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International Conference on Southeast Asian Weather and Climate 2013

"ASEAN Adapting Climate Change"



ที่ สข ๑๐๕๕๖/ ๑ ๐๒๕๕๖

๑ ถนนรัตนโกสินทร์
ตำบลวัดเกต อำเภอเมือง
จังหวัดเชียงใหม่ ๕๐๐๐๐

๑ พฤษภาคม ๒๕๕๖

เรื่อง เรียนเชิญเข้าร่วมการประชุมทางวิชาการนานาชาติ ว่าด้วยสภาพอากาศและภูมิอากาศ เอเชียตะวันออกเฉียงใต้
(The 2nd International Conference on Southeast Asian Weather and Climate), (ICSA-WC2013)

เรียน อธิการบดีมหาวิทยาลัยเทคโนโลยีราชมงคลอีสาน

สิ่งที่ส่งมาด้วย รายละเอียดโครงการการประชุมวิชาการนานาชาติ ว่าด้วยสภาพอากาศและบรรยากาศ
ในเอเชียตะวันออกเฉียงใต้ จำนวน ๑ ชุด

ด้วยมูลนิธิต้นไม้สีเขียวร่วมกับ มหาวิทยาลัยราชภัฏเชียงใหม่ ศูนย์อุตุนิยมวิทยาภาคเหนือ องค์การพิพิธภัณฑ์
วิทยาศาสตร์แห่งชาติ สถาบันส่งเสริมการสอนวิทยาศาสตร์และเทคโนโลยี กรมฝนหลวงและการบินเกษตร Yunnan
Province Meteorological Society ประเทศสาธารณรัฐประชาชนจีน และ Queensland University of Technology
ประเทศออสเตรเลีย ได้กำหนดจัดการประชุมทางวิชาการนานาชาติ ว่าด้วยสภาพอากาศและภูมิอากาศเอเชียตะวันออกเฉียงใต้
(The 2nd International Conference on Southeast Asian Weather and Climate), (ICSA-WC2013) ระหว่าง
วันที่ ๒๗-๒๙ พฤศจิกายน ๒๕๕๖ ณ โรงแรมเลอเมอริเดียน เชียงใหม่ (Le Meridien Hotel, Chiang Mai)

ทั้งนี้เพื่อให้เกิดประโยชน์ทั้งทางวิชาการ และการพัฒนางานวิจัยในด้านที่เกี่ยวข้อง จึงขอเรียนเชิญผู้บริหาร
คณาจารย์ นักวิจัย นักวิชาการ นุคกลาง และผู้ที่สนใจในสถาบันของท่าน เข้าร่วมการประชุมดังกล่าว ตามรายละเอียด
ในสิ่งที่ส่งมาด้วย โดยสามารถรับข้อมูลเพิ่มเติม และลงทะเบียนเข้าร่วมประชุมได้ที่ www.icsaforum.org

จึงเรียนมาเพื่อโปรดพิจารณา

เรียน อธิการบดี มหาวิทยาลัยเทคโนโลยีราชมงคลอีสาน
เพื่อโปรดพิจารณา
อธิการบดี
31.5.56

ขอแสดงความนับถือ

(ศาสตราจารย์เกียรติคุณ ดร.มนัส สุวรรณ)

ประธานคณะกรรมการจัดการประชุมฯ



ดร. ว. ร. ๒๐๑๕๓๖๗

ว/กส.

๑๗ ต.ค. ๕๖

ฝ่ายประสานงาน ดร.ณรงค์พันธ์ จูรัมย์ โทร. ๐ ๙๒๐๓ ๔๕๔๑ ๕
คุณ ประเมษฐ์ บันสิทธิ์ โทร. ๐ ๙๑๗๕ ๖๒๖๒ ๕ , ๐ ๙๑๑๗ ๐๖๖๗ ๗
มูลนิธิต้นไม้สีเขียว โทร. ๐ ๕๓๒๔ ๐๗๓๓



ICSA WC 2013

International Conference on Southeast Asian Weather and Climate 2013

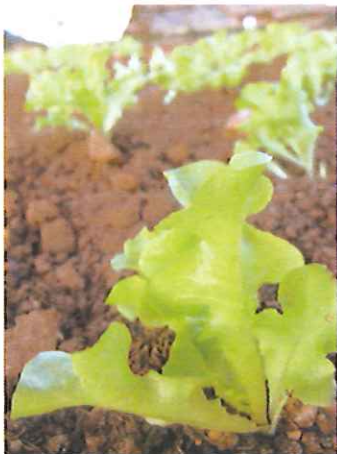
The Best Conference, The Best Workshop, The Best Activity, The Best Topic.
At the Best Location



November 27 - 29, 2013

Chiang mai, Thailand.

"ASEAN Adapting to Climate Change"



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International Conference on Southeast Asian (ICSA) Weather and Climate 2013



Climate change worldwide has affected ecosystems, resulting in increasingly destructive natural disasters, and severe impacts on the global production systems involving millions of people

The International Conference on Southeast Asian (ICSA) Weather and Climate 2013

ICSA 2013 will bring together scientists and practitioners working on adaptation to the impacts of climate change. The conference will create an ASEAN forum with the aim of fostering a creative dialogue among policy makers and practitioners. The focus of this

scientific conference is the assessment of the current research on climate change within the ASEAN community. The conference will help to identify the possible adaptation and mitigation options and strategies for policy makers based on research findings and experience.

The conference is being organized by an International Committee for Southeast Asia

membership of which includes representatives from the Chiang Mai Rajabhat University, Green Tree Foundation, Northern Meteorological Center, National Science Museum, The Institute for the Promotion of Teaching Science and Technology, The Royal Rainmaking and Agricultural Aviation Department, Yunnan province Meteorological Society (China), and Queensland University of Technology (Australia).



About the conference

Climate change worldwide has affected ecosystems, resulting in increasingly destructive natural disasters, and severe impacts on the global production systems involving millions of people. Earth's temperature has increased on average 0.2 degrees Celsius per decade over the past 30 years. This has caused seasonal changes and more frequent and severe natural disasters, including floods, earthquakes, landslides, storms, droughts and forest fires. Ecosystems in many areas have become vulnerable, leading to loss

of biodiversity. The earth's surface has undergone physical change, including coastal erosion and a rise in sea level, resulting in the forced migration of coastal communities and damages to infrastructure, tourist areas, and high-investment industrial zones. Global warming has created water shortages and has increased epidemics of infectious diseases. In the long run, worldwide climate change will become more and more extreme and will aggravate food shortages. Southeast Asia is especially vulnerable because agricultural crops are a major source of income for these economies.

International Conference on Southeast Asian Weather and Climate 2013 will be held in Chiang Mai, Thailand, from November 27-29, 2013. It is expected that the International Conference will, apart from building a database and information system on climate change, help in finding appropriate cost-effective solutions to problems arising from climate change.

Organizar and governance

The conference is being organize and managed by the International Committee for Southeast Asia members from the following countries and organisation:

- | | |
|------------------|---|
| Thailand | Chiang Mai Rajabhat University
Green Tree Foundation
Northern Meteorological Center
National Science Museum
The Institute for the Promotion of Teaching Science and Technology
The Royal Rainmaking and Agricultural Aviation Department |
| China | Yunnan Province Meteorological Society, China |
| Australia | Queensland University of Technology, Australia |

Scope of the conference

The main theme of the conference is ASEAN adapting to climate change. Major topics to be covered will include the following 5 sessions:

Session 1. Science of Weather and Climate

- 1.1 Physics of weather and climate models.
- 1.2 Activity characteristics of Asian monsoons in Southeast Asia.
- 1.3 Scientific issues on weather and climate in low-latitude plateau areas.
- 1.4 Study of the theoretical basis and new methods for extended forecasting.
- 1.5 Role of aerosol in climate change

Session 2. Natural Disaster Impacts of Climate Change

- 2.1 Weather factors that contribute to disasters
- 2.2 Cost-effectiveness of disaster risk reduction as an adaptation measure
- 2.3 Cultural response to climate change and natural disaster

Session 3. Agricultural Impacts of Climate Change

- 3.1 Analysis of the impacts of climate change on agriculture
- 3.2 Sustainability of agricultural production systems
- 3.3 Human health and food security

Session 4. Adaptation to Climate Change

- 4.1 Economic
- 4.2 Social
- 4.3 Environment
- 4.4 Culture and wisdom

Session 5. Climate Change Education

- 5.1 Curriculum and content
- 5.2 Implementation in school
- 5.3 Research in climate change education
- 5.4 Climate change awareness and society



Committee

Conference Chairman

1.1 Chair

Professor Dr Manat Suwan, Associate Fellow of the Royal Institute, and Head of the Advisory Committee, Green Tree Foundation, Thailand

1.2 Co-Chair

1. Professor Wang Hunjun, Director-general of Institute of Atmospheric physics, Chinese Academy of Sciences, China
2. Professor Dr Richard Deming, Department of Chemistry & Biochemistry, California State University Fullerton, USA
3. Professor Dr Acram Taji, Director- International Graduate Research, Queensland University of Technology, Australia

Advisory Committee

1. General Chavalit Yongchaiyudh, Former Prime Minister, Kingdom of Thailand
2. Chair Professor Dr Pichit Suwanprakorn, President of Pan Rajthevi Group (PCL), Thailand
3. Associate Professor Dr Prapan Thumachai, President of Chiang Mai Rajabhat University, Thailand
4. Ms Ornnaree Janthawanit, President of Green Tree Foundation, Thailand

Steering Committee

1. Dr Pichai Sonchaeng, President of National Science Museum,
2. Assistant Professor Dr Orapin Siriboonma, Vice President of Chiang Mai Rajabhat University, Thailand
3. Dr Pornpun Waitayangkoon, President of The Institute for the Promotion of Teaching Science and Technology, Thailand
4. Mr Warawut Khantiyanan, Acting Director-general of the Royal Rainmaking and Agricultural Aviation Department, Thailand
5. Mr Charoon Laohalertchai, Director of Northern Meteorological Center, Thailand
6. Mr Photchana Srisenlapanan, Vice President of Green Tree Foundation, Thailand
7. Professor Dr Ju Jianhua, Deputy director-general of Yunnan Province Meteorological Society, China
8. Professor Dr Acram Taji, Director- International Graduate Research, Queensland University of Technology, Australia

Academic Committee

Science of Weather and Climate

➤ Chair

Professor Dr Ju Jianhua, Deputy director-general of Yunnan Province Meteorological Society, China

➤ Co-Chair

Professor Dr Yang Xiuqun, Dean of the School of Atmospheric Science, Nanjing University, China

Natural Disaster Impacts of Climate Change

➤ Chair

Dr Pichai Sonchaeng, President of National Science Museum, Thailand

➤ Co-Chair

Professor Dr Li Yongxiang, Yunnan Academy of Social Sciences, China

Agricultural Impacts of Climate Change

➤ Chair

Professor Dr Acram Taji, Director- International Graduate Research, Queensland University of Technology, Australia

➤ Co-Chair

Assistant Professor Dr Kaltima Phichai, Dean of the Faculty of Science and Technology, Chiang Mai Rajabhat University, Thailand

Adaptation to Climate Change

➤ Chair

Professor Dr Manat Suwan, Associate Fellow of the Royal Institute, and Head of the Advisory Committee, Green Tree Foundation, Thailand

➤ Co-Chair

Dr Tanavich Chindapradist, Advisory Committee of Green Tree Foundation, Thailand

Climate Change Education

➤ Chair

Dr Pornpun Waitayangkoon, President of The Institute for the Promotion of Teaching Science and Technology, Thailand

➤ Co-chair

Associate Professor Dr Charlie Navanugraha, Dean of the Faculty of Environment and Resource Studies, Mahasarakham University, Thailand

Conference Secretariat

1. Assistant Professor Dr Tammakit Tammo, Vice President of Chiang Mai Rajabhat University, Thailand
2. Mr Pawramet Bansit, General Secretary of Green Tree Foundation, Thailand
3. Dr Narongpan Chunram, Director of Atmospheric Research Center, Chiang Mai Rajabhat University, Thailand
4. Coordinator, Chiang Mai Rajabhat University, Thailand
5. Coordinator, Green Tree Foundation, Thailand
6. Coordinator, National Science Museum, Thailand
7. Coordinator, The Institute for the Promotion of Teaching Science and Technology, Thailand
8. Coordinator, The Royal Rainmaking and Agricultural Aviation Department, Thailand
9. Coordinator, Northern Meteorological Center, Thailand
10. Ms Manida Panjasuwan, Green Tree Foundation, Thailand

Important Dates

Important Dates	
Events	Dates
Call for Abstracts announced	May 1, 2013
Early Registration opens	June 15, 2013
Abstract Submission Deadline	September 15, 2013
Acceptance Notification	September 30, 2013 or earlier
Early Registration ends	November 1, 2013
Conference	November 27-29, 2013

Venue

Convention Hall, Le Meridien Hotel & Convention, Chiang Mai.



108 Chang Klan Road, Tambol Chang Klan, Amphur Muang, Chiang Mai, 50100 Thailand

L MERIDIEN
CHIANG MAI



Accommodation

The local ICSA committee is also planning to arrange accommodation for the participants of the Conference at concessional rates. Participants can contact conference office (+66) 53 240 733, email: info@gtf.or.th for confirmed booking of the accommodation after remittance of the registration fee.

	<p>MERIDIEN CHIANG MAI</p>
	<p>CENTARA CHIANG MAI HOTEL CHIANG MAI</p>
	<p>PRINCESS CHIANG MAI</p>
	<p>The IMPERIAL MAE PING HOTEL CHIANG MAI</p>
	<p>SURIWONGSE Hotel Chiang Mai</p>
	<p>Royal Lanna Hotel NIGHT BAZAAR CHIANG MAI</p>
	<p>KHUM PIEWA CHIANG MAI</p>

Travel Support

All efforts will be made to provide partial travel support and local hospitality for selected national and international participants of the International Conference at Chiang Mai and more. Contact: Conference office.

Official web site: <http://www.icsaforum.org>

[facebook.com/icsawc2013](https://www.facebook.com/icsawc2013)

Registration Fees

Thai Nationals	Rate (THB)*		
	Before August 31, 2013	Before October 31, 2013	November 1-29, 2013
Participant	2,000	2,500	3,000
Student	1,000	1,250	1,500
Foreign Nationals	Rate (USD)*		
	Before August 31, 2013	Before October 31, 2013	November 1-29, 2013
Participant	200	250	300
Student	100	125	150

***Registration fee includes:** Attendance at all conference working sessions, 6 coffee breaks and 3 lunches, gift and conference kit, an Abstract Book and Conference Proceedings CD, Banquet reception dinner on November 27, 2013 (alcoholic drinks not included).

***For Thai Student should be pay more 1,000 THB for banquet reception dinner ticket.**

PAYMENT AT CONFERENCE: Please provide exact payment in either US Dollars or in Thai Baht at the conference registration tables. Credit cards, other currencies, or on-site transfers will not be accepted

Conference Office

Green Tree Foundation

1 Rattanakosin Rd, WatKet , Muang,

Chiang Mai 50000

Thailand

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Tel: (+66)(82) 034 5419

E-mail: coordinator1@icsaforum.org

Organised By

	The Royal Rainmaking and Agricultural Aviation Department
	Green Tree Foundation
	The Institute for the Promotion of Teaching Science and Technology
	National Science Museum
	Chiang Mai Rajabhat University
	Northern Meteorological Center
	Yunnan Province Meteorological Society China
	Queensland University of Technology Australia