instruments in-depth interviews to respondents such as farmers, traders, and distributors in Jember regency and secondary data obtained through literature study. This study provides an overview of the various interrelated risk agents on the coffee supply chain and build a risk-control framework on an international-oriented empirical based supply chain Paper

Type: Research Paper

Keywords : Risk Control, Supply Chain Management, Coffee

STUDY OF SUGAR CANE FARMING AS A PERSPECTIVE  
OF SUGAR CANE PRODUCTION DEVELOPMENT IN  
SITUBONDO REGENCY

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Abstract

Related to the achievement of sugar self-sufficiency, sugar production is expected to always increase from year to year. The purpose of this research is to know how the influence of sugar cane farming experience, sugarcane area, and ratoon, either simultaneously or partially test to sugar production in Situbondo Regency. The data used are primary data obtained by distributing questionnaires to sugar cane farmers, and secondary data coming from related institutions. The data obtained were processed using Multiple Linear Regression Analysis method. Result of F test (simultaneously), it can be concluded that the variables of sugar cane farming experience, sugarcane area, and ratoon, have significant effect on sugar production in Situbondo regency. The t test (partially) shows that the area of sugar cane field has a positive and significant effect on sugar production in Situbondo Regency. The experience of sugarcane and ratoon farming has no significant effect on sugar production. The magnitude of coefficient of determination (R Square) means variable of sugar cane farming experience, sugarcane area, and ratoon, affecting the production of sugar equal to 92.4%. To increase the production of sugar, it is necessary to repair and use of technology in the way of sugar cane farming. In addition to the ease of obtaining credit for capital of farming and ratoon.

Keywords : Agriculture, Sugarcane, Production, Situbondo Regency

THEME 1

THEME 1