

## TENTATIVE INTERNATIONAL CONFERENCE PROGRAM

on

### Ecological Security:

### Climate Change and Socio-economic Policy Development Implications in the GMS

9-11 October, 2011, at Chiang Saen Conference Room, Mae Fah Luang University (MFU)

Chiang Rai, Thailand

**Master of Ceremonies:** *Dr. Phunrawie Promnart* (School of Science, MFU)

#### Day 1 (Sunday, 9 October 2011)

18.00-20.00 **Welcome Reception Dinner**

(Hosted by MFU at Ruan Rim Nam Restaurant,  
next to the campus football stadium and Wanawes Guesthouse)

#### Day 2 (Monday, 10 October 2011)

08:30-09:00 **Registration**

09:00-09:25 **Opening Ceremony**

09:00-09:10 **Welcome Address**

*Dr. Hansa Sanguanno* (Director of NREM Center, MFU)

09:10-09:25 **Opening Speech**

*Dr. Vanchai Sirichana* (President, MFU)

09:25-12:15 **International and Regional Perspectives**

09:25-10:40 **Keynote Lecture Session**

**Chairperson:** *Dr. Hansa Sanguanno*

09:25-09:50 **Keynote Lecture 1:** Aquaculture and Food Security.

*Prof. Dr. Piamsak Menasveta* (Office of the National Research Council of  
Thailand, NRCT)

09:50-10:15 **Keynote Lecture 2:** Climate Change and Food Security.

*Dr. Bhichit Rattakul* (Asian Disaster Preparedness Center, ADPC)

10:15-10:40 **Keynote Lecture 3:** Watershed Ecological Carrying Capacity Analysis:  
A Case Study of Lam Phra Phloeng Sub-basin of Mekong, Thailand

*Dr. Kampanad Bhaktikul* (Mahidol University)

10:40-10:55 **Coffee Break**

10:55-11:20 Transnational Water Governances

*Prof. Dr. Thaweewong Sri Buri* (Chulalongkorn University)

11:20-11.45 Apply Ridge to Ridge Principle to Management and Conservation of Coastal Zone:  
Case Study by North Andaman Coast

*Mr. Somsak Soonthornnawaphat* (IUCN Thailand)

- 11:45-12.15 Politics of Climate Change Adaptation in Thailand  
*Dr. Danny Marks* (Rockefeller Foundation)
- 12:15-13:00 Lunch** (Ground Floor, A/D Building)
- 13:00-17:25 Regional and Local Perspectives from GMS/UniNet and other Organizations**
- 13:00-13:25 Evaluating Ecological Security in ESIA Studies  
*Dr. Richard Frankel* (NREM Center, MFU)
- 13:25-13:50 Perspectives of Green Marketing for Ecological Security in GMS  
*Ms. Lijun Zhou and Prof. Dr. Dequn Zhou* (Kunming University and Kunming University of Science and Technology, P.R. China)
- 13:50-14:15 [To be updated]  
*Mr. Samard Doungwichitkul* (Geo-Informatics and Space Technology Development Agency, GISTDA)
- 14:15-14:40 Application of Ecosystem Service Perspective in Conservation and Restoration of Wetlands in Vietnam  
*Dr. Hoang Thi Thu Huong* (Hanoi University of Science and Technology, Vietnam)
- 14:40-15:05 Fruit Diseases and Quarantine between Thailand and China  
*Prof. Dr. Dequn Zhou and Dr. Yinghui Cheng* (Kunming University of Science and Technology and Shenzhen Entry-Exit Inspection and Quarantine Bureau, P.R. China)
- 15:05-15:20 Coffee Break**
- 15:20-15:45 European Policies to Fight Climate Change Experiences with Efficiency and Renewable Energy  
*Prof. Dr. Arne Remmen* (Aalborg University, Denmark)
- 15:45-16:10 Energy Recycle for Climate Change Adaptation  
*Dr. Sirintornthep Towprayoon* (King Mongkut's University of Technology Thonburi)
- 16:10-16:35 Rethinking Urban Storm Water Management in Vientiane City  
*Mr. Daophet Aroun and Dr. Soukanh Chithpanya* (Vientiane Capital Municipality and National University of Laos, Lao PDR)
- 16:35-17:00 Dynamics of Dissolved Carbon Dioxide in the Inner Gulf of Thailand  
*Dr. Thanomsak Boonphakdee* (Burapha University)
- 17:00-17:25 Induction of Vitellogenin mRNA Expression in Juvenile False Clown Anemonefish (*Amphiprion ocellaris*) Exposure to 17 $\beta$ -estradiol  
*Dr. Chuta Boonphakdee* (Burapha University)
- 18:30-20:00 Dinner**  
(Hosted by MFU at Ruan Rim Nam Restaurant, next to the campus football stadium and Wanawes Guesthouse)
- 20-22:00 Night Bazaar tour** (Optional)

**Day 3 (Tuesday, 11 October 2011)**

**08:00-08:30 Registration**

**08.30-14.45 Regional and Local Perspectives from GMS/UniNet and other Organizations**

08:30-08:55 Reconciling Climate Security and Socio-Economic Objectives: Global and Regional Implications of a Fossil-Fuel Supply Regime

*Prof. Dr. Charles Elworthy* (Chulalongkorn University)

08:55-09:20 Valuation of Ecosystem Services and Ecological Security in GMS

*Prof. Dr. Charit Tingsapat* (Chulalongkorn University)

09:20-09:45 An Uncertainty Perspective with Projected Climate Change in Hydrodynamic Modeling for Deltaic Fluvial Floods.

*Mr. Lam Van Thinh and Dr. Van Pham Dang Tri* (Can Tho University)

09:45-10:10 Development of Research Framework for Water Security in Vietnam – A Most Important Component of Ecological Security for Related GMS Countries

*Dr. Che Dinh Ly* (Vietnam National University-HCMC, Vietnam)

**10:10-10:25 Coffee Break**

10:25-10:50 **Keynote Lecture 4:** Study on Basin-wide Climate Change Impact and Vulnerability Assessment on Mekong Wetlands for Adaptation

*Dr. Vithet Srinetr* (Mekong River Commission Secretariat, MRC)

10:50-11:15 Initial Application of Benefit Sharing Model in River Basin: Case of Dong Nai River

*Dr. Bui Ta Long* (Vietnam National University-HCMC, Vietnam)

11:15-11:40 Land Use Land Cover Dynamics: A Case of a Community along Mekong River

*Dr. Apisom Intralawan* (School of Liberal Arts, MFU)

11:40-12:05 Collaborative Spatial Planning - A Common Platform for Sustainable Development

*Dr. Soukanh Chithpanya* (National University of Laos, Lao PDR)

**12:05-13:30 Lunch** (Ground Floor, A/D Building)

13:30-13:55 Ecological Security: The Fundamental Threat in the Greater Mekong Sub-region

*Dr. Jiragorn Gajaseni, Dr. Hansa Sanguanno, Dr. Apisom Intralawan, and Dr. Nguyen Luong Bach* (NREM Center, MFU)

13:55-14:20 Improvement of Water Environment of Vientiane Capital City, Lao PDR

*Mr. Phengkhamla Phonvisai* (NREM Center, and Pollution Control Department, Lao PDR)

14:20-14:45 Climate Change and Trans-boundary Droughts and Floods: Causes, Impacts and Adaptations in the Mekong River Basin in Chiang Rai, Thailand

*Dr. Nguyen Luong Bach, Ms. Nuttiga Hemptarasuwan, and Ms. Nion Sirimongkalerkal* (NREM Center, MFU)

**14:45-15:00 Coffee Break**

**15:00-16:00 Panel Presentation and Discussion [Chairperson: Prof. Dr. Fujiwara Okitsugu]**

**16:00-17:30 Special Session: Future Research Cooperation in the GMS**

**Chairpersons:** *Dr. Hansa Sanguanno, and Representatives from GMS/UniNet*