

SESSION A

Parallel session A1: **Estimation of cultivar-specific adoption of improved rice varieties in south Asia: some innovative approaches (part 1)**

Organized by: **Sushil Pandey/IRRI**
Moderator: **Sushil Pandey**

Meeting room 1

14:00 – 14:15 *Tracking the adoption of improved rice varieties: Approaches and key results*
Sushil Pandey

14:15 – 14:30 *Changes in rice varieties in the mountainous regions of South Asia: The case of Bhutan*
M. Chetri

14:30 – 14:45 *Cultivar-specific adoption of improved rice varieties in Orissa and West Bengal: Implications for research and technology targeting*
DD. Behura and B.Bagchi

Parallel session A2: **Frontiers in Asian Agricultural Development: Frontiers, Policy, and the Resource Curse**

Organized by: **M.Ravago/University of Hawaii**
Moderator: **Arsenio M. Balisacan**

Meeting room 2

14:00 – 14:15 *The Curse of Abundance: A Philippine Illustration*
Majah-Leah Ravago

14:15 – 14:30 *Rice price volatility, trade and market information*
Ramon Clarete

14:30 – 14:45 *Political Economy of Trade Policy Reform*
Suthad Setboonsarng

Parallel session A3: Land use rights and land valuation

Moderator: Jikun Huang

Meeting room 3

14:00 – 14:15 *Effects of land tenure on pastoral management: a comparative analysis in Mongolia and in Inner Mongolia, China*
Shunji Oniki*, Dagys Kadirbyek, Gensuo, and Du Fulin

14:15 – 14:30 *Scale, Technical Efficiency and Land Lease in China*
Xiaobing Wang and Xiaohua Yu*

14:30 – 14:45 *Applicability of the International Valuation Standards in Estimating the Market Value of Agricultural Lands in Leyte, Philippines*
Salome B. Bulayog* and Marlon Tambis

Parallel session A4: Facilitating Agricultural Development and Food Security

Moderator: Romeo G. Teruel

Meeting hall

14:00 – 14:15 *Malaysia's Economic Structural Transformation: Whither The Agricultural Sector*
Jamalludin Sulaiman* and Saidatulakmal Mohd

14:15 – 14:30 *Regional Cooperation for Food Security in East Asia :From Rice Reserve APTERR and Information System AFSIS to Common Agricultural Policy*
Takashi Toyoda*and Opal Suwunnamek

Parallel Sessions

Parallel Sessions

- 14:30 – 14:45 *From Rice Bowl to Rural Development: The Challenges and Opportunities Facing Vietnam's Mekong Delta Region*
Steven Jaffee* et al.
- 14:45 – 15:00 *The Environmental Effects of Energy-Subsidy Reforms in Iranian Agricultural Sector*
Mohammad Khaleidi*, Afshin Amjadi and Mahdi Kazemnejad
- 15:00 – 15:15 *Strategic assessment of international rice research priorities for Asia*
David Raitzer*, Achim Dobermann, Andy Nelson, Samarendu Mohanty, Serge Savary, Abdelbagi Ismail, Bas Bouman, David Mackill, Parminder Virk and Hei Leung and Melissa Fitzgerald

Parallel session A5: Responding to changes in global markets

Moderator: David Vanzetti

Meeting room 4

- 14:00 – 14:15 *Impact of Globalization on Indian Agriculture and farmers Suicides Issues and Challenges*
B. Suresh Lal
- 14:15 – 14:30 *Impact of Liberalized Border Trade on Household Welfare and Food Security: The Case of Laos-China Border Area*
Takeshi Sakurai * and Hsiaoping Chien
- 14:30 – 14:45 *The Vietnamese approach to agriculture in the ASEAN-China FTA*
David Vanzetti* and Que N. Nguyen
- 14:45 – 15:00 *Effect of Exchange Rate Misalignment on Cereal Producers Support Estimate in Iran*
Seyed Safdar Hosseini* and Samaneh Eravani

Parallel session A6: Rural household economy and rural labor issues

Moderator: Phillipne Lebailly

Meeting room 5

Parallel Sessions

- 14:00 – 14:15 *The Economy of Rural Households in Cambodia- Inflow and Outflow sources*
Pum Sophy*, Nhorn Sophany and Chun Phirun
- 14:15 – 14:30 *The evolution of growth, inequality and poverty in China: spatial and temporal aspects*
Nong Zhu* and Xubei Luo
- 14:30 – 14:45 *Modeling Labor Use of Farm Households in the Red River Delta, Vietnam*
Hung V Pham* and Nga D. T Nguyen
- 14:45 – 15:00 *Incentives and Social Connection in the Agrarian Labor Contract: Evidence from Field Experiments in Central Luzon, Philippines*
Jun Goto*, Takeshi Aida, Keitaro Aoyagi, and Yasuyuki Sawada
- 15:00 – 15:15 *Flexible labour market and mobility patterns of rural migrant workers in peri-urban region: Case study of Bekasi, Indonesia*
Ratih Dewayanti

Parallel Sessions

SESSION B

Parallel session B1: **Estimation of cultivar-specific adoption of improved rice varieties in south Asia: some innovative approaches (part 2)**

Organized by: **Sushil Pandey/IRRI**
Moderator: **Sushil Pandey**

Meeting room 1

16:30 – 16:45 *Recent patterns of adoption of improved rice varieties in three agro-ecological zones of Nepal: implications for rapidly updating adoption patterns*

H. Pant and S. Gautam

16:45 – 17:00 *The current patterns of adoption of improved rice varieties in Sri Lanka*

Ranjika Walisinghe

17:00 – 17:15 *Varietal turn over and rice productivity in intensive rice growing areas of Bangladesh*

R. Islam

Parallel session B2: **Impact of Climate Change on Agriculture**

Moderator: **Nghia D Tran**

Meeting room 2

16:30 – 16:45 *Effect of climate variables on yield of Rice in Nepal: A panel data analysis with regional disaggregation*

Niraj Prakash Joshi*, Keshav Lall Maharjan and Luni Piya

16:45 – 17:00 *Economic, Ecological and Institutional Impacts of Super Typhoon Reming on a Mangrove Rehabilitation Community in Malinao, Albay, Philippines*

Raul G. Bradecina *, Plutomeo M. Nieves , Teruyuki Shinbo and Yoshinori Morooka

- 17:00 – 17:15 *Analysis of Economic Impacts of Agricultural practices on reducing damages on rain fed fig orchards caused by drought in Estahban region, south of Iran*
Ebrahim Zare* and Hamid Zare
- 17:15 - 17:30 *Assessment of Economical Effects of Climate Change on Agricultural Production (Case Study: Shiraz City)*
Neda Asad Falsafi Zadeh* , Mahmoud Sabouhi Sabouni and Mahdiyeh Mosanan Mozafari
- 17:30 - 17:45 *The Climate Anomaly and Its Effect on Cropping System and Paddy Productivity in Bangka Belitung, Indonesia*
Siti Fatimah Batubara* , Irma Audiah Fachrista, Mamik Sarwendah and Issukindarsyah

Parallel session B3: Models/techniques to aid in production planning

Moderator: Que N. Nguyen

Meeting room 3

- 16:30 – 16:45 *A Study of Japanese Rice Production Using Satellite Data with Community Participation in GIS -From the Development of Semi Real Time Automatic Analysis System*
Masahiro Suzuki* , Koji Wakamori and Dorj Itikawa
- 16:45 – 17:00 *Industrial clusters of internationally traded fishery products: an analysis of the spatial characteristics and temporal changes*
Taro Oishi* and Minoru Tada
- 17:00 – 17:15 *Use of Fuzzy Multi-Objective Fractional Programming Model to Determine the Optimum Cropping Pattern toward Sustainable Agriculture: A Case Study Sanandaj*
Hemen Nader, Hamed Ghaderzadeh* and Omid Zamani
- 17:15 – 17:30 *Estimation of greenhouse unit's efficiency for planning sustainable culture pattern (The case study: Zabol city, Iran)*
Mahdi Babaei* , Fatemeh Rastegaripour, Mahmoud Sabouhi and Abolfazl Tavassoli

Parallel Sessions

Parallel Sessions

17:30 – 17:45 *Farm profitability and environmental benefits of adoption of Integrated Pest Management in vegetables cultivation*
K.N.Selvaraj, A.Janaki Rani and N.Kiruthika

Parallel session B4: Prospects of Biofuel Development in Asian

Organized by: U Prime Rodriguez/SEARCA, IFAD

Moderator: Mercedita A Sombilla

Meeting room 4

16:30 – 16:45 *Biofuels and Philippine Agriculture*
Prime Rodriguez*, Anna Abrina and Mercedita A. Sombilla

16:45 – 17:00 *Bioethanol development in China and the potential impacts on its agricultural economy and poverty*
Jikun Huang

17:00 – 17:15 *Biofuels in the US, Brazil, and the EU and Agriculture in Southeast Asia and China*
Jikun Huang

17:15 – 17:30 *The Impact of Biofuels on the Indonesian Economy and Regional Performance*
Rina Oktaviani*, Bustanul Arifin, Hermanto Siregar and Iman Sugema

Parallel session B5: Coping with Climate Change Impact

Moderator: Mohammad Hossein Karim

Meeting room 5

16:30 – 16:45 *Agriculture Insurance as a Risk Management Strategy in Climate Change Scenario: A study in Islamic Republic of Iran*
Kiyanoush Ghalavand*, Mohammad Hossein Karim and Abolhasan Hashemi

Parallel Sessions

- 16:45 – 17:00 *Adaptation Strategies and Coping Mechanism Against Climate Change in Coastal Bangladesh*
M. Shahe Alam*, **M.A.Islam**, **T. Paris**
and Amie Cueno
- 17:00 – 17:15 *Water Reforms vs. Climate Change in Developing Countries*
Mohammad Hossein Karim*, **M**
Esmaeili and Abolhasan Hashemi
- 17:15 – 17:30 *Disaster Response and Safety Net Programmes in Bangladesh*
Md Ruhul Amin Talukder* and **Syed**
Amdadul Huq

Parallel session B6: Total Factor Productivity Measurement

Moderator: Romeo G Teruel

Meeting room 6

- 16:30 – 16:45 *Measuring and Explaining Total Factor Productivity (TFP) Growth and Patterns in Philippine Agriculture: A Regional Panel Data Framework*
Romeo G. Teruel* and **Jesus C. Dumagan**
- 16:45-17:00 *Measuring Technical Efficiency in Potatoes Production (Case Study: Ardabil Province)*
B. Abdolahi*, **R. Mohammadrezaei** and **Sh. Khorrami**
- 17:00-17:15 *Decomposition and Characterization of the Sources of Productivity Growth in Philippine Aquaculture*
Yolanda T. Garcia and **Zenaida M. Sumalde***
- 17:15-17:30 *An Analysis of Productivity and Efficiency of Wheat Growers in Faisalabad*
Muhammad Ali*, **M. Tariq Javed** and **Muhammad Iqbal**
- 17:30-17:45 *Impact of Agricultural Extension on Productivity: Econometric Analysis Using Household Data in India*
Md. Faruq Hasan* and **Tsunehiro Otsuki**

SESSION C

**Parallel session C1: Securing Food Security
Improvements**

Moderator: Ryohei Kada

Meeting hall

- 09:30 -09:45 *Implications of lifting the rice subsidy on consumption and food security in India*
**Imelda R. Molina*, Harold Glenn Valera
and Samarendu Mohanty**
- 09:45 -10:00 *Determinants of household food security in Indonesia: An ordinal logistic model*
Jamhari
- 10:00 -10:15 *Moving the Goal Posts: Vietnam's Evolving Rice Balance and Other Food Security Considerations*
Steven Jaffee, Nguyen Anh Phong*, et al.
- 10:15-10:30 *Development of a Consistent Food Security Index*
Seung-Ryong Yang* and Won Yong Kim
- 10:30-10:45 *Effects of Global Economic Slowdown on Rice Food Security in Asia*
**Harold Glenn Valera*, Axel Tonini,
Imelda Molina, Mary Joanne Fider and
Samarendu Mohanty**

**Parallel session C2: Supply Response, Agricultural
Growth and Rural Poverty: An
analysis of district level panel
data (part 1)**

Organized by: C. Bantilan/ICRISAT
Moderator: Cynthia Bantilan

Meeting room 1

- 09:30 -09:45 *Dynamics of Rural Poverty in India: The Role of Agricultural Growth*
**Anjani Kumar*, Alakh N Sharma, Rajni
Jain and Praduman Kumar**

09:45 -10:00 *Dynamics of Poverty and Food Insecurity in Orissa: Macro Analysis and Case Studies*
Mukesh Kr. Sinha*, **P.Nanda** and **Ashwani Kumar**

10:00 -10:15 *Farm Size, Input Use and Productivity in India: Understanding Strength and Improving Livelihood of Smallholders*
Ramesh Chand* and **P.A. Lakshmi Prasanna**

Parallel session C3: Assessing the impact of livestock research for Parallel development

Organized by: L.Lapar/ILRI
Moderator: Lucy Lapar

Meeting room 2

09:30 -09:45 *Assessing the impact of feed technology adoption by smallholders in sweet potato-pig systems in Sichuan, China*
Ma. Lucila A. Lapar*, **Toan N. Nguyen**, **Chengyi Zou**, **Jinyuan Liu**, **Xianglin Li**, and **Thomas Randolph**

09:45 -10:00 *Challenges in assessing impact research for Development Initiatives that use Innovation Systems Perspectives: Lesson from a Fodder Innovation Project in India*
Puskur Ranjitha

10:00 -10:15 *India case study on dual purpose ground nut*
Nils Teufel

Parallel session C4: Risks to food production and food safety

Moderator: Marites Tiongco

Meeting room 3

09:30 -09:45 *An Impact of Johne's Disease on a Large-Scale Dairy Farm: A Case Study Using Cash Flow Analysis*
Yasushi Sembokuya* and **Satoko Kubota**

Parallel Sessions

Parallel Sessions

09:45 -10:00 *Evaluation of Animal Hygiene Management from Person's Inference System Aspect*
Satoko Kubota

10:00 -10:15 *Understanding knowledge, attitude, perceptions, and practices for Highly Pathogenic Avian Influenza risks and management options among Indonesian small-scale poultry producers*
Marites Tiongco, Clare Narrod, Mimako Kobayashi, Rosemarie Scott and Nunung Nuryartono*

Parallel session C5: Korea-Asia Cooperation for Agricultural & Rural Parallel Development

Organized by: Yong-Taek Kim/KAEA

Moderator: Yong-Taek Kim

Meeting room 4

09:30 -09:45 *Korea-Asia Agricultural Development Cooperation*
Ki-Hwan Chung

09:45 -10:00 *The Case of Korea-Vietnam Agricultural Development Cooperation*
Kyung-Ryang Kim

10:00 -10:15 *Korea-Vietnam Agricultural Technology Cooperation Program*
Weon-Dae Cho

Parallel session C6: Smallholders' motivation to improve rural livelihood

Moderator: Mohammad Hossein Karim

Meeting room 5

09:30 - 09:45 *Are smallholders willing to pay for animal disease control? Empirical evidence from a study of mass vaccination for Avian Influenza in Indonesia*
Ma. Lucila A. Lapar* et al.

09:45 - 10:00 *Land use analysis of the mountainous border region due to expansion of border trade - A case study in Yunnan-Laos border region*
H.Chien*, Y.Kang, Y.Xuan and K.Sakurai

Parallel Sessions

- 10:00 - 10:15 *Effects of Yaghoti Grape Cultivation on Economic of Rural Families in Sistan and Baluchistan Province*
M.M. Ghasemi*, M.H. Karim, M.R. Naroi Rad, S.H. Kohkan and M. Esmaeili
- 10:15 - 10:30 *Analysis of "One-Town One-Product" Model as a Tool for Poverty Alleviation in Sultan Kudarat, Philippines*
A. Ellson*, G.D. Romo, A. Traje, J.M. Sarmiento, F.I. Jara.
- 10:30 – 10:45 *Small Holder Farm's Motivation to Adopt New Technology based on Economic Viability: A Case in Ban Hom Area, Lao PDR*
Phalakhone Khame*, Fumio Osanami and Takumi Kondo

Parallel Sessions

SESSION D

Parallel session D1: Understanding the Fruit and Vegetable Market: A case in Mindanao, Philippines

Organized by: M.Sombilla/SEARCA, ACIAR
Moderator: Kirrily Pollack/Ramon Clarete

Meeting room 1

- 13:00 – 13:15 *Value Chain Issues and Opportunities in Selected Horticulture Crops in Southern Mindanao, Philippines*
Roxanne T. Aguinaldo*, Larry N. Digal, Glory Dee A. Romo, Nikko L. Laorden, Jon Marx P. Sarmiento and Carol Q. Balgos
- 13:15 – 13:30 *Net Margins Analysis of Selected Fruits and Vegetables in Southern Mindanao, Philippines*
Nikko L. Laorden*, Larry N. Digal, Roxanne T. Aguinaldo, Glory Dee A. Romo, Jon Marx P. Sarmiento, Carol Q. Balgos
- 13:30 – 13:45 *Are fruits and vegetables market efficient? Vertical price integration of selected crops in southern Philippines*
Jon Marx P. Sarmiento*, Glory Dee A. Romo, Roxanne T. Aguinaldo, Nikko L. Laorden, Leanne Orr, Anthea McClintock, Kirrily Pollock and Larry N. Digal
- 13:45 – 14:00 *Issues of Inter-regional Transport of Selected Fruits and Vegetables*
Gilbert Llanto, Francis Quimba, Mercedita A. Sombilla*

Parallel session D2: **Supply Response, Agricultural Growth and Rural Poverty: An analysis of district level panel data (part 2)**

Organized by: **C.Bantilan/ICRISA**
Moderator: **C.Bantilan**

Meeting room 2

13:00 – 13:15 *Hybrid Rice in Bangladesh: Current Status and Prospects*

Humnath Bhandari*, **Samarendu Mohanty**, **Uttam Deb** and **Taznoore Samina Khanam**

13:15 – 13:30 *Supply Response and Investments in Agriculture in Andhra Pradesh*

Hans P. Binswanger, **Lalmani Pandey***, **P. ParthasarathyRao**, and **MCS Bantilan**

13:30 – 13:45 *Price and Non Price Determinants of Rice Supply Response in South India*

Lalmani Pandey, **P. ParthasarathyRao***, and **Uttam Deb**

Parallel session D3: **Value chain analysis and market strengthening**

Moderator: **Khiem T. Nguyen**

Meeting room 3

13:00 – 13:15 *Quality and collective action in supporting and consolidating the development of Hung Yen longan value chain (Innovation experience of technology push and market demand pull)*

Binh T. Vu and **Huan D. Dao***

13:15 – 13:30 *An Analysis of the Value Chain of Fresh Milk in the North of Vietnam-A Case Study in Sonla*

Cuong H. Tran *, **Nga T. Bui** and **Philippe Lebailly**

13:30 – 13:45 *The roles of global coffee initiatives for the efficiency of coffee value chain in Indonesia*

Bustanul Arifin* and **Harly Istika Ogtasari**

Parallel Sessions

Parallel Sessions

- 13:45 – 14:00 Developing a customer-driven value chain for indigenous vegetables produced by women farmer group in Lao Cai province
Tho T.H Pham*, **Anh T. Dao**, **Suzie Newman**
- 14:00 – 14:15 Effective factors on Iran agricultural export
Alireza Karbasi*, **Sara Entezari** and **Hemen Nader**

Parallel session D4: **Food safety policy in developing country context: Examples from case studies in livestock value chains**

Organized by: **Lucy Lapar/IRLI**
Moderator: **Lucy Lapar**

Meeting room 4

- 13:15 – 13:30 *Risk assessment of pork value chain in peri-urban Hanoi, Vietnam*
Ma. Lucila A. Lapar
- 13:30 – 13:45 *Comparative risk assessment of pork value chain in Nagaland, North East India*
Rameswar Deka*, **Delia Grace**, **Anna Fahrion**, **V. Padmakumar** and **Ma. Lucila. Lapar**
- 13:45 – 14:00 *Effects of GAP, HACCP and FTS on consumer's perception of food safety: Evidences from Surveys in Japan and China*
Teruaki Nanaseki*, **Hideo Aizaki**, and **Hui Zhou**, **Tinggui Chen** and **Min Song**

Parallel session D5: **Market Integration and Parallel Distribution and Price Parallel Transmission**

Moderator: **Anita Cular**

Meeting room 5

- 13:00 – 13:15 *Spatial Integration and Price Transmission of Chicken Markets in Central Java, Indonesia.*
Panji Deoranto and **Jose M. Yorobe Jr.**

Parallel Sessions

- 13:15 – 13:30 *Assessment of Beef Market Price Transmission in Tehran province*
Babak Abdolahi*, **Tohid Behjati** and **Seyyed Abolgasem Mortazavi**
- 13:30 – 13:45 *Wholesale Meat Market and Distribution Changes in Mongolia, Ulaanbaatar*
Baljinnyam Maytsetseg
- 13:45 – 14:00 *Market Integration of Poultry Products in Northwest of Iran*
Babak Abdolahi* and **Jafar Haghghat**

Parallel session D6: Factors affecting demand behavior

Moderator: U Prime Rodriguez

Meeting hall

- 13:00 – 13:15 *Vulnerability of Household Consumption to Village-level: Aggregate Shocks in a Developing Country*
Takashi Kurosaki
- 13:15 – 13:30 *Modernization of Animal Products Consumption in Hanoi, Vietnam*
Ton D. Vu*, **Thang D. Phan**, **Tuan S. Nguyen** and **Philippe Lebailly**
- 13:30 – 13:45 *Increasing Per Capita Rice Consumption in the Philippines: Facts and Realities*
Sergio R. Francisco*, **Alice B. Mataia**, **Ana M. Eusebio**, **Eduardo B. Sanguyo**, **Marina B. Vargas**, and **Erlinda D.Causon**
- 13:45 – 14:00 *Demand Elasticities of Rice in the Philippines: An Application of LA-AIDS*
Karen P. Quilloy*, **Mercedita A. Sombilla** and **Flordeliza A. Lantican**

Parallel Sessions

Parallel session D7: **Socioeconomic Analysis of Pesticide Uses in Peri-urban Vegetables Farming in Asia**

Organized by: **Maddhu Bhattaria**
Moderator: **Maddhu Bhattaria**

Meeting room 6

13:00 – 13:15 *Farmers' perceptions, behavior, and level of pesticide use on yard-long bean in peri-urban areas of Bangkok, Thailand*

Madhusudan Bhattarai*, **Ric Patricio**,
Sopana Yule, **Mei-huey Wu** and
Srinivasan Ramasamy

13:15 – 13:30 *The occurrence of occupational pesticide hazards in intensive vegetable production in India*

Simone Kathrin Kriesemer, **Katinka M. Weinberger**, **Ramasamy Srinivasan***

13:30 – 13:45 *Mismatch of farmers' practices and consumers' attitudes: The use of chemical pesticides in vegetable production in Sri Lanka*

Parakrama Weligamage

SESSION E

Parallel Sessions

Parallel session E1: Rural Industrialization in Vietnam

Moderator: Thomas Elhaut

Meeting room 1

- 16:00 -16:15 *The peasant responses to agricultural land conversion and the mechanism of rural social differentiation in Hung Yen province, Northern Vietnam*
Philippe Lebailly*, Dien T. Nguyen and Ton D. Vu
- 16:15-16:30 *Political connections and investment in rural Vietnam*
Thomas Markussen* and Finn Tarp
- 16:30-16:45 *Rural Industrialization and Development of Craft Villages in Vietnam*
Shozo Sakata
- 16:45-17:00 *Industrialization and Changes of Farmer Households Livelihood in Dong Nai Province*
Viet C. Ho

Parallel session E2: Developing agribusiness opportunities

Moderator: Arsenio Balisacan

Meeting room 2

- 16:00 -16:15 *The Development of Private Farms in Vietnam*
Emi Kojin
- 16:15-16:30 *Informality-oriented innovation network in Vietnam's Agribusiness sector: An analysis from innovation system perspective*
Minh T. Thai* and Carsten Nico Hjortsø
- 16:30-16:45 *Is there a business case for small-holders in Vietnamese Pangasius*
Khiem T. Nguyen* and Simon Bush
- 16:45-17:00 *Quality based labeling and marketing as a multi-scale learning process: Insights from the nuoc mam Phu Quoc specialty fish sauce (Vietnam)*
Huan D. Dao, Denis Sautier* and Dat S. Ngo

Parallel Sessions

17:00-17:15 Safe Vegetable Marketing and Agricultural Cooperatives in Hanoi
Takanashi Fumie*

Parallel session E3: Assessing impacts and responding to risks

Moderator: Chung K. Do

Meeting room 3

16:00 -16:15 *Self-Production, Friction, and Risk Sharing against Disasters: Evidence from Vietnam*
Yasuyuki Sawada

16:15-16:30 *Impact assessment of hydropower dam on erosion risk within a hilly agricultural area: example of the Ban Chat dam in Son La Province*

Thiet V. Nguyen*, D. Orange, Toan D. Tran, F. Hoffmann and S. Pomei

16:30-16:45 *Impacts of Community Education on Pesticide Risk Reduction in Vietnam*

Chung K. Do* and Dung T. Kim

16:45-17:00 *Vietnam Coffee Supply Chain Risk Assessment*

Vikas Choudhary, Jan van Hilten and Roy Parizat, Nguyen Anh Phong and Nguyen Ngoc Que*

Parallel session E4: Land Policy in Agricultural Development

Organized by: CAP/IPSARD

Moderator: Tuan A. D Nguyen

Meeting room 4

16:00 -16:15 *Land accumulation and consolidation in Vietnam*
Tuan A. D Nguyen

16:15-16:30 *Land recovery and livelihood of displaced farmers in Vietnam*

Joop de Wits

16:30-16:45 *Land issues in State-owned farm reform in Vietnam*

Brian van Arkadie

Parallel session E5: Strategies towards poverty reduction and rural livelihood improvement

Moderator: Jamalludin Sulaiman

Meeting room 5

16:00 -16:15 *Why do poverty reduction strategies not bring real effects in Northern Mountain, Vietnam? Case of the commune of Xuan Phong and Tu Ly, Hoa Binh province*

Phuong L. Mai*, **Phillippe Lebailly** and **Dung M. Nguyen**

16:15-16:30 *A prospective scenario for the Red River Delta at 2050 horizon*

Minh T. N. Luu*, **J. Garnier**, **G. Billen**, **Quynh T. P. Le**, **Anh L. Le** and **D. Orange**

16:30-16:45 *Evolution of livelihood strategy and income of the households in the Coastal area of the Central region, Vietnam – the case of Thua Thien Hue Province during period 2003-2008*

Hao D. Nguyen

16:45-17:00 *How has the farming households' livelihood strategy and structure of occupation been changing in the Red River Delta, Vietnam? A case study in Thai Binh province*

Tsuji Kazunari* and **Cuong H. Tran**

17:00-17:15 *Why Poverty persists? Poverty dynamics in Asia and Africa*

Bob Baulch

Parallel session E6: Promoting livestock, poultry and other high value crops

Moderator: Thang C. Tran

Meeting room 6

16:00 -16:15 *Financial analysis of poultry commodity chains in the context of highly pathology of avian influenza (HPAI) in North of Vietnam*

Thang D. Phan*, **Dinh Ton Vu**, **Thomas Dogot** and **Phillippe Lebailly**

16:15-16:30 *Commercial Pig Farms in the Context of Economic Integration: Case in the Red River Delta, Vietnam*

Nga T. D. Nguyen * and **Hung V. Pham**

Parallel Sessions

- 16:30-16:45 *Improving the farmers' perception on quality management systems The case of Pangasius farming in the Mekong Delta, Vietnam*
Khoi D. L. Nguyen
- 16:45-17:00 *Future of beef cattle feeding systems in the northern uplands of Vietnam*
Tra T. H. Hoang*, Philippe Lebailly and Cuong C. Vu
- 17:00-17:15 *On the economics of small-scale household pig production in Vietnam: survey results, analysis, and assessment*
Que N. Nguyen*, Ma. Lucila Lapar, Clement Tisdell, Toan N. Nguyen, Nga Q. Nguyen, Ninh T. T. Nguyen, Mohammad Jabbar and Steve Staal

Parallel session E7: Factors to push for Parallel agricultural improvement

Moderator: Guillaume Duteurtre

Meeting hall

- 16:00 -16:15 *The role of institutions in accessing and managing rural micro-credit: A case-study in Northern Vietnam*
Guillaume Duteurtre*, Thomas Jan and Perrine Le Roy
- 16:15-16:30 *Adoption and Promotion of Organic Tea Production in the Thai Nguyen Province, Vietnam: Economic Consequences and Sustainability Issues*
Nghia D. Tran* and John Yanagida
- 16:30-16:45 *Moc chau plum value chain development for the poor in the North-West highlands of Vietnam*
Anh T. Dao*, R. Collins, Hanh T. T. Pham, Anh Q. Le and D. Sautier
- 16:45-17:00 *Structural Transformation, Biased Technological Change, and Labor Demand in Vietnam*
Philip Abbott, Ce Wu* and Finn Tarp
- 17:00-17:15 *Consumer valuation of pork attributes and quality in Vietnam*
Marites Tiongco* and William Collier

15 October 2011

Parallel Sessions

SESSION F

Parallel session F1: Rural Transformation/ Agrarian Transition

Moderator: Choe Yangboo

Meeting hall

09:30 -09:45 *Alternative Trajectories of Agrarian Transition: A Case Study in a Traditional Craft Village, Northern Vietnam*

Le P. Nguyen* and Dung M. Nguyen

09:45-10:00 *Understanding of Lethargic Development on Small Holder Farming Sector in Sri Lanka: An Analysis from New Institutional Economics*

T.A.Dharmratne

10:00-10:15 *The Meltdown of the Agricultural Legacy and the Disintegration of the Rural Social Fabric in Malaysia*

Azlinda Azman* and Jamalludin Sulaiman

10:15-10:30 *Rural industrialization et urbanization in craft villages in the Red river delta: Case studies on clusters in Bac Ninh*

Hoan X. Nguyen* and Mai N. Nguyen

10:30-10:45 *The Role of Entrepreneurial Climate in Rural Tourism Development: A Case Study in Iran*

Mohammad Hossein Karim*, Kiyanoush Ghalavand and Abul Hassan Hashemi

Parallel session F2: Technical and Cost Efficiency of Resource Conserving Technologies in Rice Wheat Systems in India

Moderator: Valerie Pede

Meeting room 1

09:30 -09:45 *Cost and Return Analysis of Resource Conserving Technologies in Rice Wheat Systems: Case of Bihar and Eastern Uttar Pradesh in India*

Dzung T. Khong, Zenaida M. Sumalde, Valerien O. Pede, Justin D. McKinley*, Yolanda T. Garcia and Amelia L. Bello

Parallel Sessions

09:45-10:00 *Technical Efficiency of Resource Conserving Technologies in Rice Wheat Systems: Case of Bihar and Eastern Uttar Pradesh in India*
Dzung T. Khong*, **Zenaida M. Sumalde**,
Valerien O. Pede, **Yolanda T. Garcia**,
Amelia L. Bello, **Justin D. McKinley**

10:00-10:15 *Cost Efficiency of Resource Conserving Technologies in Rice Wheat Systems: Case of Bihar and Eastern Uttar Pradesh in India*
Dzung T. Khong, **Zenaida M. Sumalde***,
Valerien O. Pede, **Yolanda T. Garcia**,
Amelia L. Bello, **Justin D. McKinley**

Parallel session F3: Pros and cons on biofuels and biotechnology

Moderator: Bustanul Ariffin

Meeting room 2

09:30 -09:45 *Pros and Cons of Bio-ethanol Trade under Policy Coordination in East Asia: Application of Inter-regional Input-Output Analysis*
Yoji Kunimitsu *, **Kei Takahashi** ,
Takaaki Furubayashi and **Toshihiko Nakata**

09:45-10:00 *Farmers' Acceptance and Attitudes of GM-Papaya in Thailand*
Orachos Napasintuwong

10:00-10:15 *Economic and Environment Effects of Rice-Straw Bio-Ethanol Production in Vietnam*
Yoji Kunimitsu and **Tatsuki Ueda**

10:15-10:30 *An Exploration of Hybrid Maize Diffusion in Thailand*
Sutthiporn Poolsawas * and **Orachos Napasintuwong Artachinda**

Parallel session F4: Promoting value adding activities

Moderator: Maddhu Bhattaria

Meeting room 3

09:30 -09:45 *Organic Farming in Iran and Asia*
Gholamreza Chabokrow

- 09:45-10:00 *Production and processing of arrowroot in Hung Yen province toward sustainable development*
Long V. T Le*, Ton D. Vu, and Philippe Lebailly
- 10:00-10:15 *Assessing the Performance of Potato Supply Chain in Fars Province in Iran*
Mohammad Khaledi*, Gholamreza Yavari and Mohammad Zare

Parallel Sessions

Parallel session F5: **Markets and Market Margins**

Moderator: Thomas Reardon

Meeting room 4

- 09:30 -09:45 *The Economic Analysis of Mazafati Date Marketing Margin: A Case Study of Sistan and Balochistan*
M Abassian M, MH Karim*, M Esmaeili and H Ebrahimzaded
- 09:45-10:00 *Pomegranate marketing margins in the Neyriz, Neyriz Iran*
Mahdi Babaei* and Mahmoud Sabouhi
- 10:00-10:15 *Modern Milk Supply Chains and Smallholder Dairy Farmers in India*
Anjani Kumar* and Ramesh Chand
- 10:15-10:30 *Peanut value chain in the South Central Coast of Vietnam*
Tam T. G. Phan

Parallel session F6: **Resource Management and Protection**

Moderator: Yoshinori Morooka

Meeting room 5

- 09:30-09:45 *Changing Pattern in the Comparative Advantage of Seafood Industry in Asia*
Minoru Tada* and Taro Oishi
- 09:45-10:00 *Economic Generation and Sustainability of Ecosystem of Tropical Peat Swamps Towards Agro Monoculture and Aqua Production through Integrated Planting and De-acidification Fertilizing Schematic Hydro Retention*
Lee Tan Luck

Parallel Sessions

10:00-10:15 *Valuing the Marine Protected Area of San Miguel Island in the Bicol Region of the Philippines: An Application of the Willingness to Pay and Willingness to Work Approach by Contingent Valuation Method*

Tereyuki Shinbo*, **Cheryll C. Launio**,
Raul G. Bradecina and **Yoshinori Morooka**

10:15-10:30 *Exploitation of Peatlands for Sustainable Agriculture*

Dina Silvia Dewi*, **Yona Maifitri**,
Humayra Secelia Muswar and **Adi Indra Permana**

Parallel session F7: Enhancing human resource capacity

Moderator: Scott Rozelle

Meeting room 6

09:30 - 09:45 *Social Capital as an Instrument for Common Pool Resource Management: A Case Study from an Irrigation Management in Sri Lanka*
Takeshi Aida

09:45 - 10:00 *Social Capital Investment and Rural Development: The Case of Irrigation Systems In Eastern Visayas, Philippines*
Anita G. Cular

10:00 - 10:15 *Emerging Educational Services of Dairy Farms and Operators Attitudes: Evidence from Japan*
Yasuo Ohe

10:15 - 10:30 *Evaluation of the training program on rice cultivation from experts and rice farmers' viewpoint in Guilan Province*
MA Dadashil*, **MH Karim**, **M Esmaeilil**, **H Gholami** and **Arjmandi Nezhad**

10:30 –
10:45 *Public Investment in Agricultural R&D in Australia Remains a Sensible Policy Option*
John Mullen*, **Yu Sheng** and **Emily Gray**

SESSION G

Parallel session G1: Strengthening smallholders' markets

Moderator: Ganesh Thapa

Meeting room 1

- 13:00-13:15 *Effect of Barangay Bagsakan to Farmers' Profitability: The Case of Small-scale Vegetable Farmers in Davao City, Philippines*
Salvana Meryll, Jon Marx Sarmiento and Glory Dee Romo*
- 13:15-13:30 *Contract Farming and Leaseback Arrangement of Banana in Calinan District, Davao City: ARB's Contract Choice, Impact, and Gains*
Imee Marie S. Añabesa and Adela G. Ellson*
- 13:30-13:45 *Problems and prospects of wholesale marketing of fresh produce in Bangladesh: Selected case studies*
Md Ruhul Amin Talukder* and Md Ruhul Amin
- 13:45-14:00 *Market analysis of fresh vegetables in Solomon Islands*
Christian Genova II*, S. Kathrin Kriesemer, Suzanne Neave, Jaw-Fen Wang and Katinka Weinberger

Parallel session G2: Institutions and Agricultural Development

Moderator: Jikun Huang

Meeting hall

- 13:00-13:15 *Managing Micro Enterprises by Women Self Help Groups: A Study in Dhule District of Maharashtra, India*
V.M. Rao
- 13:15-13:30 *The Role of Heterarchy and Social Network for Rural and Agriculture Development*
Cungki Kusdarjito* and Any Suryantini

Parallel Sessions

Parallel Sessions

- 13:30-13:45 *The economic transition of the Vietnamese livestock sector: private stakeholders, public regulation, and market institutions*
Guillaume Duteurtre* and Binh T. Vu
- 13:45-14:00 *Empowerment model of removed society caused by Nipah Dam development through partnership Program in Sampang-Madura, Indonesia*
Andrie Kisroh Sunyigono
- 14:00-14:15 *The Operation and Management of Village Development Fund in Champasak Province, Lao PDR*
Bounthom Sisoumang*, Vute Wangwacharakul and Visit Limsombunchai

Parallel session G3: **Approaches to More Efficient Land and Water Resource Allocation**

Moderator: Sergio Francisco

Meeting room 2

- 13:00-13:15 *Prioritize the use of Kashmar plain agricultural lands by using multi criteria programming (VIKOR)*
Somayeh Shirzadi Laskookalayah and Mahmood Sabouhi Sabuni*
- 13:15-13:30 *Optimal land allocation of agro-forestry: Perennial crop development in the uplands of Java*
Shigekazu Kawashima*, Hisako Matsumoto, Akira Ishida and Shigeki Yokoyama
- 13:30-13:45 *Land management issues in depopulated areas of Japan*
Yoshiaki Iiguni* and Yukio Yamamoto
- 13:45-14:00 *Optimizing water allocation of the Doroudzan dam under various weather conditions*
Somayeh Khanjari*, Mahmud Sabuhi and Mohsen Gitizadeh
- 14:00-14:15 *A new approach to allocate water and land resources in the Fhlyan Basin area*
Simin ranjbar* and Mahmoud Sabuhi

Parallel session G4: Agricultural Productivity Improvement

Moderator: Norma U. Gomez

Meeting room 3

- 13:00 - 13:15 *The impact of irrigation infrastructure development for agriculture and household incomes in Indonesia*
Firmansyah* and Helen Cabalu
- 13:15 - 13:30 *Groundwater Irrigation and Production Risks in Rice Farming in Southern Philippines*
Norma U. Gomez * and Agnes C. Rola
- 13:30 - 13:45 *Does Microfinancing improve Farm Productivity? Empirical Evidence on Rice farming in San Francisco, Agusan del Sur, Philippines*
Gianne Francis Alfred E. Manzano, Adela G. Ellson, Adonis Traje, Glory Dee A. Romo and Jon Marx P. Sarmiento*
- 13:45 - 14:00 *Why do non adopters of AWD use less water as AWD adopters?*
Ma. Shiela Valencia*, Piedad Moya and Kei Kajisa
- 14:00 - 14:15 *The Impact of Integrated Crop Management (ICM) on Paddy Productivity in Bangka Belitung*
Mamik Sarwendah, Siti Fatimah Batubara and Irma Audiah Fachrista*

Parallel session G5: Technology Adoption: Pattern and Impact

Moderator: Sushil Pandey

Meeting room 4

- 13:00-13:15 *Adoption pattern of new generation modern rice varieties in stress-prone environments of South Asia*
D. Gauchan*, R. Bool (Emerick), M. Malabayabas and S. Pandey
- 13:15-13:30 *Upland farmers' technology adoption and its impact in Southern Yunnan*
Huaiyu Wang* and Sushil Pandey

Parallel Sessions

Parallel Sessions

- 13:30-13:45 *Adoption of Alternate Wetting and Drying Technology: The Philippine Experience*
Emma D. Quicho*, **Rubenito M. Lampayan**, **Evangeline B. Sibayan**, **Rica Joy B. Flor**, and **Florencia G. Palis**
- 13:45-14:00 *Comparative analysis of rice variety adoption in Eastern India and Central Luzon*
Maria Luz Malabayabas*, **Devendra Gauchan** and **Sushil Pandey**
- 14:00-14:15 *Determination of the optimum cropping pattern under adequate and limited water supply: An application of Non-Linear Program modeling*
Zahra Borazjani* and **Mahmoud Sabouhi Sabouni**

Parallel session G6: Dynamics of Rural Livelihoods and Poverty in South Asia

Moderator: Shabd Swaroop Acharya

Meeting room 5

- 13:00-13:15 *Dynamics of Rural Livelihoods and Poverty in Bangladesh: 1988-2010*
Humnath Bhandari, **Samarendu Mohanty** and **Alamgir Chowdhury***
- 13:15-13:30 *Dynamics of Rural Livelihoods and Poverty in eastern India*
Anjani Kumar et al.
- 13:30-13:45 *Dynamics of Rural Livelihoods and Poverty in SAT India: Findings from Longitudinal Household Surveys 1975-2010*
Uttam Deb* and **Cynthia Bantilan**
- 13:45-14:00 *Livelihoods and Poverty in Rural Asia: Trends, Determinants and Implications*
Cynthia Bantilan, **Masao Kikuchi** and **Mahabub Hossain**

Parallel session G7: Food Safety Issues

Parallel Sessions

Moderator: Ryohei Kada

- 13:00-13:15 *Effect of Arsenic Contamination on Rice Production and Human Health: Insights from Farmers' perceptions*
M. Shahe Alam*, J. Kabir, M.A. Islam and M.A.Salam
- 13:15-13:30 *Impacts of Ecological Risks to Food and Health Security in Laguna Lake Region, Philippines: Focus on Flood Risks*
Bam H.N. Razafindrabe* and Ryohei Kada
- 13:30-13:45 *Marketing Transformation at Dairy Farm-gate after Milk Scandal in China: Evidence From Greater Beijing*
Hao Luan*, Xiangping Jia, Jikun Huang, Scott Rozelle and Johann Swinnen
- 13:45-14:00 *Conditions to Maintain Healthy Eco-Food System: The Case of the Laguna Lake Watershed, Philippines*
Ryohei Kada* and Tadayoshi Masuda
- 14:00-14:15 *Chlorella Sp. Culture as a Source of Protein for Human Health*
Dina Silvia Dewi*, Yona Maifitri Humayra Secelia Muswar and Adi Indra Permana