



RENPER 5 CONFERENCE

OCTOBER 22-24, 2014
HO CHI MINH CITY, VIETNAM

HOSTED BY
BANKING UNIVERSITY OF HOCHIMINH CITY
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WEDNESDAY, OCTOBER 22 (DAY 1)

REGISTRATION: 08:00 - 09:00

OPENING SPEECH: 09:00 – 10:00

Room: TBA

Introduction

Welcome Speech, Ly Hoang Anh, The president of BUH

RENPER Chairman

Representative from State Bank of Viet Nam

COFFEE BREAK: 10:00 - 10:30

SESSION 1: 10.30 – 12.30

(1A) POVERTY ERADICATION

Room: TBA

Chair: Ir. Fahrurrozi

Vulnerability to Poverty in Malaysia: What Longitudinal Data Can Tell Us?

Author: Abdelhak Senadjki, Universiti Tunku Abdul Rahman, Perak; Jamalludin Sulaiman; Saidatulakmal Mohd, Universiti Sains Malaysia, Penang. Malaysia

Presenter: Abdelhak Senadjki

Poverty eradication through non-Governmental organizations (NGOs): the role of the Philippine council for NGO certification (pcnc)

Author: Tita Evasco-Branzuela, San Beda College, Phillipines

Presenter: Tita Evasco-Branzuela

The determinants of poverty: a study in Mekong delta

Author: Do Hoang Oanh, Banking University of Ho Chi Minh City, Vietnam *Presenter: Do Hoang Oanh*

Measuring poverty among elderly Malaysians

Author: Jariah Masud; Sharifah Azizah Haron, Institute of Gerontology, UPM, Malaysia
Presenter: Jariah Masud

Vietnam's poverty during the last 7 decades: lessons to be learnt

Author: Luong Ngọc Bích, Banking University of Ho Chi Minh City, Vietnam *Presenter: Luong Ngọc Bích*

(1B) BUSINESS AND FINANCE

Room: TBA

Chair: Mohd Rafi Bin Yaacob

Building Econometric Model for Inflation and Unemployment Rate in Vietnam and Myanmar

Author: Dinh Tran Ngoc Huy, International University of Japan, Vietnam
Presenter: Dinh Tran Ngoc Huy

The Role of Microfinance In The Development Of Petty Traders In Penang: The Case Of Program Titian Saksama Rakyat (Ptrs)

Author: Dalilah Yusoff; Mohd Zaini Omar; Fatimah Hassan, Penang Development Corporation, Malaysia
Presenter: Dalilah Yusoff

Financial performance and outreach of microfinance

Author: Phạm Ngọc Tường Loan, Banking University of Ho Chi Minh city; Nguyễn Tấn Huy-University of Reading, UK
Presenter: Phạm Ngọc Tường Loan, Nguyễn Tấn Huy

Vietnam Enterprise With Green Economy Development: Opportunities and Challenges

Author: Doan Thanh Ha , Banking University of Ho Chi Minh City, Vietnam *Presenter: Doan Thanh Ha*

Housing Financial Solutions For Low-Income Households In Vietnam

Author: Ngoc Le Thanh, Banking University of Ho Chi Minh City, Vietnam *Presenter: Ngoc Le Thanh*

(1C) CULTURE, SOCIAL RESPONSIBILITY AND HEALTH CONCERN

Room: TBA

Chair: Titiek Kartika Hendrastiti

Does Corporate Social Responsibility Enhance Trust and Quality of Work Life of Workers?

Author: Nguyen Dinh Tho; Nguyen Dong Phong; Tran Ha Minh Quan, University of Economics HCM City, Vietnam

Presenter: Nguyen Dinh Tho

Fostering Character by Humanism Religious Approach: A Case Study of Islamic Education in Indonesia

Author: Muhammad Thoriq Fauzan, The State Islamic Institute of Surakarta (IAIN); Luthfia Khoirunnisa, Gadjah Mada University (UGM), Indonesia

Presenter: Muhammad Thoriq Fauzan

Micro Economic Impacts of International Migration

Author: A. S. A. Ferdous Alam; Halima Begum; Chamhuri Siwar; Basri Talib; Md. Anowar Hossain Bhuiyan; Rahmah Elfithri, Universiti Kebangsaan Malaysia, Malaysia

Presenter: A. S. A. Ferdous Alam

Art and Culture – Crisis of Space in the Society: An evolutionary essay

Author: Banhi Chakraborty, Indian Institute of Technology, Indonesia

Presenter: Banhi Chakraborty

Social counterargument and its role for the economic sustainable development in market economy

Author: Dang Danh Loi, University of Security; Nguyen Thi Thu Lai, Banking University of Ho Chi Minh city, Vietnam

Presenter: Nguyen Thi Thu Lai

1(D) AGRICULTURAL ECONOMICS

Room: TBA

Chair: Sarker Mohammad Rezaul Karim

Empowering The Smallholder Farmers To Gain More Profitable Rice Production

Author: Mohammad Chozin, Sumardi, Sigit Sudjarmiko, University of Bengkulu, Indonesia

Presenter: Mohammad Chozin

Potential of Clay Based Industry In Malaysia For Poverty Alleviation: A Brief Overview

Author: M.A. Sulaiman, M.N. Masri, M.B. Abu Bakar, Mazlan Mohamed and Mohammad Amizi. A, UMK, Malaysia

Presenter: Muhammad Azwadi Bin Sulaiman

Assessment of the current situation, and to propose technical and market solutions in cattle production in the north-western highland of Vietnam contributing to sustainable poverty reduction

Author: Nguyen Hung Quang, Mai Anh Khoa, Phan Dinh Tham, Thai Nguyen University of Agriculture and Forestry – TUAFF, Vietnam; Stephen Ives, Tasmania University - UTAS, Australia

Presenter: Nguyen Hung Quang

Kenaf Fibre (Kf) As Value Added Material In Biocomposite Industry

Author: M.B. Abu Bakar, M.A. Sulaiman, M.N. Masri, Mazlan Mohamed, Mohammad Amizi A. and M.S. Salim, UMK and Universiti Sains Malaysia, Malaysia

Presenter: Mohamad Bashree Bin Abu Bakar

Role of Service Of Sundarban Mangrove Forest For Poverty Eradication In Southern Part Of Rural Bangladesh

Author: Mohammed Abdus Salam, Siti Fazlin Othman, Razak Wahab, Hashim Md Noor, Nazahatul Anis Amaludin, UMK, Malaysia

Presenter: Mohammed Abdus Salam

SESSION 2: 14.00 – 16.00

(2A) GENDER EQUALITY AND COMMUNITY ACTIVITIES

Room: TBA

Chair: Ngo Vi Trong

Developing single mother development model: a strategy of poverty eradication through entrepreneurship program

Author: Mohammad Ismail; Nadia Hanum Amiruddin; Razli Che Razak; Mohd Rafi Yaacob; Mohd Nazri Zakaria, Universiti Malaysia Kelantan, Malaysia

Presenter: Mohammad Ismail

Centering Vulnerable Interests: The Making of Women's Protection Model from the Field Lessons

Author: Titiek Kartika Hendrastiti; Irna Riza, University of Bengkulu, Indonesia *Presenter: Titiek Kartika Hendrastiti*

Women Entrepreneurship in Peripheral Fishing Area: Are They Real Entrepreneurs?

Author: Nik Maheran Nik Muhammad, UMK; Wan Zumusni Wan Mustafa; Norhayati Abd. Muin, Universiti Teknologi MARA, Malaysia
Presenter: Nik Maheran Nik Muhammad

Profiles of women in recycling business in the least developed states in Malaysia – an alternative enterprise?

Author: Mohd Rafi Bin Yaacob, UMK, Malaysia
Presenter: Mohd Rafi Bin Yaacob

(2B) POVERTY ERADICATION

Room: TBA

Chair: Ha Thi Thieu Dao

Impact of Recent Changes in Agriculture on Poverty Status in Bangladesh

Author: Md. Ruhul Amin, University Malaysia Kelantan, Malaysia
Presenter: Md. Ruhul Amin

Proposing Poverty-Eradication Model: The Role Of Entrepreneurship, Waqf And Education In Indonesia

Author: Chandra Suparno, Indonesia
Presenter: Chandra Suparno

Some Solutions to Reinforce Efficiency Against Hunger and Poverty in Vietnam

Author: Ngo Van Tuan, Banking University Ho Chi Minh City, Vietnam
Presenter: Ngo Van Tuan

Hunger, Poverty And Poverty Alleviation Policy In Vietnam

Author: Nguyen The Binh, Banking University Ho Chi Minh City, Vietnam *Presenter: Nguyen The Binh*

Income Components And Poverty Among Older Men And Women In Malaysia

Author: Norisma Aiza Ismail; Jariah Masud; Zumilah Zainalaludin, Institute of Gerontology-Universiti Putra Malaysia

Presenter: Norisma Aiza Ismail

(2C) AGRICULTURAL ECONOMICS

Room: TBA

Chair: Md. Ruhul Amin

Meliponiculture – An alternate source of nutrition and income to villagers.

Author: Kumara, T.K.; Arifullah, M., Farisya, M.S. & Abu Hassan,. A.Kumara, T.K, University Malaysia Kelantan, Malaysia *Presenter: Kumara, T.K.*

Secret of Mangrove Forest: Potency and Utilization

Author: Eka Dhamayanti, Indonesia

Presenter: Kamil Ismail

Sustainability of Oil Palm Smallholders: the Environment, Social and Economic perspectives.

Author: Halima Begum; Er A C; A. S. A. Ferdous Alam; Rafiqul Islam, Universiti Kebangsaan Malaysia, Malaysia

Presenter: Halima Begum

Critical factors impact on service activities of agricultural cooperatives in Vietnam

Author: Ly Hoang Anh, Banking University of HCM, Vietnam

Presenter: Ly Hoang Anh

Humid Tropical Highland of Bengkulu

Author: Nanik Setyowati; Sigit Sudjarmiko; Zainal Mukhtar; Fahrurrozi, University of Bengkulu, Indonesia

Presenter: Nanik Setyowati

(2D) CULTURE, SOCIAL RESPONSIBILITY AND HEALTH CONCERN

Room: TBA

Chair: Che Zaliha Shahrum Taib

Problems of Development Participation Among Orang Asli In Malaysia: Sungai Berua Village Cases, Terengganu

Author: Ramle Abdullah, Mohamad Hafis Amat Simin, Mohamad Asmawi Ibrahim, Universiti Sultan Zainal Abidin, Malaysia

Presenter: Ramle Abdullah

Homelessness in Malaysia: victims of circumstance or by choice?

Author: Wee Yu Ghee, Raja Norliana Binti Raja Omar, UMK, Malaysia

Presenter: Wee Yu Ghee

Banking University of Ho Chi Minh City in supporting national program building new rural areas

Author: Ly Hoang Anh & Nguyen Thi Huyen Trang, Banking University of HCMC, Vietnam

Presenter: Nguyen Thi Huyen Trang

Law enforcement in fisheries licenses in Bengkulu city as an effort to perform sustainable fishery community

Author: Ema Septaria, University of Bengkulu, Malaysia

Presenter: Ema Septaria

Number of Family Members and Family Business Status Explained the Leadership Position in Communal Activity of Food Processing Entrepreneur for Poverty Eradication in Rural Malaysia

Author: Zumilah Zainalaludin; Jariah Masud; Norisma Aiza Ismail, Universiti Putra Malaysia, Malaysia

Presenter: Zumilah Zainalaludin

Economic empowerment hunting and gathering community in Malaysia through ecotourism activities in the national park

Author: Asmawi Ibrahim; Ramle Abdullah; Hafis Amat Simin, University of Sultan Zainal Abidin, Malaysia

Presenter: Asmawi Ibrahim

COFFEE BREAK: 16.30 – 17.00

DINNER: 18.00 -

THURSDAY, OCTOBER 23 (DAY 2)

SESSION 3: 08:00 – 10.00

(3A) BUSINESS AND FINANCE

Room: TBA

Chair: Nik Maheran Binti Nik Muhammad

Marketing strategies for street vendors in Ho Chi Minh city, Vietnam

Author: Dinh Thu Quynh, Banking University of Ho Chi Minh City, Vietnam *Presenter: Dinh Thu Quynh*

Counterfeits and their costs

Author: Nguyen Thi Mai Trang, University of Economics-Law; Pham Thi My Hien, UEH International School of Business, University of Economics HCM City, Vietnam
Presenter: Nguyen Thi Mai Trang

Adaptability of Vietnamese SMEs toward outsourcing trend

Author: Nguyen T. H. Tran; Chen Shi-Liang; Thong A Van; Truong H. A. Tho; To Thuy Trang; Tran T. P. Thuy; Foreign Trade University, Vietnam, Asia University, National Chi Nan University, Taiwan
Presenter: To Thuy Trang

Rural tourism – new path to famine elimination and poverty reduction

Author: Do Thi Mai Hoang Ha; Phan Dang Bao Anh; Nguyen Vinh Long, University of Finance – Marketing, Vietnam
Presenter: Do Thi Mai Hoang Ha

Impact evaluation of tang loong copper-refining factory on the surroundings' livelihood

Author: Le Thi Yen; Pham Le Van; Nguyen Van Thinh, Thai Nguyen University of economics and business administration (TUEBA), Vietnam
Presenter: Le Thi Yen

(3B) AGRICULTURAL ECONOMICS

Room: TBA

Chair: Imad Ibrahim Ali Al-Sultan

Highlighting the Important Role of Farmer's wife in Organic Farming: Learn from the Development of Closed Agriculture Production System in Air Duku Village, Bengkulu, Indonesia

Author: Zainal Mukhtar; Djonet Santoso, University of Bengkulu, Bengkulu Indonesia

Presenter: Zainal Mukhtar

Establishment Sweet Corn Based Multiple Cropping: In Closed Agricultural Production Systems at Air Duku Village, Rejang Lebong Highland: Challenges and Opportunities

Author: Fahrurrozi; Nanik Setyowati; Sigit Sudjarmiko; M. ChozinFahrurrozi, University of Bengkulu, Indonesia

Presenter: Fahrurrozi

Sustainability of households' seafood processing activities in Mekong Delta

Author: Xuan Minh Nguyen; Quoc Trung Tran, Foreign Trade University, Vietnam

Presenter: Quoc Trung Tran

Closed farming system: can the farmers maintain soil fertility?

Author: Sigit Sudjarmiko; Zainal Mukhtar; Nanik Setyowati; Fahrurrozi, University of Bengkulu, Indonesia

Presenter: Sigit Sudjarmiko

Weed Sourced Organic Fertilizer for Vegetable Production in Closed Agriculture System in Humid Tropical Highland of Bengkulu

Author: Nanik Setyowati, University of Bengkulu

Presenter: Nanik Setyowati

(3C) EDUCATION AND EMPLOYMENT

Room: TBA

Chair: Rosdi Bin Ab. Rahman

Unemployment, Poverty and Indonesian Overseas Workers

Author: Erni Panca Kurniasih, Universitas Tanjungpura, Pontianak, Indonesia; Fariastuti Djafar, Universiti Malaysia Sarawak (UNIMAS), Malaysia
Presenter: Fariastuti Djafar

Solutions create employments for rural employees in Vietnam
Author: Hoang Thi Thanh Hang, Banking University of HCM, Vietnam
Presenter: Hoang Thi Thanh Hang

Poverty eliminates with Education
Author: Moma Yuni Anty Sihotang, University of Indonesia
Presenter: Moma Yuni Anty Sihotang

The impact of Education on the development of Vietnam
Author: Nguyen Thi My Hanh, Banking University of Ho Chi Minh City, Vietnam
Presenter: Nguyen Thi My Hanh

The Determinants Of High School Dropout In Rural Areas Of Mekong Delta
Author: Lam Quang Loc; Tran Minh Tam, Banking University of Ho Chi Minh City, Vietnam
Presenter: Lam Quang Loc

COFFEE BREAK: 10.00 – 10.30

SESSION 4: 10.30 – 12.30

(4A) POVERTY REDUCTION

Room: TBA
Chair: Le Ho An Chau

Where is the poverty line in Malaysia?
Author: S. M. Rezaul Karim; Norhafizah Binti Md Zain, Universiti Malaysia Kelantan, Malaysia

Presenter: S. M. Rezaul Karim

Getting out of poverty: cases of art activists turned entrepreneurs

Author: Farok Zakaria, Universiti Malaysia Kelantan, Malaysia

Presenter: Farok Zakaria

Poor households' credit accessibility: the case of rural Vietnam

Author: Ha Thi Thieu Dao; Nguyen Thi Mai; Nguyen Thien Kim, Banking University of HCMC, Vietnam

Presenter: Nguyen Thien Kim

Poverty: An assessment of the efforts undertaken in Malaysia

Author: Rosdi Ab Rahman, Universiti Malaysia Kelantan, Malaysia

Presenter: Rosdi Ab Rahman

Some countries' experience in stable poverty reduction

Author: Phan Dien Vy, Le Thi Thanh Huyen, Banking University of Ho Chi Minh City, Vietnam

Presenter: Phan Dien Vy

(4B) CULTURE, SOCIAL RESPONSIBILITY AND HEALTH CONCERN

Room: TBA

Chair: Imad Ibrahim Ali Al-Sultan

Public spaces as micro architecture- safety for people with disability (PWD)

Author: Che Zaliha Shahrum Taib, Universiti Kebangsaan Malaysia(UKM), Malaysia

Presenter: Che Zaliha Shahrum Taib

The potential use of melastoma malabatricum extract as natural anthelmintic againsts

Haemonchus contortus of goat for small farmer in Bengkulu

Author: Tatik Suteky; Dwatmadji; Edi Sutrisno, University of Bengkulu, Indonesia *Presenter: Tatik Suteky*

Natural colour, flavour and fragrance in *vitex trifolia-simplicifolia* leaf with antioxidant and anticancer properties

Author: Aweng, E.R.; Nur Hanisah; A. Anwar Ismail, Universiti Malaysia Kelantan, Malaysia
Presenter: Madya Dr. Aweng A/L Eh Rak

The reflection of corrupted government on poverty: Iraq case
Author: Imad Ibrahim Al-Sultan; S. Jasni; Wajdi Anwar Mardan, University Malaysia Kelantan, Malaysia
Presenter: Imad Ibrahim Al-Sultan

Conservation of rafflesia and alternative livelihood: a case study of the temiar ethnic in lojing highlands, Kelantan, Malaysia
Author: Zulhazman Hamzah; Nurqayyum Nadia Wan Arifin; Nasihah Mokhtar, University Malaysia Kelantan, Malaysia
Presenter: Zulhazman Hamzah

(4C) BUSINESS AND FINANCE

Room: TBA
Chair: Mohammad Bin Ismail

Green Banking: Sustainable Strategies for Bank Financing in Vietnam
Author: Vo Thi Thanh Nga, Banking University of Ho Chi Minh City, Vietnam *Presenter: Vo Thi Thanh Nga*

Enhancing competitive through Branding Strategy: Lesson Learn From Calamansi Syrup OVOP Bengkulu
Wahyu Widiastuti, Artety sumeri, University of Bengkulu, Malaysia
Presenter: Wahyu Widiastuti

Determinants of economic performance of provinces and cities in Vietnam
Author: Le Trung Nhan, Nguyen Van Tung, Banking University of HCMC, Vietnam *Presenter: Le Trung Nhan*

Impact of economic growth on sustainable poverty reduction in Binh Duong - situation and solutions
Author: Bui Thanh Xuan, Thu Dau Mot University, Vietnam
Presenter: Bui Thanh Xuan

LUNCH: 12.20 – 14.00

SESSION 5: 14.00 – 16.00

(5A) AGRICULTURAL ECONOMICS

Room: TBA

Chair: Nanik Setyowati

Factors affecting beef cattle sharing (gaduhan) program to alleviate poverty in district of Bengkulu tengah – province of Bengkulu, Indonesia

Author: Dwatmadji; Tatik Suteky, University of Bengkulu, Malaysia *Presenter: Dwatmadji*

Developing Agribusiness Centre in Campus for Traditional Farmers in Jeli Kelantan

Author: Mohammad Amizi A.; Jamaluddin, M.H.; Suhaimi O.; Abdul Hamid H. M. I.; Fatimah Kayat.; N.N Azwanida; M. Mazlan; M.B Abu Bakar, Universiti Malaysia Kelantan, Malaysia
Presenter: Mohammad Amizi A

Low Cost Nursery Technology for Mass Propagation of Banana Seedling by Small Scale Growers

Author: Suhaimi, O.; Ahmad Yusuf, M.K, University Malaysia Kelantan, Malaysia *Presenter: Suhaimi, O.*

Settlement Household Livelihoods for Poor Fishermen: The case of Cam Ranh reservoir, Khanh Hoa Province

Author: Ha Thi Thieu Dao, Banking University; Pham Hong Manh, Nha Trang University, Vietnam
Presenter: Pham Hong Manh

Oil Palm Fronds (OPF) as Alternatives of Affordable Source Ruminant Livestock feeds for Small Holders and Traditional Farmers

Author: Amizi, A.; Abdul Hamid H.M; Zulhisyam A.K.; Seri Intan Mokhtar.; Zul Ariff Abdul Latiff; M.A Sulaiman; M.N Masri, University Malaysia Kelantan, Malaysia
Presenter: Mohammad Amizi Ayob

Sedimentary nutrient status and water quality assessment of tumpat mangrove swamp forest at kelantan delta

Author: Mohammed Abdus Salam, Siti Fazlin Othman, Razak Wahab, Hashim Md Noor, Nazahatul Anis Amaludin, UMK, Malaysia

Presenter: Mohammed Abdus Salam

(5B) ENVIRONMENT AND ENERGY

Room: TBA

Chair: Madya Dr. Aweng A/L Eh Rak

Energy efficiency as a stepping stone for sustainable development: some insights in developing country

Author: Norzalina Zainudin, Chamhuri Siwar , Er Ah Choy & Norshamliza Chamhuri, Selangor International Islamic University College, Malaysia

Presenter: Norzalina Zainudin

Model of eco-industrial parks solution sustainable development of industrial parks in Vietnam

Author: Ly Hoang Anh, Banking University of Ho Chi Minh city; Pham Nguyen Ngoc Anh, University of Economics HCM City, Vietnam

Presenter: Pham Nguyen Ngoc Anh

A brief review on potential of sago as an alternatives natural resources for green energy in rural area

Author: M.N. Masri, M.A. Sulaiman, Mohammad Amizi A., M. Mazlan and M.B Abu Bakar, UMK, Malaysia

Presenter: Mohamad Najmi Bin Masri

Parthenium weed invasion of Malaysia: A possibility of natural disaster and poverty in rural livelihood

Author: S. M. Rezaul Karim Fatimah bt. Changgрок @ Kayat, Nur Zafirah Binti Zulkifli, Universiti Malaysia Kelantan, Malaysia

Presenter: S. M. Rezaul Karim,

A brief review on potential of sago as an alternatives natural resources for green energy in rural area

Author: Mohamad Najmi Bin Masri, UMK, Malaysia

Presenter: Mohamad Najmi Bin Masri

Sustainable development of industrial parks in Binh Duong province - research from environmental issues

Author: Pham Nguyen Ngoc Anh, University of Economics HCM City, Vietnam; Tran Mai Uoc, Banking University of Ho Chi Minh City, Vietnam

Presenter: Pham Nguyen Ngoc Anh

(5C) BUSINESS AND FINANCE

Room: TBA

Chair: Nguyen Tran Phuc

Accessibility to credit of small medium enterprises in Vietnam

Author: Ha Thi Thieu Dao; Nguyen Thien Kim, Banking University of Ho Chi Minh city, HCMC; Nguyen Thi Mai, Foreign Trade University, Vietnam

Presenter: Ha Thi Thieu Dao

Link of Fiscal Decentralization to Poverty Reduction: Indonesian Context

Author: Sita Dewi Kusumaningrum, Universitas Islam Indonesia; Denny Purwo Sambodo, Indonesia.

Presenter: Sita Dewi Kusumaningrum

Managing trade-offs between financial performance and social impact in microfinance.

Author: Ngo Vi Trong, Banking University of Ho Chi Minh City, Vietnam *Presenter: Ngo Vi Trong*

Application of grameen bank model in supporting for poverty eradication in viet nam: achievements, limitations and solutions for future

Author: Akinori Seki, Tokyo Keizai University; Nguyen Thi Minh Xuan, Research Assistant of Asia Association Education and Exchange (Japan), Huynh Luu Duc Toan, Banking University of Ho Chi Minh City, Vietnam *Presenter:*

Huynh Luu Duc Toan

Micro-finance and sustainable poverty reduction in Vietnam

Author: Duong Nguyen Thanh; Tam Tran The Sao, HCMC Open University

Presenter: Tam Tran The Sao

CONFERENCE CLOSING CEREMONY: 16.30 – 17.30

DINNER: 18.00 – 20.00

Submitted papers without presentation

Impact of FDI on Poverty reduction in Viet Nam: A PANEL DATA ANALYSIS Nguyen Tran Phuc, Banking University of Ho Chi Minh City, Vietnam

Education - an important way for
Ly Thi Hue, National Academy of Administration (Hanoi), Vietnam

Cassava - a sustainable - poverty reduction crop in the northern mountainous region of Vietnam
Nguyen Viet Hung, Nguyen The Hung, Thai Thi Ngoc Tram , Nguyen Thi Minh Ngoc, Pham Thi Thanh Huyen, Nguyen Thi Phuong Chi, Thai Nguyen University of Agriculture and Forestry

Short-term Precaution, insurance and savings mechanisms in Rural Viet Nam Ha Văn Dung, University of Paderborn, Warburber Str

The Application of Participatory Prospective Analyses to Devise Women Empowerment Programs for Reducing Poverty: Case Study of South Bengkulu Regency, Bengkulu Province, Indonesia
Agustina Erni; Pribudiarta N. Sitepu; Indra Gunawan; Teguh Adiprasetyo; Rohidin Mersyah, Indonesia

**FACTORS AFFECTING BEEF CATTLE SHARING (*GADUHAN*) PROGRAM TO ALLEVIATE
POVERTY IN DISTRICT OF BENGKULU TENGAH – PROVINCE OF BENGKULU, INDONESIA.**

By

Dwatmadji and Tatik Suteky

Senior Researchers at CAPS Research Center,

*Faculty of Agriculture, University of Bengkulu, Jalan WR. Supratman, Bengkulu, 38125,
Indonesia*

Corresponding author: dwatmadji.2008@yahoo.com

ABSTRACT

The current situation indicated that the beef production in Indonesia is still very low, resulting in low per-capita beef consumption (only 1.8 kg/capita/year), high price of beef in market, and high number of imported beef both as frozen meat or as livestock from overseas. The need for significant improvement of beef productivity become the big issues because the need of beef is constantly increasing (560.000 ton in 2014), and in the same time the beef cattle population was decreased in 2013. There should be significant efforts to improve the production of beef cattle production throughout Indonesia. In the same time, out of 33 provinces in Indonesia, Bengkulu province was ranked number 7 in term of total population lives under poverty line in which 17.5% population was under the poverty line. *Gaduhan Sapi* program or Cattle Sharing Program has been one of the solutions to overcome the deficiency of cattle production and reduced the poverty line in targeted areas. Several factors have been indicated to play important roles in the success of Cattle Sharing Program in District of Bengkulu Tengah. These include: initial capital, quality and quantity of initial livestock, the availability and initial price of livestock, donor-recipient agreement, farmers' livestock background, farmers' knowledge and skill, gender, the availability and price of feeds, the livestock market or beef market, timing, and the incidence of diseases. In general it was found that Cattle Sharing Program was successfully elevated the farmers' income far away from the poverty line in Bengkulu Province.

Key words: Cattle Sharing Program, poverty alleviation, Bengkulu.

INTRODUCTION

Having 238 million people, Indonesia's population qualifies it as the fourth most populous country in the world. At present, the total workforce numbers 120 million, in which 44% of whom are employed in the agricultural sector (Priyanti *et al.*, 2012). Hence agricultural and rural development remains central to improving the livelihoods of large numbers of poor rural households, even though agriculture's share of GDP has fallen to around 15% (BPS, 2011).

The low production of beef cattle in Indonesia is because 98% is derived from smallholder cattle operations (with only 2-3 cattle per household) and 2% is reared commercially. Currently, Indonesia is only able to meet 72% of national beef consumption and the rest is still dependent on imported supplies, especially from Australia. If this situation is left unmanaged, the level of dependence in 2015 will be 50%. The low beef production has resulted in low per-capita beef consumption (only 1.8 kg/capita/year), high price of beef in market, and high number of imported beef both as frozen meat or as livestock from overseas, especially from Australia (ACIAR, 2010). The need of beef is constantly increasing (560.000 ton in 2014), and in the same time the beef cattle population was decreased in 2013. There should be significant efforts to improve the production of beef cattle production throughout Indonesia.

In Indonesia, *Gaduhan* program is very important arrangement for improving beef production as it: 1) offers new way of animal production scheme 2) involves low income cattle raisers plus their mutual donors, 3) adds income or profit to both raisers and donors. It is expected that in the future the small scale raiser would become productive smallholder cattle enterprises. Most of the cattle raisers under *Gaduhan* program in Bengkulu were under the poverty line, or at least under the minimum of UMR (*Upah Minimum Regional* or Regional Minimum Wage) standard of Rp.1.350.000,- per month.

At present, the total number of people living under poverty line in Bengkulu Province was 320.140 people or 17.75% of total population (BPS, 2014), which is higher than the corresponding value for Indonesia of 11.47%.

GADUHAN AGREEMENT.

The study conducted in this research involved 46 farmers (or cattle raisers) who joined with *Gaduhan* program in the district of Bengkulu Tengah, Bengkulu Province. All of the raisers have their own donor who provided raiser several bull/cow to be kept for certain months depending upon whether they were raised for fattening (bull) or for producing calf (cow). Before starting the *Gaduhan* program, both parties (raiser and donor) normally signed a formal *Gaduhan* agreement in which they both agree to start the business. Several important points normally were discussed between donor and raisers before the *Gaduhan* program started, these includes purchasing initial cattle to be raised, housing for cattle, raising the cattle, feeding, risk (thief, disease), purchase of medicine, manure sale, and the profit sharing. The most common content of formal *Gaduhan* agreement between donor and raiser are presented in Table 1.

Table 1. Content of the formal agreement of *Gaduhan* system in Bengkulu between the raiser and the donor.

NO	FACTORS	DETAILS
1	Purchasing initial cattle to be raised	Donor 100%
2	Housing for cattle	Raiser 100%
3	Raising the cattle	Raiser 100%
4	Feeding	Raiser 100%
5	Risk (thief, disease)	Donor 50%, Raiser 50%
6	Medicine	Donor 100%
7	Length of time for raising the cattle	4-8 months (depending on the initial weight or age)
7	Manure sale	Raiser 100%. It is often that the raiser will not sell the manure/compost as they prefer to use the compost for themselves.
8	Profit sharing	If the sale price of fattened bull or calf = A, and the price of initial cattle to be reared = B, then the Donor and the Raiser will get exactly the same proportion= $(A-B)/2$.

In Bengkulu Tengah, donor always provides initial investment (purchasing cattle) and medicine (if any) while the raiser contributes to all livestock keeping. All risk will normally be handled together, equally. The profit will be shared equally 50% for the donor and 50% for the raiser. The portion of profit sharing of *Gaduhan* program in Bengkulu Tengah were somewhat benefited the raisers as profit sharing for others areas in Indonesia were sometime 40% (raiser) and 60% (donor), or even 30%:70% (Amalo *et al.*, 2012).

GADUHAN PROGRAM.

Additional income

The result of *Gaduhan* program in Bengkulu Tengah can be seen in Table 2. It was shown that initial main average income (household/month) was Rp.1.625.000,- (equal to US\$ 141.3), but after joining the *Gaduhan* program the income was improved by on average Rp.415.100,-/month or improved by 26%. The 26% addition was actually still under the *Gaduhan* program in Java island as it can improve the income of raiser by approximately up to 63% (Winarso, 2009). The added income from *Gaduhan* program was mainly affected by: 1). Initial cost for providing the calf, 2). Total number of the cattle, 3). Length of time for cattle raising, and 4) animal price after *Gaduhan* period. In general, the higher number of cattle raised the higher income will be, as the cattle population is decreasing nowadays. The raiser actually did not have to provide anything for joining the *Gaduhan* program, except they are required for providing cattle pens.

In Indonesia *Gaduhan* program, which is also known as Cattle Loan, has been able to improve the farmers income up to 63%. Therefore it is not surprisingly that farmers indicated livestock as an important component of the poverty alleviation program.

Tabel 2. Primary data on farmers who collaborate with *Gaduhan* program in Bengkulu

NO	ITEM	DETAILS
1	Level of education	Elementary School: 71%, Junior High School : 25%, High School : 4%
2	Main job	Rice farmers : 91.1%, Others : 8.9%
3	Total number of cattle reared for <i>Gaduhan</i> program	1 to 12, Average: 4.4
4	Sex of cattle	Bull : 32%, Cow : 68%

5	Modalities of the raiser	Cattle pens : 87.5% Area for planting grasses: 41.7%
6	Problems faced by raiser	Finding donor: 42% Obtaining initial cattle: 37% Incidence of diseases: 14% Finding feeds: 7%
7	Main income/month (Rp*)	Average: Rp.1.625.000 (equal to US\$ 141.3); Ranging from Rp.1.000.000,- to Rp.2.500.000,-.
8	Additional income from <i>Gaduhan</i> program (Rp/month)	Average: Rp.415.100,- (equal to US\$ 36.1) Ranging from Rp.104.200,- to Rp.1.212.500,-

Rp: Indonesia rupiah currency. 1 US\$=Rp.11.500,-.

Problems of *Gaduhan* program

There were some problems in developing *Gaduhan* program in Bengkulu Tengah, as mentioned in Table 2; those are: a). Finding the proper donor (42%), b). Obtaining the right weight and age, together with the right price (37%), c). Incidences of disease, especially internal parasite (37%), and d). Finding feeds (7%).

The total number of cattle raised in Bengkulu Tengah per household (1-12 beast, with average of 4.4 beast; see Table 2) was actually still under the ideal *Gaduhan* program, as the maximum capacity of every household to keep cattle under *Gaduhan* program was 25,8 beast/year; especially in situation where feed was not problem (Winarso, 2009). The incidence of disease, especially internal parasite of *Haemonchus contortus*, could create 66.7% mortality rate of ruminants in Bengkulu Tengah (Suteky and Dwatmadji, 2011). Therefore, extra precautions should be done to prevent the incidence.

Other minor problems faced by raiser and donor for developing *Gaduhan* program include donor-recipient agreement, farmers' livestock background, farmers' knowledge and skill, gender, and lastly the livestock market or beef market/ timing.

CONCLUSION

As the total number of people living under poverty line in Bengkulu Province is still high, even it is higher than that of the national level; the provincial government has to put top priority to reduce the poverty number. As a client, farmers who join with the *Gaduhan* program have been able to alleviate their average monthly income of Rp.415.100,- (26%).

The monthly income was mostly influenced by total number of cattle reared, the length of time for keeping the cattle, and cattle price at the end of *Gaduhan* program.

The success of *Gaduhan* program has been influenced mostly by the availability of donor (42%), and followed by difficulty in obtaining initial cattle (37%), incidence of diseases (14%), and looking for feeds (7%).

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