



## **13<sup>TH</sup> INTERNATIONAL LONG-TERM ECOLOGICAL RESEARCH - EAST ASIA-PACIFIC REGIONAL NETWORK REGIONAL CONFERENCE (2020 IILTER-EAP)**

**6-12 September 2020**

**Kasetsart University, Bangkok in Thailand**

### **INTRODUCTION**

There are growing needs to broaden and deepen our multi-faceted understanding of the ecosystems. Therefore, the International Long-Term Ecological Research Network (ILTER) was established in 1993 as a global network of field research sites and scientists to address current ecological issues in a globally changing environment, e.g., biodiversity loss and ecosystem degradation. In 1995, the IILTER East Asia-Pacific Regional Network (IILTER-EAP) was established as one of the four regional networks that comprise IILTER. IILTER-EAP has been developed to promote data sharing, research collaborations and capability building in the science and to bridge gaps between societal needs and scientific imperatives on concerns in the Asia-Pacific Region from long-term perspectives. Currently, IILTER-EAP consists of eight formal IILTER members (Thailand IILTER, Chinese Ecosystem Research Network, Korea LTER Network, Taiwan Ecological Research Network, Japan LTER Network, Philippines LTER Network, Terrestrial Ecosystem Research Network of Australia, and Malaysia LTER Network) and three associate networks (Lao PDR LTER Network, Mongolian LTER Network and Vietnam LTER Network). There are over 160 sites across the EAP regions, and a few thousands of scientists are involved in the IILTER-EAP. Thus, regional research questions were identified that can be better tackled with common research platform, integrated data management system and the network science, which is open to all interested parties.

Nevertheless, long-term ecological and social data monitoring requires sound data collection over large temporal and spatial scales in order to inform policy and conservation management. To meet effectively collective obligations towards biodiversity conservation and monitoring, citizen or community science programs, can make valuable contributions to data collection and analyses. Moreover, citizen science has potential in some or all aspects of environmental assessments.

### **OBJECTIVES**

IILTER-EAP organizes its biannual regional conference to share new information and knowledge in various ecosystems in the EAP region, as well as to discuss further research collaboration among the member networks and participating researchers. At the last

ILTER-EAP Coordination Committee meeting held in Taiwan, October 2018, the Committee decided to hold the 13<sup>th</sup> Conference in Bangkok, Thailand. In 2020.

The 13<sup>th</sup> ILTER-EAP Conference aims to:

- Create a platform for the scientists in- and outside ILTER – EAP to present their research progresses, findings and innovative ideas
- Provide a forum for the exchange of views, dissemination of ideas and the development of possible future collaborations between the local and international scientists and practitioners
- Promote long-term ecological and social research and sustainable natural resources management in East Asia-Pacific region and in Thailand particularly.

## CONFERENCE THEME

### **Community Science in supporting long-term ecological-social monitoring systems**

#### **Sub-themes: (parallel sessions)**

1. Changes of biodiversity and its services under climate, land use and societal changes
2. Biogeochemical and eco-hydrological dynamics of ecosystems in changing environments
3. Navigating ecological understanding to society by community science
4. Other ILTER research

Note: These sub-themes include topics of LTER science, ideas on ecosystem research infrastructures, new technologies in ecological research, cooperation with citizen science, engagement of stakeholders, emerging research ideas for regional-scale LTER science.

#### **Plenary (wrap up) session after the parallel sessions:**

1. Development of integrated research projects along climatic gradients in EAP region
2. Connection, co-design, and implementation of community LTER science

## INVITED SPEAKERS

- 1) Prof. Dr. Hiroyuki Muraoka ( River Basin Research Center, Gifu University, Japan and Chair of ILTER-EAP): ***Role of ILTER-EAP in local - regional - global perspective on biodiversity and ecosystem observations***
- 2) Dr. Ruey-Shing Lin (Division Chief of Habitats and Ecosystems, Endemic Species Research Institute, Taiwan): ***Role of citizen science in monitoring biodiversity in Taiwan***
- 3) Dr. Vijak Chimechome, Faculty of Forestry, Kasetsart University, Thailand (Secretary of Hornbill Research Foundation, Thailand): ***Role of community in long-term hornbill research & conservation in SEA***

## INFORMATION MANAGEMENT WORKSHOP

Besides the conference program, the Information Management Committee and the Science Committee of ILTER-EAP jointly organize “*Biodiversity Data Management and Data Visualization via Web-based GIS*” on 6-7 September 2019 conducted by Dr. Chau Chin Lin (President of Society of Subtropical Ecosystem in Taiwan), Omarali B. Abdul Rahim Chair, IM Committee) and IM experts in the EAP region.

### EXPECTED PARTICIPANTS 100 PERSONS

The estimated number of participants from overseas (e.g., ILTER Network members, ASEAN, EU and USA) is 40 persons and Thai participants is estimated at 50-60 persons.

### VENUE & TENTATIVE SCHEDULE:

IM Workshop	6-7 September 2020	Faculty of Forestry, Kasetsart University
Scientific conference and poster	8-9 September 2020	Faculty of Forestry, Kasetsart University
Business meeting (ILTER-EAP members)	10 September 2020 (morning session)	Faculty of Forestry, Kasetsart University
Field excursion	10-12 September 2020	Had Wanakorn Field Practice Station and Kuiburi National Park, Prachuab Khirikhan Province

### ABSTRACT SUBMISSION

We welcome your presentations either by oral style or poster style, on the topics related to this conference. Please prepare an abstract not exceed 250 words (MS Word format, Arial 12). It should contain title, author details and a brief presentation of the work to be presented. Submission of abstract is preferred by electronic means.

Abstract Proceedings and compilation of poster presentations will be provided to all registered participants. In addition, selected abstracts will be invited to publish full research papers in scientific journal (optional). We plan to organize a special issue on Scopus or ISI listed journals in order to promote exchange of information and knowledge related to the conference topics. More details will be informed later

## REGISTRATION FEE

IM Workshop: UDS 70 (incl. lunch, coffee and materials)  
Scientific program: USD 120 (incl. lunch and inception) Early registration USD 100  
Field excursion: USD 100 (incl. meals, accommodation and transportation)  
Business meeting: No registration (close meeting)

*Limited financial support will be provided to participants from developing countries.*

## IMPORTANT DATES

First Announcement : December 2020  
Abstracts Due : March 2020  
Accepted Abstracts Notification : April 2020  
Notification for oral and poster  
Presentations : July 2020  
Early registration/payment : July 2020  
Regular registration/payment : August-September 2020

## COMMITTEES

### Conference Co-chairs

- Prof. Dr. Yongyut Trisurat, Faculty of Forestry, Kasetsart University, Thailand
- Prof. Dr. Hiroyuki Muraoka, Professor, River Basin Research Center, Gifu University, Japan

### Advisory Committee

- Director General of the Department of National Parks, Wildlife and Plant Conservation
- Dr. Nikhom Laemsak, Dean of the Faculty of Forestry, Kasetsart University
- Prof. Dr. Hideaki Shibata, Chair of ILTER Network, Chair of JaLTER, Hokkaido University, Japan

### Scientific Committee

- Prof. Dr. Hiroyuki Muraoka, Gifu University, Japan; Chair of ILTER-EAP Network, Vice-chair of JaLTER
- Prof. Dr. Yongyut Trisurat, Thailand LTER
- Dr. Berry Morris, Director of Terrestrial Ecosystem Research Network (TERN), Australia
- Dr. Nur Hajar Zamah Shari, Forest Research Institute Malaysia (FRIM), Malaysia LTER
- Prof. Dr. Ohseok Kwon, Kyungpook National University, Korea LTER
- Dr. Chiao-Ping Wang, Taiwan Ecological Research Network, TERN
- Prof. Dr. Victor Amoroso, Central Mindanao University, Philippines. PhiLTERnet
- Prof. Dr. Xiubo Yu, Chinese Ecosystem Research Network (CERN)
- Prof. Dr. Nguyen Kim Loi, Research Center for Climate Change, Nong Lam University, Ho Chi Minh City, Vietnam

- Assoc. Prof. Dr. Nguyen Hong Quan, Institute for Environment and Resources, Vietnam National University – Ho Chi Minh City, Vietnam

### **Local organizing committee**

- Prof. Dr. Yongyut Trisurat, Thailand LTER
- Assoc. Prof. Dr. Ronglarp Sukmasuang, Faculty of Forestry, Kasetsart University
- Assoc. Prof. Dr. Naris Bhumpakphan, Faculty of Forestry, Kasetsart University
- Assist. Prof. Wichan Eiadthong, Faculty of Forestry, Kasetsart University
- Assoc. Prof. Dr. Dokrak Marod, Faculty of Forestry, Kasetsart University
- Assist. Prof. Dr. Nisa Leksungnorn, Faculty of Forestry, Kasetsart University
- Dr. Suwimon Uthairatsamee, Faculty of Forestry, Kasetsart University
- Assoc. Prof. Dr. Chatchai Ngoensaengsuay, Faculty of Science, Kasetsart University
- Assoc. Prof. Dr. Sura Pattanakiat, Faculty of Environmental Science, Mahidol University
- Dr. Nanthida Sutummawong, Taksin University, Thailand
- Mr. Suchart Kalyawongsa, Royal Forest Department, Thailand
- Mr. Thannarin Na Nakhon, Department of National Parks, Wildlife and Plant Conservation

### **Conference Partners**

- Department of National Parks, Wildlife and Plant Conservation
- Royal Forest Department
- Hornbill Research Foundation, Thailand

## **TENTATIVE PROGRAM**

### **Day 0**

- Arrival of participants (Suvarnabhumi Airport or Don Mueng Airport)
- Recommended accommodations:
  - Faculty Guesthouse (funded participants)
  - KU Home (Baht 1,200/night) 300 m to the meeting venue
  - Maruay Garden (baht 1,500/night) 400 m to the meeting venue

### **IM WORKSHOP**

#### **6 September 2020**

- |               |                              |
|---------------|------------------------------|
| 12.00-13.00   | Registration for IM Workshop |
| 13.00 – 17.00 | IM Workshop                  |

#### **7 September 2020**

- |             |             |
|-------------|-------------|
| 08.30-17.00 | IM Workshop |
|-------------|-------------|

## **CONFERENCE PROGRAM**

#### **8 September 2020**

- |             |   |
|-------------|---|
| 08.00-09.30 | Registration  |
| 09.30-10.30 | Opening session   |
|             | Welcome remarks   |
|             | <ul style="list-style-type: none"> <li>• Dean of the Faculty of Forestry</li> <li>• Chair of ILTER-EAP</li> <li>• Chair of ILTER</li> </ul> |

Opening remarks  
• KU President  
Group photo  
10.30-11.00 Coffee break  
  
11.00 – 12.00 Keynote presentation 1: Prof. Hiroyuki Muraoka  
  
12.00-13.00 Lunch  
  
13.00 – 15.00 Parallel sessions (4 sessions)  
  
15.00-15.30 Coffee break  
  
15.30-17.00 Parallel sessions (4 sessions)  
  
17.00-18.00 Poster session  
  
18.00-20.00 Welcome Dinner (TBD)

### **9 September 2020**

09.00-10.30 Keynote presentations (community science)  
Keynote 2: Dr. Vijak Chimechome  
Keynote 3: Dr. Ruey-Shing  
10.30 – 11.00 Coffee break  
11.00-12.30 Parallel sessions (4 sessions)  
12.30 – 13.30 Lunch  
13.30-15.00 Parallel sessions (4 sessions)  
15.00-15.30 Coffee break  
15.30-16.30 Plenary (wrap up) session  
17.00 Closing

### **10 September 2020**

#### **ILTER-EAP Business meeting, venue – Faculty of Forestry, KU**

08.30-09.30 - Registration  
09.30-09.45 Welcome  
• Dean of KUFF  
• Chair of ILTER-EAP  
• Group photo  
09.45 – 12.30 Provisional meeting agenda (tentative)  
• Adoption of meeting agenda  
• Follow-up of meeting in 2019 and up-date of member network activities  
• Other activities – International Ecological School (IES)  
• Nomination and election of ILTER-EAP Chair for September 2020 - 2022  
• Updates of science committee and information management committee  
• Next meeting(s)

- Other business
- Adjourn

12.30-13.30 Lunch

**Field Excursion**

13.30-17.00 Departure to Hadwanakorn Field Practice Station, Prachuap Khorikhan Province (320 km)

**11 September 2020**

09.00-15.00 Visit Kuiburi National Park, Prachuab Khirikhan Province

15.00-18.00 Free time at the beach

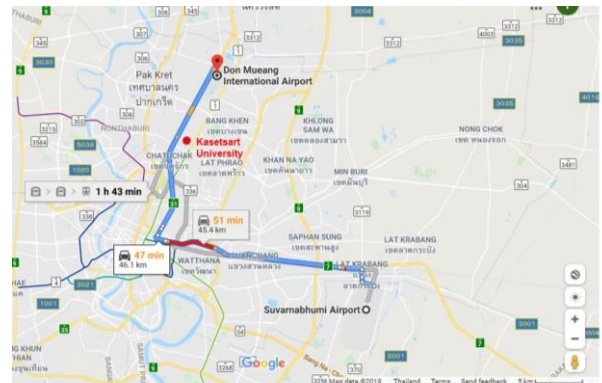
18.00-20.00 Dinner (sea food)

**12 September 2020**

10.30 Departure to Bangkok and Airports

12.00 Lunch along the way

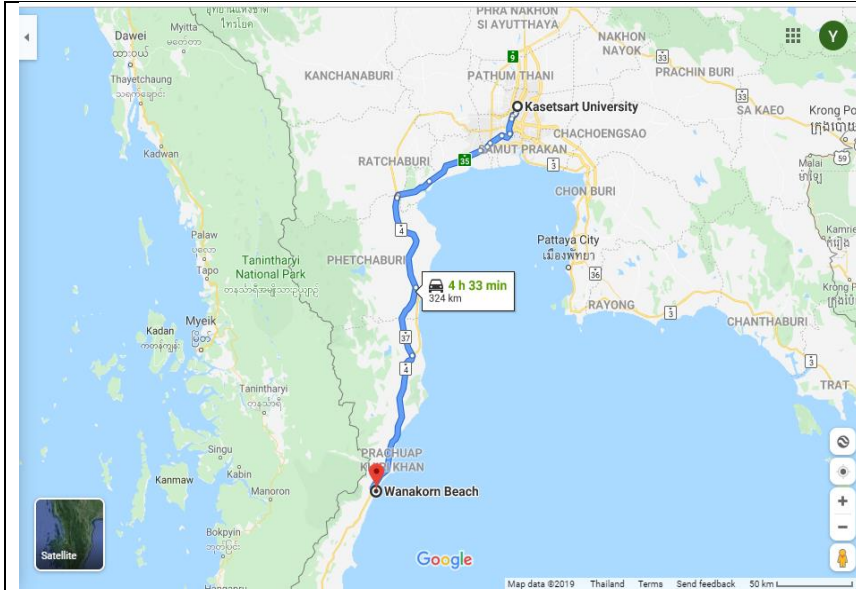
16.00 Arrival at airports  
End of program



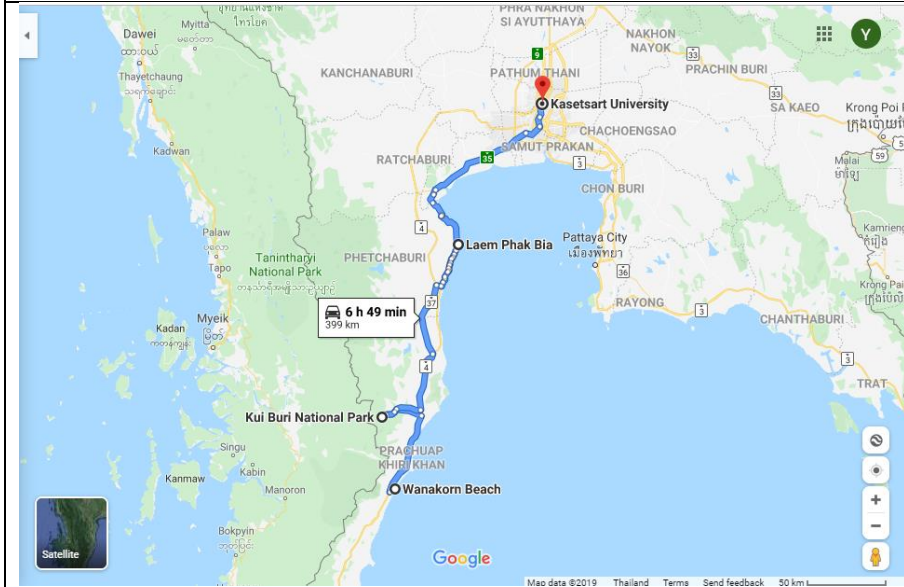
Meeting hall for science meeting



ILTER-EAP Business meeting room



Distance from Kasetsart University to Hadwanakorn is approx.. 320 km (4 hrs drive)



Distance Hadwanakorn to Kuiburi National Park approx.. 90 km (1.5 hrs drive)

Distance Hadwanakorn is to Airports approx.. 330 km (4.5 hrs drive)





Had Wanakorn beach



Accommodation at Had Wanakorn



Kuiburi National Park



Managing wildlife-human conflicts through local participation

### Further information contact

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