



คณะเทคโนโลยีการเกษตรและ
เทคโนโลยีอุตสาหกรรม
เลขที่รับ ๐๖๐๔/๖๐ วันที่ 6 ก.พ. 2560
เลขที่ส่ง.....วันที่.....

ที่ ศธ ๖๕๙๓(๒)๖/ ๑๐๖

ศูนย์วิจัยระบบทรัพยากรเกษตร
คณะเกษตรศาสตร์ มหาวิทยาลัยเชียงใหม่
๒๓๙ ถนนห้วยแก้ว อำเภอเมืองเชียงใหม่
จังหวัดเชียงใหม่ ๕๐๒๐๐

๑๗ กุมภาพันธ์ ๒๕๖๐

เรื่อง ขอเรียนเชิญเข้าร่วมประชุมวิชาการพร้อมเสนอผลงาน

เรียน คณบดีคณะเทคโนโลยีการเกษตรและเทคโนโลยีอุตสาหกรรม

สิ่งที่ส่งมาด้วย โครงการจัดประชุมวิชาการนานาชาติ ICOSA

ด้วยศูนย์วิจัยระบบทรัพยากรเกษตร คณะเกษตรศาสตร์ มหาวิทยาลัยเชียงใหม่ ได้กำหนดจัดให้มีการประชุมวิชาการนานาชาติ International Conference on Sustainable Agriculture (ICSA) "System approach for sustainable livelihood and environment" ในระหว่างวันที่ ๓-๔ ธันวาคม ๒๕๖๐ ณ โรงแรมโลตัสปางสวนแก้ว จังหวัดเชียงใหม่ โดยมีวัตถุประสงค์เพื่อขับเคลื่อนงานวิจัย กับการศึกษาเพื่อชี้นำภาคการเกษตรไปสู่เป้าหมายสอดคล้องกับบริบทการพัฒนาประเทศ และนำผลงานวิชาการที่ได้สังเคราะห์ร่วมกันมาพัฒนาการเกษตรในภูมิภาคอย่างยั่งยืน ดังมีรายละเอียดโครงการจัดประชุมวิชาการนานาชาติ ดังแนบมากับหนังสือฉบับนี้

ในการนี้ ศูนย์วิจัยระบบทรัพยากรเกษตร ได้พิจารณาแล้ว เห็นว่าการจัดประชุมวิชาการนานาชาติดังกล่าวจะบรรลุเป้าหมายต้องอาศัยบุคลากรที่ทำงานวิจัยและการนำไปใช้ประโยชน์ทั้งในด้านการศึกษาวิจัย สอดคล้องกับบริบทการพัฒนาประเทศตามแนวคิด Thailand 4.0 ในการนี้ ศูนย์วิจัยฯ ขอเรียนเชิญบุคลากรในสังกัดของท่านพิจารณาเข้าร่วมประชุมและร่วมนำเสนอผลงานการจัดประชุมวิชาการในครั้งนี้ โดยมีการจัดเก็บค่าลงทะเบียน สำหรับรายละเอียดสามารถคลิกดูได้ที่เว็บไซต์ <http://www.icsa.mcc.cmu.ac.th>

จึงเรียนมาเพื่อโปรดพิจารณา และขอความร่วมมือในการประชาสัมพันธ์ให้บุคลากรในสังกัดเพื่อทราบด้วย จะขอบคุณยิ่ง

เรียน คณบดี
เพื่อโปรดทราบ / เห็นควรมอบให้
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16 ก.พ. 2560

สำนักงานศูนย์วิจัยระบบทรัพยากรเกษตร
โทร. ๐๕๓-๙๔ ๕๖๒๑
โทรสาร ๐๕๓-๒๑๐๐๐๐

ขอแสดงความนับถือ

(ผู้ช่วยศาสตราจารย์ ดร.ชาญชัย แสงไชยสวัสดิ์)

หัวหน้าศูนย์วิจัยระบบทรัพยากรเกษตร

- ทน + ประจักษ์
- นพ. น.ศ.วิชาเทคโนโลยีการเกษตร
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International Conference on Sustainable Agriculture (ICSA)
“System approach for sustainable livelihood and environment”

7-8 December 2017

Center for Agricultural Resource System Research
Faculty of Agriculture, Chiang Mai University, Chiang Mai, Thailand

About the conference

As changes in agriculture and farming systems has been taken place in all aspects both in space which is ranged from individual to farm level and time which is ranged from past to the future. The changes are not only effected on agricultural productivity but also on the environmental impact as well which is rapidly expanded from local to global community. In order to soundly managing land for improving farmland, system approach for agricultural and environmental management in all aspects are considered necessary for sustainable livelihood and environment. So understanding the nature of the interconnections and dependencies of all components in the agricultural system can be challenging.

In order to address such questions and deepen our understanding of environment and society, we welcome a diversity of perspectives on farming systems, agricultural systems and different perspective of fields. We also would particularly like to attract researchers and practitioners from both natural science and social science backgrounds who are also new and currently working on systems thinking and who may be able to contribute constructively to lively debates on how we can design and deliver more in sustainable environment management and rural livelihood systems for the future.

The international sustainable environment management and rural society will focus on particular kinds of changes such as environmental changes, and social livelihoods. Sustainable environment and society might be challenges for today to living changes with risk and uncertainty.

Our aim of the conference is

- To expand the uses of systems approach for improving agricultural production systems and natural resource management with emphasis on sustainable environment and rural society.
- To generate strategic information and technologies to support agricultural production planning and processes, land and water resource rehabilitation and agricultural business management.
- To provide platform for sharing knowledge from various academic researchers in order to develop the future research collaboration on Sustainable Agriculture.

Our concept of sustainable environment and society will cover all various aspects such as climatic smart agricultural systems, sustainable production management in wild ranges of practices etc. with lead to sustainable of rural society

We are very pleased to announce that the International Conference on Sustainable Agriculture: **“System approach for sustainable livelihood and environment”** will take place at Chiang Mai, Thailand on December 2017. The themes of the Conference are listed below:

Themes

1. *Implementation of system approach on agricultural resource management: Farm, regional and national multi-hierarchical linkage*

Sustainable Agriculture and Natural Resource Management (SANRM) is focused on activities seeking to increase agricultural productivity through adoption of practices that maintain the long term Social ecological integrity of natural resources. Activities should cover social and environmental issues of agriculture and natural resource management to sustain significant increases in farm productivity through the efficient use of land and other resources.

Decentralized approaches for planning and local organization of service delivery are also necessary because most ANRM problems and recommended practices are site-specific (area-based) which require a high level of managerial input and adaptation to local ecological, economic, and social circumstances.

SANRM is also considered on sound technical analyses provided within a framework and mechanism that effectively delivers ANRM services at the community level that performance would be measured against specific indicators and assessment method.

Issues on this theme are as follows:

- a. Approaches and practices on sustainable agro-ecosystem management in the mountainous area
- b. Integrated approaches and pathways for complex social ecological system management
- c. Decision support system for sustainable ANRM
- d. Soil and water conservation for enhancing agricultural productivity
- e. Integrated Social ecological management for efficient land use system.
- f. Area-based agricultural resources management
- g. Indicators and assessment framework and method for SNARM.

2. *Climate Smart Agricultural Systems*

The efforts and innovations in intensifying sustainable agricultural system to confront with the food security goal under limited and continuously degraded agricultural resource has been successively challenged by climate pressure and rapid social and economic change. This urges us to seek for system and integrative approaches to co-construct a better understanding on the linkage of climate change and sustainable agriculture that leads to improved awareness, inter- disciplinary, multi-hierarchical levels and cross-sectoral collaboration enabling and supporting resilient mitigation and adaptation of agricultural system to climate change. The sessions under this theme challenge the involved scholars to share and exchange knowledge and experience on these following aspects:

- a. Integrated information system tool (modeling, remote sensing, databases and decision support tools) to address impacts of climate change on natural and agricultural systems.
- b. Understandings and communicating knowledge of the changing climate and sustaining agricultural system nexus, from farm to policy levels.

- c. Enhancing locals' awareness on the risk of agricultural system to climate change to promote climate-smart agriculture practices.
- d. Small-scale holders' reduction of GHGs emission with cost-effectiveness practices.
- e. Developing sustainable and resilient agricultural systems through on-the-job training and education.

3. *Sustainable rural livelihood system (Resilient social ecological system)*

The sustainability of rural livelihood systems has been the subject of increasing concern to understand the nature and magnitude of the process of diversification and external dependence of farming households in the context of changing social ecological conditions. The challenge is to understand how farming households in diverse settings cope with stress and perturbation, and how various social relations, institutions and organizations attempt to absorb varying levels of exposure to risks and uncertainties by different groups of farmers in ordinary time.

Sustainable livelihood system in a broader context has covered various factors and processes which are either constraining or enhancing smallholder farmers' ability to make a living in an economically, ecologically, and socially sustainable manner. Various successful cases of sustainable agricultural and food production systems which are asset based have been shown to overcome risks and uncertainties. The use of local knowledge and social innovations for building community resilience has strong link to sustaining rural economy.

The process requires long-term implement/efforts among multi-actors in order to achieve good impact/outcome for rural agricultural-based communities; appropriate assessment methods and processes are still needed/challenges.

The sustainable livelihood system theme covers the following issues:

- a. Cases highlighting the use of system approach for sustainable & secure livelihood.
- b. Indigenous/local knowledge and community-based agricultural resource management.
- c. Local, social and institutional innovations, and practices
- d. Incentive systems: Economic, policy, and institutional framework for agricultural resource management.
- e. Adaptive management for resilient livelihood systems
- f. Outcome/impact of SANRM

Schedule

- Conference Announcement and call for the extended abstract for oral presentation and poster presentation: 1 August 2016
- Closing date for submission of extended abstracts: 1 March 2017.
- Acceptance announcement: The abstract will be forwarded to the peer review and the acceptance announcement will be on 1 June 2017.
- Submitting of full paper and poster: If accepted, you will be asked to attend and give oral presentation or poster presentation at the conference. The full paper has to be submitted within the 15 January 2018). The selected paper will be proposed to be published in a relevant peer-reviewed journal.
- Conference date: 7-8 December 2017
- Venue: The Empress hotel, Chiang Mai, Thailand.

Registration

- Early bird Registration: 1 June - 30 September 2017
- Late registration: after 30 September 2017

Registration fee

	Early-bird	Later
International participants	US\$ 200	US\$ 250
Participants from ASIA	US\$ 150	US\$ 200
Students	US\$ 70	US\$ 100

Draft Outline Program

7 December, 2017	
Morning	Plenary session Keynote speakers
	Concurrent session
	Concurrent session
Afternoon	Concurrent session
	Concurrent session
Evening	Welcome dinner at the Empress Hotel
8 December 2017	
Morning	Plenary session Keynote speakers
	Concurrent session
	Concurrent session
Afternoon	Concurrent session
	Concurrent session

Partnerships

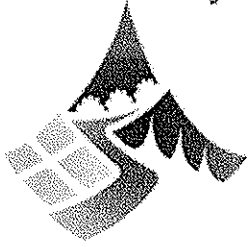
- Chiang Mai University, Thailand
- Highland Research and Development Institute (HRDI), Thailand
- CIRAD, France
- Wageningen University, the Netherland
- University of New England, Australia
- Andalas University, Indonesia
- Yunnan Academy of Agricultural Sciences, China
- Yunnan Academy of Social Sciences, China
- Can Tho University, Vietnam
- University of Economics Ho Chi Minh City, Vietnam
- Hue University, Vietnam
- Hue University of Agriculture and Forestry, Vietnam
- Vietnam National University of Agriculture, Vietnam

Steering Committees

- Prof. Dr. Attachai Jintrawet , Faculty of Agriculture, Chiang Mai University
- Prof. Dr. Sanchai Jaturasitha, Faculty of Agriculture, Chiang Mai University
- Assoc. Prof. Dr. Benchaphun Ekasingh , Faculty of Agriculture, Chiang Mai University
- Ruchira Rimphati, Director, HRDI.
- Khon Kaen University (Dr. Terry A. Rambo, Dr. Suchint Simarak)
- Dr. Aurelie Binot, CIRAD, France
- Assoc. Prof. Dr. Sietze Vellema, Wageningen University, the Netherlands
- Assoc. Prof. Dr. Renato Andrin (Rene) Villano, Business School, University of New England, Australia
- Dr. Ir. Feri Arlius, Faculty of Agricultural Technology, Andalas University, Indonesia
- Assoc. Prof. Dr. Nguyen Ngoc De, Collage of Rural Development, Can Tho University, Vietnam
- Assoc. Prof. Dr. Nguyen Thi Minh Hien, Faculty of Economics and Rural Development, Vietnam National University of Agriculture, Vietnam
- Dr. Nguyen Huu, Graduate School, University of Economics, Ho Chi Minh City, Vietnam
- Assoc. Prof. Dr. Bui Thi Tam, Dean, School of Tourism, Hue University, Vietnam
- Prof. Dr. Cai Kui ,Center for Rural Development Studies, Yunnan University
- Prof. Dr. Kang Yunhai, Economic Institute, Yunnan Academy of Social Sciences, China
- Dr. Wolfram Speer, Faculty of Agriculture, Chiang Mai University
- Asst. Prof. Dr. Chanchai Sangchyoswat, Center for Agricultural Resource Systems, Faculty of Agriculture, Chiang Mai University
- Dr. Panomsak Promburom, Center for Agricultural Resource Systems, Faculty of Agriculture, Chiang Mai University
- Assoc. Prof. Dr. Chanakan Prom-U-thai, Faculty of Agriculture, Chiang Mai University
- Asst. Prof. Budsara Limmirankul, Faculty of Agriculture, Chiang Mai University

International Conference on Sustainable Agriculture "System approach for sustainable livelihood and environment"

7-8 December 2017, Chiang Mai, Thailand



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About the conference

As changes in agriculture and farming systems take place all the time ranging from individual to farm level, to the environments of farming and from local to global, understanding the nature of these interconnections and dependencies can be challenging. The international sustainable environment management and rural society will focus on particular kinds of changes such as environmental changes, and social livelihoods). Sustainable environment and society might be challenges for today to living changes with risk and uncertainty.

Our aim of the conference is to expand the uses of systems approach to improve agricultural production systems and natural resource management with emphasis on sustainable environment and rural society. Generate strategic information and technologies to support agricultural production planning and processes, land and water resource rehabilitation and agricultural business management. The conference will also provide platform of sharing knowledge and learning from various academic researchers where to meet the future collaboration. Our concept of sustainable environment and society will cover all various aspects such as climatic smart agricultural systems, sustainable production management in wild ranges of practices etc. with lead to sustainable of rural society

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Conference hosted by:



(<http://www.mcc.cmu.ac.th/>)

Center for Agricultural Resource System Research
Faculty of Agriculture
Chiang Mai University

Call: (66) 053 221275 | [Contact Information](#) (/contact)



International Conference on Sustainable Agriculture "System approach for sustainable livelihood and environment"

7-8 December 2017, Chiang Mai, Thailand



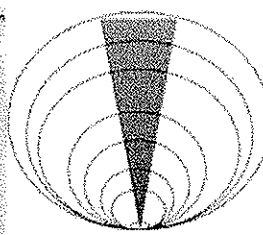
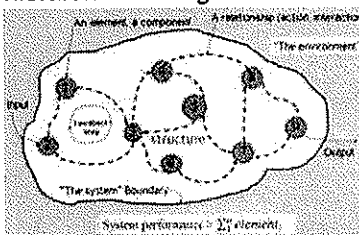
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Themes

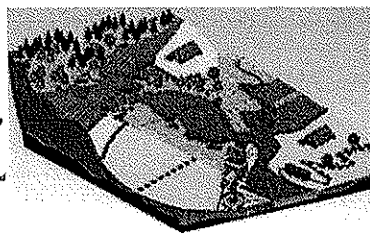
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- 1. Implementation of system approach on agricultural resource management: Farm, regional and national multi-hierarchical linkage
- 2. Climate Smart Agricultural Systems
- 3. Sustainable rural livelihood system (Resilient social ecological system)

1. Implementation of system approach on agricultural resource management: Farm, regional and national multi-hierarchical linkage



Universal
International
National
District/Province
Community
Farm/Household
Plot
Micro climate



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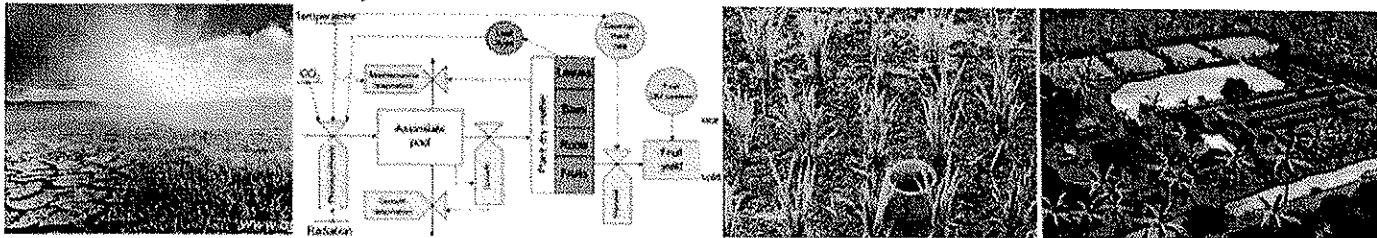
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- f. Area-based agricultural resources management
- g.

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2. Climate Smart Agricultural Systems



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3. Sustainable rural livelihood system (Resilient social ecological system)



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International Conference on Sustainable Agriculture "System approach for sustainable livelihood and environment"

7-8 December 2017, Chiang Mai, Thailand



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Registration

The registration is now open to all participants.

Fee

	Early-Bird	Later
Full participants	US\$ 200	US\$ 250
Participants from ASEAN	US\$ 150	US\$ 200
Students	US\$ 70	US\$ 100

Your detail

First Name

Last Name

Title

Gender

Birthdate

Telephone

Fax

Mobile

Email

Address

Organization/Institution

Job Title/Position

Department

Participation

Dietary Requirement

Allergic to

Hotel Accommodation—Lotus Pang Suan Kaew hotel, Chiang Mai

Room Accommodation

* Room rates are inclusive of tax, service charge and breakfast

** Official rate for this meeting only

Flight Information

(Note: You may send this part on or before November 30, 2017)

Arrival Date

Departure Date

Flight No