



THE 4TH INTERNATIONAL **CONSERVATION AGRICULTURE** CONFERENCE IN SOUTHEAST ASIA

**Conservation Agriculture and Sustainable
Crop Production Intensification:**
Producing more while enhancing ecosystem services

DEC 9-14 | University of Battambang | Battambang, Cambodia



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ABOUT US

Our conference aims to:

- Characterize the drivers of farming system changes in Southeast Asia
- Analyze the impact of those changes on ecosystem sustainability
- Identify, assess, and design innovations related to conservation agriculture that provide possibilities for smallholder farmers to sustainably intensify agricultural production while improving their ability to adapt to local and global change
- Discuss conditions and strategies to extend conservation agriculture with smallholder farmers

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Email • Questions? Email Manny Reyes at reyes@ag.ncat.edu



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WELCOME TO BATTAMBANG

The challenge of agricultural sustainability has become more intense in recent years, as a result of the sharp rise in the cost of food and energy, climate change, water scarcity, degradation of ecosystem services and biodiversity, and the financial crisis. To this end, conservation Agriculture (CA) is seen as an option to cope with the above pressures. CA has been increasingly practiced in all continents and all agricultural ecologies — including in various temperate environments — because of the environmental benefits, namely less erosion possibilities, better water conservation, improvements in air quality due to less emissions, a chance for greater biodiversity, and higher yields and outputs than conventional agriculture upon longer periods of practice.

Cambodia, being rich with natural resources and where biodiversity is still well preserved, deserves further development of CA. Nevertheless, the practice of CA requires a deeper understanding of its ecological underpinnings in order to be managed for sustainable intensification.

I therefore strongly believe that the Fourth International Conservation Agriculture Conference in Southeast Asia will provide a venue for sharing knowledge, experience, and new findings among researchers, academicians, and policy makers. The outcomes of this can be usefully used for the development of CA in Cambodia.

I look forward to seeing all of you in Battambang, a beautiful, peaceful, and charming city of the Kingdom of Cambodia.

SINCERELY,

TOUCH VISALSOK, PH.D. SIENG EMTOTIM, PH.D.

*Under Secretary of State
Ministry of Education, Youth
and Sport (MOEYS)
Kingdom of Cambodia*

*Rector
University of Battambang
Kingdom of Cambodia*



Touch Visalsok



Sieng Emtotim



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AT-A-GLANCE SCHEDULE

MONDAY 12/9

08:00–09:30

Registration

09:30–10:00

Opening remarks

10:00–11:00

Presentations by Dr. Valsok Touch and Dr. Manuel Reyes

11:30–12:30

Keynote presentation by Dr. Waded Cruzado

11:30–12:30

Oral Presentations I

12:30–13:30

Lunch

13:30–15:30

Oral Presentations II

15:30–17:00

Poster Session and Social

TUESDAY 12/10

08:30–09:45

Introductory remarks
Plenary Presentations

09:45–10:00

Break

10:00–12:00

Oral Presentations

11:45–12:45

Lunch

12:45–15:45

Oral Presentations

Gender, nutrition, and CA

Breakout Session:
Setting priorities for
HCID in conservation
agriculture in SE Asia

16:00–18:00

CANSEA Steering
Committee Meeting*

WEDNESDAY 12/11

08:00–09:15

HARVEST Breakfast

09:15–10:15

Plenary Session

10:15–10:30

Break

10:30–12:00

Oral Presentations

12:00–13:30

Lunch

13:30–16:30

Oral Presentations

18:00

Special Night Program

THURSDAY 12/12

08:30–11:30

Presentations and
panels with farmers

11:30–12:30

Lunch

12:30–18:30

Field trips to:

- SANREM
Experimental Sites
- Upland experimental
sites
- Rain-fed upper
terrace experimental
site
- Buddhist temple and
bat cave

FRIDAY 12/13

06:30–16:00

Field trips with lunch
provided to:

- Women of Siem Reap
Project
- Angkor Wat
- Other temple sites

*Those joining
Saturday's field
trip will spend the
night in Siem Reap,
transportation back
to Battambang upon
request*



*By invitation only

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DAILY BREAKDOWN

MONDAY DECEMBER 9:

8:00-9:30 a.m. Registration (*All attendees must pick up registration materials, entrance to main auditorium*)

9:30-10:00 a.m. Opening remarks Rada Kong SANREM Cambodia Coordinator (*Moderator*)

Ms. Sieng Emtotim, *Rector of the University of Battambang (UBB), Cambodia*

Olivier Gilard, *Agence Française de Développement Representative*

Mr. Paris Chuop, *Assistant FAO Representative*

Mr. Sambath Sak, *USAID Cambodia Mission Senior Agricultural Economist*

His Excellency Dr. Hang Choun Naron, *Minister of Education, Youth and Sport*

10:00-11:00 a.m. Current activities, accomplishments and future goals of conservation agriculture in Cambodia

Representative of Ministry of Education, Youth, and Sport

Video: Building nature capital and revenue through CAPS in Cambodia

Dr. Manuel Reyes, *Conference Co-Chair, North Carolina Agricultural and Technical State University*

11:00-11:30 a.m. Key note presentation

U.S. model of land-grant universities and its impact on agricultural production

Dr. Waded Cruzado, *President, Montana State University-Bozeman, BIFAD board member*

11:30 a.m.-1:00 p.m. Conservation agriculture in Cambodia: How do we scale up this key technology? Meeting, working group & luncheon-UBB Hubb Restaurant Jeff Goebel, *Moderator (by invitation only)*

11:30 a.m.-12:30 p.m. Oral presentations (concurrent)

Pg. 9: Adoption of conservation agriculture Part I (Room A)

Pg. 9: Conservation agriculture and soil health Part II (Room B)

12:30-1:30 p.m. Lunch break (*UBB Rooftop Cafeteria*)

1:30-3:30 p.m. Oral presentations (concurrent)

Pg. 9: Adoption of conservation agriculture Part II (Room A)

Pg. 9: Conservation agriculture and soil health Part II (Room B)

3:30-5:00 p.m. Poster session & social (*posters will remain until Thursday, Dec. 12*)
Snacks and drinks provided



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DAILY BREAKDOWN

TUESDAY DECEMBER 10:

8:30-9:45 a.m. Introductory remarks

Dr. Li Rui, *President of the World Association of Soil and Water Conservation (Moderator)*

Plenary presentations

The role of conservation agriculture in developing resilient sustainable intensification systems

Dr. Adrian Ares, *Director of the USAID Feed the Future SANREM Innovation Lab*

Conservation Agriculture Review and Perspective in South East Asia: Role of conservation agriculture network for South East Asia CANSEA

Jean-Claude Legoupil, *Director of CIRAD Research Unit on Conservation Agriculture and Systems Engineering*

9:45-10:00 a.m. Break

10:00 a.m.-12:00 p.m. Oral presentations (concurrent)

Pg. 10: Sustainable intensification Part I (Room A)

Pg. 10: Conservation agriculture and crop yield Part I (Room B)

11:45 a.m.-12:45 p.m. Lunch break

12:45-3:45 p.m. Oral presentations (concurrent)

Pg. 10: Sustainable intensification Part II (Room A)

Pg. 10: Conservation agriculture and crop yield Part II (Room B)

1:45-3:45 p.m. Pg. 12: Gender, nutrition and conservation agriculture

1:45-3:00 p.m. Breakout session/working group

Pg. 13: Obstacles and solutions: setting priorities for human and institutional capacity development (HICD) in conservation agriculture in SE Asia

Tom Hammett, *Virginia Tech (Moderator)*

4:00-6:00 p.m. CANSEA Steering Committee meeting

(By invitation only)



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DAILY BREAKDOWN

WEDNESDAY DECEMBER 11:

8:00-9:15 a.m. HARVEST breakfast (*UBB Hotel Restaurant, all participants invited*)
HARVEST activities, results, and plans for the next two years of implementation
Sophal Chan, *Deputy Chief of Party and Director for Policy & Enabling Environment*

9:15-10:15 a.m. Plenary session

Conservation Agriculture Service Center, Cambodia
Rada Kong, *SANREM Cambodia Coordinator (Moderator)*
Conservation Agriculture with Trees Center
Dr. Agustin Mercado, *World Agroforestry Centre (ICRAF), the Philippines*

10:15-10:30 a.m. Break

10:30 a.m.-12:00 p.m. Oral presentations (concurrent)

Pg. 11: Conservation agriculture management technologies Part I (Room A)
Pg. 13: Soil microbial populations (Room B)

12:00-1:30 p.m. Luncheon & working group (*UBB Hotel Restaurant*)

A Center for Conservation Agriculture in Southeast Asia, how about in Cambodia?
Ngo Bunthan, *Rector of the Royal University of Agriculture*

1:30-4:30 p.m. Oral presentations (concurrent)

Pg. 11: Conservation Agriculture Management Technologies Part II (Room A)
Pg. 12: Conservation agriculture with trees (Room B)
Pg. 12: Conservation agriculture and Income (Room B)

6:00 p.m. Special dinner & awards program (*The River Restaurant. All conference attendees are invited*)

Past successes and future endeavors in conservation agriculture
Dr. Sarah Gilleski, *USDA/FAS, International Agriculture Program Specialist*
Dr. Moffatt K. Ngugi, *USAID, Bureau for Food Security, Climate Change & Environment in Agriculture*



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DAILY BREAKDOWN

THURSDAY DECEMBER 12:

8:30-11:30 a.m. Presentations and panels Farmers' experiences with conservation agriculture

Rada Kong, *SANREM Cambodia Coordinator (Co-Moderator)*

Don Immanuel Edralin, *Ph.D. graduate student, NC A & T (Co-Moderator)*

Farmers from Battambang: *specialized grain and cassava production systems on medium-big farms*

Farmers from Kampong Cham: *ancient and diversified grain and cassava production systems on small farms*

Ry Saren, *ADDA/SANREM/HORT/NCATSU Field Technician (Co-Moderator)*

Women growers from Siem Reap: *CA drip irrigation for vegetables farming*

11:30 a.m. -12:30 p.m. Luncheon (UBB Cafeteria)

12:30-1:30 p.m. Travel from Battambang to the SANREM-CASC experimental sites (Sdov, Rattanak Mondol)

1:30-2:30 p.m. Field visit to 1st upland experimental site: *Boribo I*

2:30-4:30 p.m. Field visit to 2nd upland experimental site: *Boribo II*

Soil aggregate stability test for CAPS vs. Conventional Plow

Corn sowing demonstration with 2-row and 4-row direct planters made in Thailand

4:30-5:30 p.m. Field visit to rain-fed upper terrace rice experimental site: *Boeung Ampil*

5:30-6:30 p.m. Trip to Buddhist temple and bat cave

FRIDAY DECEMBER 13: (additional registration fee required, \$20 for temple access, free for Cambodians)

6:30 a.m. Bus departure from Seng Hout hotel (Boxed breakfast meal provided)

9:15 a.m.-12:00 p.m. Trip to women CAPS vegetable farmers in Siem Reap

12:00-1:00 p.m. Lunch

1:00-2:30 p.m. Tour of Angkor Wat

2:30-4:00 p.m. Tour of other temples

Those joining Saturday's field trip will spend the night in Siem Reap, transportation back to Battambang will be provided upon request for a fee of about \$10.00

SATURDAY DECEMBER 14: (additional registration fee required, \$20 temple access, free for Cambodians) Other tours to be arranged. Transportation to Battambang provided with prior notification, cost will be about \$10.00



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SPECIAL SESSIONS

12/9: CA Adoption (Room A) | *P. Sen, Moderator*

Time	Author	Title	Organization
11:30	Pham Thi Sen, Oleg Nicetic, Le Huu Huan, Le Thi Nga, Gunnar Kirchof, Nguyen Van Bang, Do Sy An, Nguyen Van Nhat, Dang Van Cong, Nguyen Hoang Phuong, Elske van Fliert	Outreach strategy towards large scale adoption of CA innovations: experience from Northwest Vietnam highlands	Northern Mountainous Agriculture and Forestry Science Institute (NOMAFSI), Vietnam; University of Queensland, Australia; Tay Bac University, Vietnam
12:00	Bikash Paudel, Catherine Chan-Halbrendt and B. B. Tamang	Evaluating social network to transfer conservation agriculture practices among smallholder farmers in central mid-hills of Nepal	University of Hawaii, Manoa
1:30	Karki, T.B and Sah, S.K.	Status, Challenges and Opportunities of Conservation Agriculture (CA) in Nepal	Tribhuvan University, Nepal
2:00	Culas, Christian	Some proposals for a cooperation between agronomist and anthropologist: CA must be integrated to the local socio-cultural system to become effective	French National Center for Scientific Research (CNRS)
2:30	Jeff Goebel	Shift Happens, Rapidly!	Triangle Associates, Inc., Seattle, Washington
3:00	Sepo Marongwe	Conservation Agriculture Adoption Processes in Zimbabwe: Lessons and Experiences	Ministry of Agriculture, Zimbabwe

12/9: CA and Soil Health (Room B) | *V. Ella, Moderator*

11:30	Victor B. Ella, Manuel Reyes, Rafael Padre and Agustin Mercado, Jr.	Variability of selected physical and chemical soil quality parameters under conservation agriculture production systems in the Philippines	University of the Philippines Los Banos
12:00	Florent Tivet, João Carlos de Moraes Sá, Chanthasone Khamxaykhai, Hoá Tran Quoc, Johnny Boyer, Phakphoom Tantachatsatid, Khamkeo Panyasiri, Lucien Séguy	SOC and biodiversity dynamics under DMC systems: Enhancing soil potentialities and production of ecosystem services	CIRAD
1:30	Muhajir Utomo	Long-term conservation tillage (CT) effect on soil properties and crop yields	FAORAP
2:00	Izhar, Edralin, Kieu, and Manuel Reyes	Soil Quality Parameters in Oasissofas	North Carolina A&T
2:30	Crista Sorenson, David Hole, Bruce Miller, Pamela Hole	Improving Soil Health in a Temperate, Xeric Moisture Regime Organic Winter Wheat Production System	Utah State University
3:00	Suria Darma Tarigan, Bejo Slamet, and Sunartic	Impact of Different Agricultural Practices on Soil and Water Conservation in Plantation Crops	Bogor Agricultural University, Indonesia

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SPECIAL SESSIONS

12/10: Sustainable Intensification (Room A) | *J. Himmelstein, Moderator*

Time	Author	Title	Organization
10:00	Jennifer Himmelstein	The Paradigm of Sustainable Intensification: A Multi-faceted Systematic Approach	Virginia Tech
10:30	P.V. Vara Prasad, Jesse B. Naab and Roger L. Kanton	Sustainable Intensification and Conservation Agricultural Practices: Opportunities and Challenges for Small holding Farmers in Sub-Saharan Africa	Kansas State University
11:00	G. Kranjac-Berisavljevic, Ganda, B.Z., Shayibu, A.G.	Experiences with Conservation Agriculture in Northern Ghana: overview of the collaborative efforts at the University for Development Studies, Tamale	University for Development Studies, Ghana
11:30	R. Kong, S. Boulakia, S. Chabierski, V. Sar1, S. San, B. Nin, E. Penot	The potentials and challenges of Conservation Agriculture adoption in the western upland areas of Cambodia: A case study in Rattanak Mondol district, Battambang province	PADAC
12:45	Gil C. Saguiguit, Jr., Bessie M. Burgos, Maria Celeste H. Cadiz, and Henry M. Custodio	Conservation Agriculture and Capacity Building toward Inclusive and Sustainable Agricultural and Rural Development in Southeast Asia	SEARCA
1:15	Tom Hammett	Innovations in conservation agriculture training and education: How we can meet the needs of sustainable intensification for small landholders?	Virginia Tech

12/10: CA and Crop Yield (Room B) | *M. Kar, Moderator*

10:00	Neal Samuel Eash	Using Conservation Agriculture to Intensify and Stabilize Agricultural Production in Southern Africa	University of Tennessee
10:30	Aliza Pradhan, T. Idol, P. K. Roul, C. Chan-Halbrendt, J. Halbrendt, Manoranjan Kar	Effects of a maize-based conservation agriculture production system on crop yield in Odisha, India	University of Hawaii, Manoa
11:00	K. R. Pande, Catherine Chan-Halbrendt, R. Pudasaini, S. Dhakal and R.B. Mahato	Short term effects of conservation agriculture in crop productivity and soil properties	Institute of Agriculture and Animal Science, Tribhuvan University,
11:30	Golabi, Mohammad H., Ferdinand Galsim	Higher crop yield from healthier soil via soil quality enhancement strategies on the calcareous soils of northern Guam	University of Guam
12:45	Apolinario B. Gonzaga Jr., Pompe C. Sta Cruz, Agustin R. Mercado Jr., and Nelda Ruba Gonzaga	Physiological and agronomic efficiencies of corn under Conservation Agriculture Practice Systems (CAPS) in a sloping upland oxisol in Southern Philippines	Misamis Oriental State College of Agriculture and Technology
1:15	Rameshwar S. Kanwar	Conservation tillage effects on crop yields, soil erosion, and soil and water quality.	Lovely Professional University, India

SPECIAL SESSIONS

12/11: CA Management Technologies, parts I and II (Room A) |

B. Risdiono, Moderator

Time	Author	Title	Organization
10:30	Bambang Risdiono, Achmad Fanindi, Endang Sutedi and Sajimin	Drought-tolerant forage crop for soil conservation in the province of Banten, Indonesia	Indonesian Research Institute for Animal Production
11:00	Ji-Wei Huang and Chung-Chi Lee	Effects of long term farming abandon on landscape and ecology change in PengHu island, Taiwan.	National Ilan University, Taiwan
11:30	Dwi Retno Lukiwati, Endang Dwi Purbayanti and Retno Iswarin Pujaningsih	Sweet corn, dry matter and phosphorus production of stover with some kind of manure 'plus' fertilization	Diponegoro University
1:30	Somasundaram Sutharsan and Shanmugalingam Srikrishnah	Effects of selected organic sources on the growth and yield of different maize (<i>Zea mays</i> L.) varieties in sandy regosols of Batticaloa district Sri Lanka	Eastern University of Sri Lanka
2:00	Rolando Javellonar	Rice straw geotextile as ground cover for soil erosion mitigation	Northwestern University, Philippines
2:30	Jasaw Godfred Seidu, Antwi Effah Kwabena, Lolig Victor, Bofo Yaw Agyeman, Berisavljevic-Kranjac Gordana, Saito Osamu, Kazuhiko Takeuchi	Factors influencing the adoption of mucuna pruriens as a land conservation strategy in Northern Ghana	United Nations University
3:00	Abd-Alla Gad	Application of Remote Sensing and GIS in Natural Resources Conservation of Some Egyptian Desert Oases	Environmental Studies and Land Use Division, National Authority for Remote Sensing and Space Sciences, Egypt
3:30	Nuanchan Singkran, Jaruporn Tosang, Doungjai Waijaroen, Naree Intharawichian, Ornanong Vannarart, Pitchaya Anuntawong, Karika Kunta, Poonsak Wisetsopa, Tanomkwan Tipvong, Naruekamon Janjirawuttikul, Fatah Masthawe, Sanguanpran Anornpatanawat, Sukrit Kirtsaeng	Influences of land use changes on flow patterns in the Lamtakhong, Thailand	Mahidol University, Thailand

SPECIAL SESSIONS

12/10: Gender, Nutrition and Conservation Agriculture (Room A) |

C. Chan-Halbrendt, Moderator

Time	Author	Title	Organization
1:45	Halbrendt, J., S.A. Gray, A. Hirata Kimura, T. Radovich, B. Reed, B.B. Tamang	Assessing the Implications of Conservation Agriculture on Gender Labor for Tribal Societies in the Central Mid-Hills of Nepal	University of Hawaii, Manoa
2:15	Ma. Elena Chiong-Javier, Kent C. Tangcalagan and Manuel R. Reyes	Gendered Benefits and Challenges of Conservation Agriculture: Implications for Smallholder Adoption in Developing Countries	De La Salle University, Philippines
2:45	R. Jha, P. Wasti, K. Thapa and C. Chan-Halbrendt	Impact of farming system on nutritional status of women and children of Chepang Community of Nepal	University of Hawaii, Manoa
3:15	Kent C. Tangcalagan, Ma. Elena Chiong-Javier and Manuel R. Reyes	Role of Vegetables and Fruits in Nutrition Security: Recommendations for Conservation Agriculture Production Systems	De La Salle University, Philippines

12/11: CA and Income (Room A) | *B. Paudel, Moderator*

1:30	B. Paudel, C. Chan-Halbrendt, G. Norton, K. Thapa and B. B. Tamang	Economic feasibility of conservation agriculture production system (CAPS) for smallholder tribal farmers in Nepal	University of Hawaii, Manoa
2:00	S. N. Dash, S. Behera, C. Chan Halbrendt, K. N. Mishra and P. K. Roul	Integration of conservation agriculture approaches in banana to improve farmers' income and maintain soil health	Orissa University of Agriculture and Technology
2:30	Yaw Agyeman Boafo, Godfred Seidu Jasaw	Socio-Economic and Institutional Dimensions to Adoption of Conservation Agriculture in Semi-Arid Ghana	United Nations University

12/11: CA with Trees (Room B) | *A. Mercado, Jr., Moderator*

3:00	Agustin R. Mercado, Jr., Rodel D. Lasco, Caroline D. Piñon, Dennis Garrity and Manuel Reyes	Tree and crop management of hedgerow intercropping agroforestry systems	World Agroforestry Centre (ICRAF)
3:30	Didik Suprayogo, Nunik Anggraeni Puspitaningtiyas, Anisa 'Ul Kamila, Yasmindari Sambayu, Rika Ratna Sari, Bernadetha Mitakda, Kurniatun Hairiah	Rehabilitation of degraded lands through agroforestry: Analysis of success factors and prediction of tree growth in volcanic land	Brawijaya University, Malang
4:00	Sunarti, Naik Sinukaban, and Suria Darma Tarigan	The potentiality of rubber farming system at Batang Pelepat watershed as an alternative conservation agriculture to save watershed hydrology condition	Jambi University, Indonesia

SPECIAL SESSIONS

12/11: Soil Microbial Populations (Room B) | *P. Lienhard, Moderator*

10:30	Pascal Lienhard, Florent Tivet, André Chabanne, Samuel Dequiedt, Mélanie Lelièvre, Sengphanh Sayphoummie, Bounma Leudphanane, Nicolas Chemidlin Prévost-Bouré, Lucien Séguy, Pierre-Alain Maron and Lionel Ranjard	CA vs. tillage systems effect on soil microbial abundance and diversity in Laos tropical grasslands	CIRAD
11:00	Tran Duc Toan, O. Didier, Valentin C., Tran Sy Hai, Nguyen Duy Phuong	No-tillage practice to water run-off, soil erosion and fauna population in soil	SFRI
11:30	Pascal Lienhard, Sébastien Terrat, Olivier Mathieu, Jean Levêque, Nicolas Chemidlin Prévost-Bouré, Virginie Nowak, Tiffanie Régner, Céline Faivre, Sengphanh Sayphoummie, Khamkéo Panyasiri, Florent Tivet, Lionel Ranjard and Pierre-Alain Maron	Tillage system and cropping intensity shift the links between microbial diversity and Carbon turnover in Laos tropical grassland	CIRAD

12/10 1:45 PM: Breakout session - Obstacles and solutions: Setting priorities for HICD in conservation agriculture in SE Asia (Room B)

Tom Hammett, Virginia Tech

Contributors to this session will receive door prizes. All attendees will have the opportunity to join the new agricultural training and education community of Practice. This group will:

- Examine challenges related to human and institutional capacity in conservation agriculture in SE Asia through small group discussion;
- Build a strategy to strengthen HICD capacity in the region; and
- Generate consensus on future direction for future HICD initiatives

12/11 12:00 PM: Working luncheon - A center for conservation agriculture: Why not in Cambodia? (UBB Hub Restaurant)

Jeff Goebel, Triangle Associates

We have no choice to feed a growing Southeast Asian population, we have no option but to intensify crop production. However, in order to grow, agriculture must learn to save.

- Country teams will discuss the advantages and disadvantages of beginning a Conservation Agriculture Feed the Future Innovation Lab Center for Southeast Asia in Cambodia
- They will propose what other countries in Southeast Asia can concentrate in beginning such a Center
- They will present their thoughts about beginning a Center in Cambodia and whether to support one

POSTER SESSION

Author	Title	Organization
Tika B. Karki and Andrew J. McDonald	Tillage, residue and nutrient management affects the growth, grain yield along with yield attributes of maize under rice-maize system of Nepal.	Tribhuvan University, Nepal
Bharat P. Singh, Upendra M. Sainju, and Hari P. Singh	Soil carbon and nitrogen and sweet sorghum production affected by cover crop	Agricultural Research Station, Fort Valley State University
Aliza Pradhan, Catherine Chan-Hal-brendt, Cynthia Lai	Comparative analysis of farmer preferences before and after practicing conservation agriculture in Odisha, India: using Analytic Hierarchy Process (AHP)	University of Hawaii, Manoa
Jaruporn Tosang	Comparison of legumes types for soil and water conservation and cassava production increase	Land Development Department, Bangkok, Thailand
Edralin, D.I.A., Saren Ry and Reyes, M.R.	Conservation Agriculture with smallholder women farmers in Cambodia	North Carolina Agricultural & Technical State University
Narayan Prasad Khanal	Sustainable Intensification of Rice Fallows in Nepal: Experience of Farmers' Participatory Research and Development Initiatives	Hiroshima University, Japan
Paul O. Tarnate, Victor B. Ella and Manuel Reyes	Modeling solute transport in soil under conservation agriculture production systems in the Philippines	University of the Philippines Los Banos
Romina M. Bondad, Victor B. Ella, Ronaldo Saludes, Manuel Reyes and Agustin Mercado, Jr.	Simulating the impact of conservation agriculture on corn yield in the Philippines using the DSSAT Ceres-Maize Model	University of the Philippines Los Banos
Geetha Mohan and Hirotaka Matsuda	Effects of Conservation Agricultural Practices on Rice Yield in Kurunegala District in Sri Lanka	Integrated Research System for Sustainability Science (IR3S), The University of Tokyo
Izhar, L., Susila, A. D., Purwoko, B. S.	Conservation Agriculture with Soil Health: Optimal Fertilization Rate for Tomato (<i>Lycopersicon esculentum</i> Mill. L) on Inceptisols	
Ji-Wei Huang, Chung-Chi Lee, and and Chong-Xian Cai	Environmental risk assessment on farming in marginal land- a case study of water melon planted on river bed in Wha-lien Taiwan.	National Ilan University, Taiwan
Renante D. Taylaran, Agripino G. Salva, Jr., Emelita J. Torayno, Elizar M. Elmundo	Characterization of organically grown traditional and improved upland rice (<i>Oryza sativa</i> L.) varieties for drought adaptation in marginal uplands	Misamis Oriental State College of Agriculture and Technology
Phakphoom Tantachasatid, Kan-nika Sajjaphan, Sornprach Thanisawanyangkura, Lucien Seguy, Johnny Boyer	Impact of plant covers in no-till systems on the diversity and the structure of soil macrofauna populations in Thailand	Kasetsart University/ CIRAD
Made Deviani Duaja	Extensification of potato (<i>Solanum tuberosum</i> L.) cultivation to hot tropical medium elevation: Modification of plant ecophysiomorphology	Jambi University, Indonesia
Lizawati and Made Deviani Duaja	The use of Manggosteen (<i>Garcinia mangostana</i>) in traditional agroforestry system for landslope conservation	Jambi University, Indonesia
Winai WANGPIMOOL, Kobkiat PONG-PUT and Nipon TANGTHAM	Study on Hydrological Characteristics, Sediment yield and Nutrient Loss in Upper Nan Basin, Nan Province, Thailand	Kasetsart University, Bangkok, Thailand
Wichian Sattatara	Regeneration of the Forest, Rice Fields, Soil and Water Resources at the Family Level for Tambon Muangleeng, Thailand	GWEF
Chonthicha Srisuk and Suchanya Sricha-um	Organic Farming in Villagers' Style for GWEF Members, Muangleeng Sub-district, Chompra District, Surin Province, Thailand	GWEF

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