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

STAY SOCIAL

Keep up with us:
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Facebook • Tag our partners! UBB, NC A&T, SANREM Innovation Lab, CIRAD, USAID, AFD, CANSEA, FAO, and WASWAC
Twitter • See what your fellow conference participants are doing with hashtag #CASEA4 or #CruzadoBIFAD
Email • Questions? Email Manny Reyes at reyes@ag.ncat.edu
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  Rector
Ministry of Education, Youth  University of Battambang
and Sport (MOEYS)  Kingdom of Cambodia
Kingdom of Cambodia
MONDAY 12/9
08:00–09:30
Registration
09:30–10:00
Opening remarks
10:00–11:00
Presentations by Dr. Visalsok 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

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
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.-1:00 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
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)
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
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 Mundol)
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
### SPECIAL SESSIONS

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

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<tr>
<th>Time</th>
<th>Author</th>
<th>Title</th>
<th>Organization</th>
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<tbody>
<tr>
<td>11:30</td>
<td>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</td>
<td>Outreach strategy towards large scale adoption of CA innovations: experience from Northwest Vietnam highlands</td>
<td>Northern Mountainous Agriculture and Forestry Science Institute (NOMAFSI), Vietnam; University of Queensland, Australia; Tay Bac University, Vietnam</td>
</tr>
<tr>
<td>12:00</td>
<td>Bikash Paudel, Catherine Chan-Halbrendt and B. B. Tamang</td>
<td>Evaluating social network to transfer conservation agriculture practices among smallholder farmers in central mid-hills of Nepal</td>
<td>University of Hawaii, Manoa</td>
</tr>
<tr>
<td>1:30</td>
<td>Karki, T.B and Sah, S.K.</td>
<td>Status, Challenges and Opportunities of Conservation Agriculture (CA) in Nepal</td>
<td>Tribhuvan University, Nepal</td>
</tr>
<tr>
<td>2:00</td>
<td>Culas, Christian</td>
<td>Some proposals for a cooperation between agronomist and anthropologist: CA must be integrated to the local socio-cultural system to become effective</td>
<td>French National Center for Scientific Research (CNRS)</td>
</tr>
<tr>
<td>3:00</td>
<td>Sepo Marongwe</td>
<td>Conservation Agriculture Adoption Processes in Zimbabwe: Lessons and Experiences</td>
<td>Ministry of Agriculture, Zimbabwe</td>
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#### 12/9: CA and Soil Health (Room B) | V. Ella, Moderator

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

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

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

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

**12/11: CA Management Technologies, parts I and II (Room A) | B. Risdiono, Moderator**

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<tr>
<td>10:30</td>
<td>Bambang Risdiono, Achmad Fanindi, Endang Sutedi and Sajimin</td>
<td>Drought-tolerant forage crop for soil conservation in the province of Banten, Indonesia</td>
<td>Indonesian Research Institute for Animal Production</td>
</tr>
<tr>
<td>11:00</td>
<td>Ji-Wei Huang and Chung-Chi Lee</td>
<td>Effects of long term farming abandon on landscape and ecology change in PengHu island, Taiwan.</td>
<td>National Ilan University, Taiwan</td>
</tr>
<tr>
<td>11:30</td>
<td>Dwi Retno Lukiwati, Endang Dwi Purbayanti and Retno Iswarin Pujaningsih</td>
<td>Sweet corn, dry matter and phosphorus production of stover with some kind of manure ‘plus’ fertilization</td>
<td>Diponegoro University</td>
</tr>
<tr>
<td>1:30</td>
<td>Somasundaram Sutharsan and Shanmugalingam Srikrishnah</td>
<td>Effects of selected organic sources on the growth and yield of different maize (Zea mays L.) varieties in sandy regosols of Batticaloa district Sri Lanka</td>
<td>Eastern University of Sri Lanka</td>
</tr>
<tr>
<td>2:00</td>
<td>Rolando Javellonar</td>
<td>Rice straw geotextile as ground cover for soil erosion mitigation</td>
<td>Northwestern University, Philippines</td>
</tr>
<tr>
<td>3:00</td>
<td>Abd-Alla Gad</td>
<td>Application of Remote Sensing and GIS in Natural Resources Conservation of Some Egyptian Desert Oases</td>
<td>Environmental Studies and Land Use Division, National Authority for Remote Sensing and Space Sciences, Egypt</td>
</tr>
<tr>
<td>3:30</td>
<td>Nuanchan Singkran, Jaruporn Tosang, Doungjai Waijaroen, Na-ree Intharawichian, Ornanong Vannarart, Pitchaya Anuntawong, Karika Kunta, Poonsak Wisetsopa, Tanomkwan Tipvong, Naruekamon Janjirawuttikul, Fatah Mustawhee, Sanguanpran Anornpatanawat, Sukrit Kirtsaaeng</td>
<td>Influences of land use changes on flow patterns in the Lamtakhong, Thailand</td>
<td>Mahidol University, Thailand</td>
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# SPECIAL SESSIONS

## 12/10: Gender, Nutrition and Conservation Agriculture (Room A) | C. Chan-Halbrendt, Moderator

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<tr>
<td>1:45</td>
<td>Halbrendt, J., S.A. Gray, A. Hirata Kimura, T. Radovich, B. Reed, B.B. Tamang</td>
<td>Assessing the Implications of Conservation Agriculture on Gender Labor for Tribal Societies in the Central Mid-Hills of Nepal</td>
<td>University of Hawaii, Manoa</td>
</tr>
<tr>
<td>2:15</td>
<td>Ma. Elena Chiong-Javier, Kent C. Tangcalagan and Manuel R. Reyes</td>
<td>Gendered Benefits and Challenges of Conservation Agriculture: Implications for Smallholder Adoption in Developing Countries</td>
<td>De La Salle University, Philippines</td>
</tr>
<tr>
<td>2:45</td>
<td>R. Jha, P. Wasti, K. Thapa and C. Chan-Halbrendt</td>
<td>Impact of farming system on nutritional status of women and children of Chepang Community of Nepal</td>
<td>University of Hawaii, Manoa</td>
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## 12/11: CA and Income (Room A) | B. Paudel, Moderator

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<tr>
<td>1:30</td>
<td>B. Paudel, C. Chan-Halbrendt, G. Norton, K. Thapa and B. B. Tamang</td>
<td>Economic feasibility of conservation agriculture production system (CAPS) for smallholder tribal farmers in Nepal</td>
<td>University of Hawaii, Manoa</td>
</tr>
<tr>
<td>2:00</td>
<td>S. N. Dash, S. Behera, C. Chan-Halbrendt, K. N. Mishra and P. K. Roul</td>
<td>Integration of conservation agriculture approaches in banana to improve farmers’ income and maintain soil health</td>
<td>Orissa University of Agriculture and Technology</td>
</tr>
<tr>
<td>2:30</td>
<td>Yaw Agyeman Boafo, Godfred Seidu Jasaw</td>
<td>Socio-Economic and Institutional Dimensions to Adoption of Conservation Agriculture in Semi-Arid Ghana</td>
<td>United Nations University</td>
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## 12/11: CA with Trees (Room B) | A. Mercado, Jr., Moderator

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<th>Time</th>
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<tr>
<td>3:00</td>
<td>Agustin R. Mercado, Jr, Rodel D. Lasco, Caroline D. Piñion, Dennis Garrity and Manuel Reyes</td>
<td>Tree and crop management of hedgerow intercropping agroforestry systems</td>
<td>World Agroforestry Centre (ICRAF)</td>
</tr>
<tr>
<td>3:30</td>
<td>Didik Suprayogo, Nunik Anggraeni Puspitaningtyias, Anisa ’Ul Kamila, Yasminiar Sambayu, Rika Ratna Sari, Bernardetha Mitakda, Kurniatur Hairiah</td>
<td>Rehabilitation of degraded lands through agroforestry: Analysis of success factors and prediction of tree growth in volcanic land</td>
<td>Brawijaya University, Malang</td>
</tr>
<tr>
<td>4:00</td>
<td>Sunarti , Naik Sinukaban , and Suria Darma Tarigan</td>
<td>The potentiality of rubber farming system at Batang Pelepat watershed as an alternative conservation agriculture to save watershed hydrology condition</td>
<td>Jambi University, Indonesia</td>
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12/10 1:45 PM: Breakout session - Obstacles and solutions: Setting priorities for HCID 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
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<tbody>
<tr>
<td>Tika B. Karki and Andrew J. McDonald</td>
<td>Tillage, residue and nutrient management affects the growth, grain yield along with yield attributes of maize under rice-maize system of Nepal.</td>
<td>Tribhuvan University, Nepal</td>
</tr>
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<td>Bharat P. Singh, Upendra M. Sainju, and Hari P. Singh</td>
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