RENPER 5 CONFERENCE

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

HOSTED BY
BANKING UNIVERSITY OF HOCHIMINH CITY
www.buh.edu.vn
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: Vương Ngọc Bích, Banking University of Ho Chi Minh City, Vietnam  
Presenter: Vương 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 (Ptsr)  
Author: Dalilah Yusoff; Mohd Zaini Omar; Fatimah Hassan, Penang Development Corporation, Malaysia  
Presenter: Dalilah Yusoff

Financial performance and outreach of microfinance  
Author: Phạm Ngọc Trường Loan, Banking University of Ho Chi Minh city; Nguyễn Tấn Huy-University of Reading, UK  
Presenter: Phạm Ngọc Trường 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 Sudjatmiko, 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 – TUAF, 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

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 Sudjatmiko; Zainal Muktamar; 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 Muktamar; Djonet Santoso, University of Bengkulu, Bengkulu Indonesia
Presenter: Zainal Muktamar

Establishment Sweet Corn Based Multiple Cropping: In Closed Agricultural Production Systems at Air Duku Village, Rejang Lebong Highland: Challenges and Opportunities
Author: Fahrrurrozi; Nanik Setyowati; Sigit Sudjatmiko; M. ChozinFahrrurrozi, University of Bengkulu, Indonesia
Presenter: Fahrrurrozi

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 Sudjatmiko; Zainal Muktamar; Nanik Setyowati; Fahrrurrozi, University of Bengkulu, Indonesia
Presenter: Sigit Sudjatmiko

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
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 against 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
(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. Changgrok @ 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: achivements, 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 Van 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.

<table>
<thead>
<tr>
<th>NO</th>
<th>FACTORS</th>
<th>DETAILS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Purchasing initial cattle to be raised</td>
<td>Donor 100%</td>
</tr>
<tr>
<td>2</td>
<td>Housing for cattle</td>
<td>Raiser 100%</td>
</tr>
<tr>
<td>3</td>
<td>Raising the cattle</td>
<td>Raiser 100%</td>
</tr>
<tr>
<td>4</td>
<td>Feeding</td>
<td>Raiser 100%</td>
</tr>
<tr>
<td>5</td>
<td>Risk (thief, disease)</td>
<td>Donor 50%, Raiser 50%</td>
</tr>
<tr>
<td>6</td>
<td>Medicine</td>
<td>Donor 100%</td>
</tr>
<tr>
<td>7</td>
<td>Length of time for raising the cattle</td>
<td>4-8 months (depending on the initial weight or age)</td>
</tr>
<tr>
<td>7</td>
<td>Manure sale</td>
<td>Raiser 100%. It is often that the raiser will not sell the manure/compost as they prefer to use the compost for themselves.</td>
</tr>
<tr>
<td>8</td>
<td>Profit sharing</td>
<td>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.</td>
</tr>
</tbody>
</table>
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

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

REFERENCES


