



Sustainable
Uses of Soil
in Harmony
with Food Security

ISC 2015

International Soil Conference



2015

International
Year of Soils

17-20 August 2015

The Regent Cha Am Beach Resort,
Phetchaburi, Thailand

Sustainable Uses of Soil in Harmony with Food Security

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



Announcement



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 emergence of land degradation and land use conflict is remarkable. Though people know the increasing challenge to achieving future food security, they seem not to act enough to conserve and protect this precious resource from degradation and soil productivity decline. Moreover, this also has brought about unprecedented changes of the environment such as global warming or climate change. 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 experiences 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 experiences in relation to sustainable uses of soil to secure food production of our societies.

Organized by



Land Development Department

Co-organized by



International Union of Soil
Science



Food and Agriculture Organization
of the United Nations



Institut de recherche pour le
developpement



Asian Development Bank



Soil and Fertilizer Society of
Thailand



Soil and Water Conservation
Society of Thailand



Kasetsart University



List of topics

The conference is divided to 5 topics with sub topics to address as follows:

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
- Soil erosion and conservation
- Water conservation, flood and drought mitigation

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



- Soil organic carbon
- Carbon sequestration
- Biochar
- Soil respiration and GHG emission
- Biomass production
- Soil Biodiversity and soil functions



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 oral and poster presentations for various topics
- General discussion
- Summaries for all major topics



Program Schedule

- **Monday 17 August** Full-day paper and poster presentations
- **Tuesday 18 August** Full-day paper and poster presentations
- **Wednesday 19 August** Technical tour
- **Thursday 20 August** Half-day paper presentation, conclusion and closing.



Important Dates (updated)

- Deadline for abstract submission 15 March 2015
- Notification of abstract acceptance 30 April 2015
- Deadline for full paper submission 30 May 2015
- Early bird registration until 31 May 2015
- Regular registration 1 June - 31 July 2015
- Final announcement 15 July 2015
- Desk registration 16 - 17 August 2015



Venue

The Conference 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 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
	The Hall
09:00 - 10:00	Opening Ceremony
10:00 - 10:30	Coffee Break
10:30 - 11:15	Keynote Speaker 1
11:15 - 12:00	Keynote Speaker 2
12:00 - 13:00	Lunch
	Session 1: Soil information for supporting sustainable uses and management
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	Coffee Break
15:30 - 15:50	- Speaker 3
15:50 - 16:10	- Speaker 4
16:10 - 16:30	- Speaker 5
16:30 - 17:30	Poster Session
18:00 - 19:30	Dinner

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
	Session 2: Integrated soil management and conservation for food security	Session 3: Role of soil ecology in relation to climate change and food security
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	Coffee Break	
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	Lunch	
	Session 4: Innovative techniques and tools for soil resources inventories and appropriate management	Session 5: Public participation, networking and policy implementation on land management
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	Coffee Break	
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	Dinner	

DAY 4: 20 August 2015

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

Registration

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

	Early Bird Registration (until 31 May 2015)	Regular Registration (1 June - 31 July 2015)	Late Registration (1 - 16 August 2015)	Desk Registration (16 - 17 August 2015)
Participant	200 USD	300 USD	400 USD	400 USD or 15,000 Baht in cash only
Accompanying person	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 papers should be written in English, the official conference language.

Please send your abstract by 15 March 2015 by using the online template at www.idd.go.th/WEB_ISC2015/Index.html.





Cultural Tour (excluding from the 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 the registration fee)



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



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



Contact information

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(registration and general matters)

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Conference web page

Please visit Conference web page for update information:
www.ldd.go.th/WEB_ISC2015/Index.html

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