

# GMSARN Board Members

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**Mr. Kunio Senga**, Director General, Southeast Asia Department, Asian Development Bank

## Technical Program

The program of the conference comprises:  
Keynote presentations in plenary sessions  
Presentation of accepted papers  
Panel discussions

### Conference Paper Schedule

January 15, 2012 : Extended 2-page abstract submission  
January 31 2012 : Notification of acceptance  
February 28, 2012 : Deadline for full paper submission and early registration

## Conference Program

**Day 1** Afternoon Session 1: Opening & Keynote  
Afternoon Session 2: Parallel sessions  
Welcome dinner

**Day 2** Field Trip to Nam Ngum Dam 2, Laos (Optional)

**Day 3** Morning: Plenary and Parallel sessions  
Afternoon Session 1: Parallel sessions

## Organizing Committee

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

**Co-chairs:** Assoc. Prof. Dr. Kittichai Triratanasirichai, President, Khon Kaen University  
Assoc. Prof. Dr. Nongnit Teerawatanasuk, President, Ubon Ratchathani University

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Prof. Gang Deng, Director, Division of International Cooperation, Kunming University of Science and Technology

**Secretary:** Assoc. Prof. Dr. Weerakorn Ongsakul, GMSARN Secretary General and Conference Director

Dr. Rajendra Prasad Shrestha, AIT, Technical Program Coordinator  
Dr. Thammarat Kootatep, AIT, Technical Program Co-organizer

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Mr. Mit Sapphud, UBU, Technical Program Co-organizer  
Assoc. Prof. Dr. Wanpen Wirojanagud, KKU, Technical Program Co-organizer

Dr. Vo Ngoc Dieu, HCMUT, Technical Program Co-organizer

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## Fifth Announcement and Call for Papers

The 6th GMSARN  
International Conference

2011



On Social-Energy-Environmental  
Development: *SEED* towards  
*Sustainability*

28-30 March 2012

Grand Paradise Hotel  
Nongkhai, Thailand

### Organizers



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## Conference Purposes



Globalization and the rapid economic growth have accelerated development and investment worldwide, particularly developing countries. With the remarkable rate of expansion of all sectors including industry, agriculture and community has been leading to deterioration of

natural resources including energy sources and environmental pollution that consequently affect human well being. Essentially, to address these critical issues through the International Conference 2011 entitled Social-Energy-Environmental (SEED) Development towards Sustainability. This conference will be a platform for developing knowledge of a diverse group of researchers and participants, each with a critical stake in a sustainable development.

The rationale of the GMSARN 2011 is to initiate and stimulate international discussion and enhance research networking. The conference can be used as a platform on a regional and global level. Thus, it can contribute to sustainable development, and solve trans-border issues related to social, energy and environment. The GMSARN International Conference is a multi-disciplinary conference which is problem oriented focus. In this aspect, GMSARN Conference is unique hosting a wide range of disciplines that would generate shared solutions to existing problems, regionally and globally. In addition, the conference aim is to provide a forum to disseminate the research and development findings on

## Problems & Issues in GMS

The conference will discuss the following issues, but not limited to:

### Social Development

- Social Policy
- National Development Policies and Development Aid
- Governance, Civil Society and People's Participation
- Regional Economic Integration: Opportunity and Marginalization
- Sustainable Tourism
- Sustainable Consumption and Production
- Public-Private Partnership
- Small and Medium Size Enterprise Development
- Urban-Rural Relations and Urbanization
- Urban and Rural Livelihoods

- Mass Media
- Human Resource Development
- Transnational Migration and Human Trafficking
- Gender Relations
- Human Rights
- Cultural Changes
- Cultural Heritage Management

### Energy

- Biofuels—Prospects for Cleaner Technology
- Biomass Gasification and Combustion
- Clean Development Mechanism
- Cogeneration and Hybrid Energy System
- Geopolitical Energy Security Issues and Strategies
- Global and Regional Energy Demand and Supply
- Demand-Side Management
- Distributed Generation Technology
- Emerging and Advanced Energy Resources Technologies
- Energy and Climate Change
- Energy Efficiency and Rational Use of Energy
- Energy Infrastructure
- Energy Modeling and Simulation
- International and Regional Energy Security
- Power System Design and Operation
- Post Kyoto Protocol—Climate Change Strategies
- Power System Planning and Analysis
- Power System Dynamics and Stability
- Power System Optimization
- Power System Interconnection
- Power, Transport, Industries and Household Sector Stake in Climate Change
- Regional Power Interconnection and Trading Arrangement
- Regional Power Market and Pricing in GMS
- Regulation, Promotion and Technologies for Energy Efficient Buildings and Industries
- Restructuring of Electric Supply Industry
- Traditional Energy and Alternative Energy Resources
- Trans-Boundary Power Exchange (Cross-Border Issues)
- Rural electrification development
- Renewable energy resource development
- Smart grids and active distribution networks

### Environment

- Integrated Watershed Management
- Flood Control and Water Resource Management



- Climate Change Adaptation Issues
- Climate Change and impact Assessment
- Clean Development Mechanisms
- Water Supply System
- Pollution Sources and Impact Assessment
- Trans-Boundary Pollution Control and Practices
- Environmental Contamination and Remediation
- Appropriate Technology for Pollution Control
- Pollution Prevention
- Environmental Management: Law, Strategy, Policy and Plan
- Environmental Modeling and Monitoring
- Integrated Approaches on Health and Environmental Sanitation

## Instructions to Authors

The 2-page extended abstract is required containing 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 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 [gmsarn2011@hotmail.com](mailto:gmsarn2011@hotmail.com). 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 Fees

Early Bird Registration	14,500 Baht (USD485)
Late or on-site registration	16,500 Baht (USD500)
GMSARN member institutions	9,900 Baht (USD330)
Student	8,000 Baht (USD260)

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.com](http://www.gmsarn.com). Special rate accommodation at conference site hotel should be booked using the conference reservation form to the GMSARN Secretariat.