



Sustainable  
Uses of Soil  
in Harmony  
with Food Security

17-20 August 2015

The Regent Cha Am Beach Resort,  
Phetchaburi, Thailand

ISC 2015  
*International Soil Conference*



2015  
International  
Year of Soils

## Sustainable Uses of Soil in Harmony with Food Security

*On the Auspicious Occasion for Celebration  
of the International Year of Soils 2015*



### Introduction

It is well known that soil provides almost all basic requirements for life. It supplies essential elements for plant growth and reproduction. Healthy soil underpins crop production and functioning of a wide range of ecosystem services and environment. Over a long period of time, soils have been extensively utilized to serve several purposes. As a result, at present, an emerging of land degradation and land use conflict is remarkable. Though people know the increasing challenge to achieving future food security, they seem not to do enough to conserve and protect this precious resource from degradation and declining of soil productivity. Moreover, this also has brought about unprecedented changes of the environment such as global warming or climate changes. Synergistic approach as well as integrated sustainable management is a deal for scientists and extension workers to put in place and should be agreed by decision makers and land users. To achieve such deal, they basically require tangible contribution of all stakeholders. Thus, it is the duty of soil scientists to call up on the implementation of appropriate technologies, exchanging of successful experience and knowledge sharing. In addition, the policy or decision makers need to find the ways to public participation for taking effective measures to conserve our soil resources. How to do this is one of challenging debates among the participants in the conference.

Land Development Department (LDD), a long-standing government agency under the Ministry of Agriculture and Cooperatives of Thailand who successfully runs a well known "Volunteer Soil-Doctor Program" and promotes sustainable soil management for food security and well being of farmers, would cordially invite scientists from developing and developed countries, academia, practitioners, policy makers, and interested persons to participate in the "International Conference on Sustainable Uses of Soil in Harmony with Food Security". This conference is a part of activities to celebrate the International Year of Soils (IYS) as declared by the United Nations, aiming to welcome contribution of oral presentations and posters from delegates to exchange views and experience in relation to sustainable uses of soils to secure food production of our societies.

#### Organized by



Land Development Department

#### Co-organized by



Food and Agriculture Organization  
of the United Nations



Institut de recherche pour  
le développement



Soil and Water Conservation  
Society of Thailand



Soil and Fertilizer  
Society of Thailand



## List of topics

The conference is divided into 5 topics with sub topics to be addressed as followings:

### Soil information for supporting sustainable uses and management



- Soil information
- Soil classification and mapping
- Land use classification

### Integrated soil management and conservation for food security

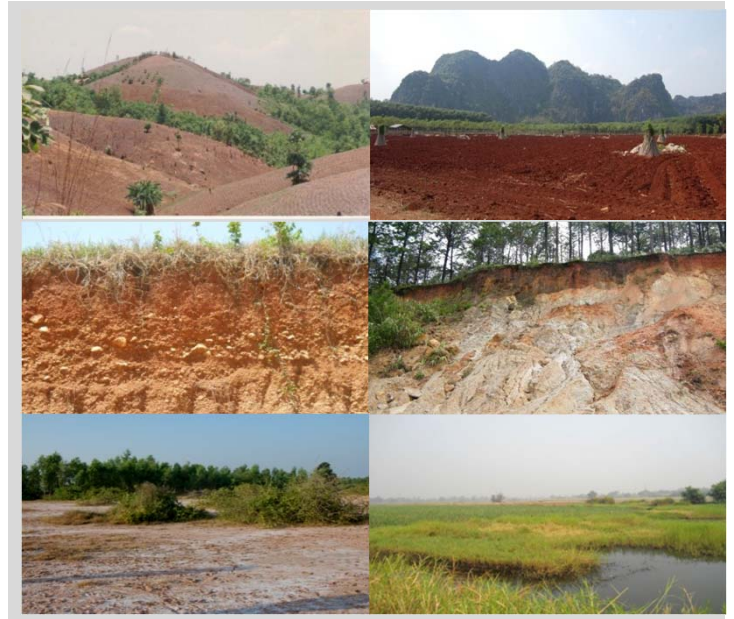


- Soil evaluation
- Soil functional and environmental management
- Soil fertility management
- Land use planning and land use change

### Role of soil ecology in relation to climate change and food security



- Soil organic carbon
- Carbon sequestration
- Biochar
- Soil respiration and GHG emission
- Flood and drought mitigation
- Biomass production



### Innovative techniques and tools for soil resources inventories and appropriate management



- RS and GIS application
- Precision farming
- Portable / Smart application
- Advanced analytical techniques

### Public participation, networking and policy implementation on land management



- Sufficiency economy
- People participation initiatives
- Local initiative and traditional knowledge
- Soil and land management network
- Soil education and public awareness
- Soil and land use conflict management





## Program structure

- Opening statements
- Keynote speakers and Invited speakers
- Contributed papers (oral and poster presentations) for different topics
- General discussion
- Summaries for all majors topics



## Program Schedule

- Monday 17 August Full-day papers and poster presentation
- Tuesday 18 August Full-day papers and poster presentation
- Wednesday 19 August Technical Tour
- Thursday 20 August Half-day papers, conclusion and closing session



## Important Dates

- Deadline for abstract submission 15 February 2015
- Notification of abstract acceptance 15 April 2015
- Deadline for full paper 15 May 2015
- Early bird registration until 31 May 2015 (updated)
- Regular registration 1 June - 31 July 2015
- Final announcement 15 July 2015
- Desk registration 16 - 17 August 2015 (updated)



## Venue

The Conference sessions will be held at Phetchaburi Province, Thailand at the facilities of the Regent Cha Am Beach Resort which is two and a half hours drive from Bangkok and a 15 minutes drive to Hua Hin town. Public bus from Bangkok takes approximately 3 hours. It is 207 km distance to Suvarnabhumi International Airport.



## Social program

- Reception :  
*16 August 2015 (17:00 – 19:00)*
- Farewell Party :  
*19 August 2015 (18:00 – 21:00)*





## Tentative Program

### DAY 0: 16 August 2015

13:00 - 17:00	Registration
17:00 - 19:00	Reception

### DAY 1: 17 August 2015

08:00 - 09:00	Registration
	Hall
09:00 - 10:00	Opening Ceremony
10:00 - 10:30	<i>Coffee Break</i>
10:30 - 11:15	<b>Keynote Speaker 1</b>
11:15 - 12:00	<b>Keynote Speaker 2</b>
12:00 - 13:00	<i>Lunch</i>
	<b>Oral Session 1: Soil information for supporting sustainable uses and management</b>
13:00 - 13:40	Invited Speaker 1
13:40 - 14:20	Invited Speaker 2
14:20 - 14:40	- Speaker 1
14:40 - 15:00	- Speaker 2
15:00 - 15:30	<i>Coffee Break</i>
15:30 - 15:50	- Speaker 3
15:50 - 16:10	- Speaker 4
16:10 - 16:30	- Speaker 5
16:30 - 17:30	<b>Poster Session</b>
18:00 - 19:30	<i>Dinner</i>

### DAY 3: 19 August 2015

08:00 - 17:00	Technical Tour
18:00 - 21:00	Farewell Party



### DAY 2: 18 August 2015

	Conference Room 1	Conference Room 2
	<b>Oral Session 2: Integrated soil management and conservation for food security</b>	<b>Oral Session 3: Role of soil ecology in relation to climate change and food security</b>
08:30 - 09:10	Invited Speaker 3	Invited Speaker 5
09:10 - 09:50	Invited Speaker 4	Invited Speaker 6
09:50 - 10:10	- Speaker 1	- Speaker 1
10:10 - 10:30	- Speaker 2	- Speaker 2
10:30 - 11:00	<i>Coffee Break</i>	
11:00 - 11:20	- Speaker 3	- Speaker 3
11:20 - 11:40	- Speaker 4	- Speaker 4
11:40 - 12:00	- Speaker 5	- Speaker 5
12:00 - 13:00	<i>Lunch</i>	
	<b>Oral Session 4: Innovative techniques and tools for soil resources inventories and appropriate management</b>	<b>Oral Session 5: Public participation, networking and policy implementation on land management</b>
13:00 - 13:40	Invited Speaker 7	Invited Speaker 9
13:40 - 14:20	Invited Speaker 8	Invited Speaker 10
14:20 - 14:40	- Speaker 1	- Speaker 1
14:40 - 15:00	- Speaker 2	- Speaker 2
15:00 - 15:30	<i>Coffee Break</i>	
15:30 - 15:50	- Speaker 3	- Speaker 3
15:50 - 16:10	- Speaker 4	- Speaker 4
16:10 - 16:30	- Speaker 5	- Speaker 5
16:30 - 16:50	- Speaker 6	- Speaker 6
16:50 - 17:10	- Speaker 7	- Speaker 7
18:00 - 19:30	<i>Dinner</i>	

### DAY 4: 20 August 2015

	Hall
08:30 - 09:15	<b>Keynote Speaker 3</b>
09:15 - 10:00	<b>Keynote Speaker 4</b>
10:00 - 10:30	<i>Coffee Break</i>
10:30 - 12:00	Panel Discussion
12:00 - 13:00	<i>Lunch</i>
13:00 - 14:00	Summary
14:00 - 14:30	Closing Ceremony
14:30 - 15:00	<i>Coffee Break</i>

## Registration

Registration fee includes full access to all conference materials, welcoming reception, farewell party, coffee breaks, meals, technical tour as well as proceedings. The accompanying person registration fee includes the technical tour, a welcoming reception, and a farewell party.

	<b>Early Bird Registration</b> (until 31 May 2015)	<b>Regular Registration</b> (1 June - 31 July 2015)	<b>After July Registration</b> (1 - 16 August 2015)	<b>Desk Registration</b> (16 - 17 August 2015)
<b>Participants fee</b>	200 USD	300 USD	400 USD	400 USD or 15,000 Baht in cash only
<b>Accompanying persons fee</b>	150 USD	150 USD	150 USD	150 USD in cash only

**Method of payment:** Bank transfer or by Visa, Mastercard or JCB to Krungthai Bank (Swift code : KRTHTHBK), Phahonyothin 39 Branch. For the Account for International Soil Conference Account number 039-6-03774-7.

## Call for papers

Participants are invited to submit papers for presentation at the conference and publication in the Conference Proceedings. All the papers are requested in English, the official conference language.

Please send your abstract by 15 February 2015 by using the online template at [www.idd.go.th/WEB\\_ISC2015/Index.html](http://www.idd.go.th/WEB_ISC2015/Index.html)





## Cultural Tour *(excluding from registration fee)*

One day tour on 16 August 2015  
 Suvarnabhumi Airport - Emerald Buddha Temple - Royal Palace  
 - The Regent Cha Am Beach Resort

## Technical Tour *(including in registration fee)*



**Route 1 :** Mrigadayavan Palace -  
 Chang-Hua-Mun” Royal Initiative  
 Project - “Chaipattana-Mae FahLuang”  
 Royal Initiative Project



**Route 2 :** “Khao Cha-Ngum” Royal  
 Study Center for Land Degradation  
 Development- Mrigadayavan Palace



### Contact information

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### Conference web page

Please visit Conference web page for update information:  
[www.ldd.go.th/WEB\\_ISC2015/Index.html](http://www.ldd.go.th/WEB_ISC2015/Index.html)

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