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Mr. Arjun Thapan, Director General, South East Asia Department, Asian Development Bank

Professor Said Irandoust, President, Asian Institute of Technology, Bangkok, Thailand

Technical Program

The program of the conference comprises:

- Keynote presentations in plenary sessions
- Presentation of accepted papers
- Panel discussions

Conference Paper Schedule

July 16, 2007: Extended deadline for extended abstracts

August 17, 2007: Notification of acceptance

October 19, 2007: Deadline for early bird registration & full paper submission

Conference Program

- Day 1 Morning Session 1: Opening & keynote
Morning Session 2: Parallel sessions
Afternoon: Parallel sessions
Evening Welcome dinner
- Day 2 Morning Session 1: Parallel sessions
Afternoon: Field trip to Rayong
- Day 3 Morning Session 1: Parallel sessions
Morning Session 2: Keynote & Closing
Afternoon: Workshop and Tutorial (optional)

Organizing Committee

Chair: Prof. Said Irandoust, President, Asian Institute of Technology

Co-Chair: Assoc. Prof. Dr. Taweep Chaisomphob, Vice-Rector for Academic Affairs, Thammasat University

Members:

Dr. Khin Maung Aye, Director General, Department of Technical and Vocational Education, Ministry of Science and Technology, Myanmar

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Prof. Vilas Wuwongse, Vice President External Relations, Asian Institute of Technology

Secretary:

Dr. Weerakorn Ongsakul, GMSARN Secretary General and Conference Coordinator

Dr. Dietrich Schmidt-Vogt, Technical Program Coordinator

Dr. Thammarat Kootatep, Technical Program Co-organizer

Dr. Kyoko Kusakabe, Technical Program Co-organizer

Contact Information

GMSARN Secretariat
Asian Institute of Technology
Km.42, Paholyothin Highway
Klong Luang, Pathumthani 12120 Thailand
Tel:+66-2 524-5437 Fax:+66-2524-6589
Paper Submission Email:gmsarn@ait.ac.th
Website: <http://www.gmsarn.org>

Second
Announcement
For the Second GMSARN
International Conference 2007
on

Sustainable Development:
Challenges and Opportunities for
the Greater Mekong
Subregion

Organized by:

GMSARN



The Second GMSARN International Conference 2007

December 12-14, 2007
Ambassador City Jomtien Hotel,
Pattaya, Thailand

Conference Purposes



The Greater Mekong Subregion (GMS), home to about 250 million people, is a very diverse region with the member economies being at different stages of development.

Though each country has its own

energy scenarios and potential, all share an immense natural resource, the Mekong River. Cooperation among the member countries is crucial for the whole region to lessen the effect of development to the environment which is the provider of the goods and services that sustain human development. Therefore, it is necessary that development must be able to sustain its environment. However, this regional development challenge is much more complicated with different issues that need to be tackled over the access to shared energy resources. Additionally, more often than not, economic activities result to widespread loss of biological diversity; regional and local land forest degradation and desertification; and numerous demands on the Mekong River – to provide water for transport, industrial and agricultural development, for sustaining subsistence fishing, and for maintaining delicate ecological and hydrological balances. Furthermore, the currently relevant issue of climate change makes the challenge more complicated as its impacts on the agriculture, river basin systems and on the sustainable development in the region need to be fully understood and properly addressed. Thus, for a sustainable development, energy infrastructures should not only provide the necessary requirement, but also it must be made sure that energy access throughout the region should improve; energy efficiency and demand-side management should be looked upon; the diversity of energy sources in the region, such as renewables and biofuels should be enhanced to improve energy security; and most importantly, environmental and social impacts should not be neglected. The main purpose of the conference is to initiate and stimulate international discussion on the various sustainable development issues in the GMS, specifically in the areas of energy, environment, natural resource management, and development planning. It is also envisaged that the conference will be able to generate shared solutions in the end. The findings and recommendations will be useful for the GMSARN in its research programs as well as for future GMS research projects.

Conference Topics

ENERGY

- Global and regional energy demand and supply
- Energy resource development policy
- Renewable energy and emerging technologies

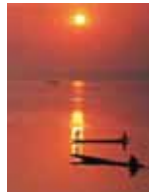
- Biomass gasification and combustion
- Biofuels – Prospects for cleaner technology
- Methanol/Ethanol: potential and applications
- Automotive applications of biofuels
- International and regional energy security
- Cogeneration



- District heating and cooling
- Distributed generation
- Hybrid energy systems
- Power system planning and operation
- Power system stability
- Pricing of electricity
- Restructuring of electric supply industry
- Independent power producers
- Demand-side management
- Integrated resource planning
- Regulation, promotion, and technologies for energy efficient buildings and industries
- Rational use of energy
- Energy modeling and simulation
- Clean development mechanisms
- Emission trading
- Building energy standards

ENVIRONMENT

- Sustainable environmental sanitation systems and planning approaches
- Integrated approaches on health and environmental sanitation



- Trans-boundary pollution controls and practices
- Environmental contamination and remediation techniques
- Global climate change and its mitigation measures
- Appropriate technologies on waste reuse, recycling and recovery

NATURAL RESOURCE MANAGEMENT

- Regional experience with community-based natural resources management



- Land use and land cover change in the GMS
- Intensification or diversification : alternative pathways to sustainable agriculture
- Gender and natural resources management in the GMS
- Irrigation systems in transition
- Integrated watershed management

- Land evaluation and monitoring for sustainable development
- Biodiversity conservation and sustainable development
- Integrated coastal management in the GMS
- Upland development in the GMS

DEVELOPMENT PLANNING

- Regional economic integration: Opportunity and marginalization
- Gender equality and sustainable development
- Urban environmental management
- Local governance, civil society and people's participation



- Public-private partnership
- National development policies and development aid
- ICT for development
- Globalization and human rights

Instruction to Authors

The extended abstract should contain the title of the paper, authors, contact person and their affiliations, key words, and a summary of the paper. Times New Roman font size 12 should be used. The length of the extended abstract should be limited to 2 pages. The authors will be notified of the acceptance within four weeks after receipt of the extended abstracts. Authors are encouraged to submit their abstracts by email in both PDF and WORD file formats. Submissions should be addressed to the GMSARN Secretariat at gmsarn@ait.ac.th. Authors are expected to present at the conference. The full paper will be published in the conference proceedings and selected papers will be considered for peer review in GMSARN international journal. English will be the language for all printed materials, as well as for the technical presentations and discussions.

Registration

The early bird registration fee is 10,800 Baht. Late or on-site registration fee is 12,600 Baht. For participants from GMSARN member institutions, the registration fee is 7,000 Baht. Student fee is 5,000 Baht. This fee covers costs of lunch, refreshments, welcome dinner and conference kit. The registration form and payment information can be downloaded from the GMSARN website www.gmsarn.org. Special rate accommodation at Ambassador City Jomtien Hotel, Pattaya should be booked using the conference reservation form to the GMSARN secretariat.