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Technical Program Co-organizer



14th GMSARN International Conference

2019

on "Smart Energy, Environment, and Development for Sustainable GMS"



27 - 29 November | 2019
Luang Prabang, Laos

Conference Program

- Day 1 Morning: Opening, Keynote and Parallel Sessions
Afternoon: Parallel Sessions
Reception Dinner
- Day 2 All Day: Technical Visit at Xayaburi Hydro Power Plant & Welcome Dinner
- Day 3 Morning: Keynote, Parallel Sessions and Closing

Technical Program

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

Conference Paper Schedule

- 31 August 2019: One Page Abstract Submission
- 30 September 2019: Notification of Acceptance
- 31 October 2019: Full Paper Submission & Early-bird Registration

Organized by :

Co-organized by :



Contact Information



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First Announcement & Call for Papers

Conference Purposes

With the increasing population in Greater Mekong Subregion (GMS), more than 40% of the population in the GMS will be living in cities by 2030. The subregion is one of the least urbanized areas in the world, but its cities are growing and their economic impact is being felt. Planning is needed to balance growth with preferably green growth and inclusiveness to avoid the negative impacts of urbanization. This can be achieved through national urban strategies that ultimately lead to a GMS urban development strategy. Consequently, energy demand for the GMS is expected to reach 237,000 megawatts by 2025, a threefold increase compared to the 77,000 megawatts used in 2010 and requiring substantial investments in power system expansion. Also, balancing energy security, environmental impact and greenhouse gas emissions from energy development, and social implications within the constraints of limited supply options are imperatives of today's power development planning. The aim of this GMSARN 2019 is to focus on smart energy, environment, and development with sustainability in GMS countries to shape its future. To address these critical issues, the International Conference 2019 on "Smart Energy, Environment, and Development for Sustainable GMS" is a three-day platform for knowledge dissemination by a diverse group of researchers and participants.

The rationale of the GMSARN 2019 is to initiate and stimulate international discussions and exchange the innovative ideas. The conference can be used as an international platform on regional and trans-boundary perspectives. Therefore, it can contribute to sustainable development related to energy, environment and development. In this aspect, GMSARN conference is a unique hosting a wide range of various disciplines that would generate shared solutions and ideas to existing problems. In addition, this conference provides an ecosystem to disseminate the research and findings of development on various innovative and sustainable developments in GMS. It is also envisaged that the conference will benefit GMS education and research programs.

Energy

- Greening the fossil fuels
- Renewable Energy for Power and Heat
- Smart Grid and Renewable Energy Integration
- MDGs and Green Energy
- Rural Development through Green 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
- 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
- Smart grids and active distribution networks
- Distributed Generation Technology
- Emerging and Advanced Energy Resources Technologies
- Energy and Climate Change
- Energy Efficiency and Rational Use of Energy

Environment

- Integrated Watershed Management
- Flood Control and Water Resource Management
- Sustainable Agriculture
- Appropriate Irrigation System
- Biodiversity Conservation and Protection
- 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

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

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 two 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.asia. 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 indexed by SCOPUS** English will be the language for all printed materials, as well as for the technical presentations and discussions.

Registration Fees

Type of Registration	Before Oct. 31, 2019	After Oct. 31, 2019
Regular	17,500 Baht / USD 580	18,000 Baht / USD 600
GMSARN Member	13,500 Baht / USD 450	14,000 Baht / USD 460
Student	10,000 Baht / USD 330	11,000 Baht / USD 360
Field Trip: Xayaburi Hydro Power Plant	2,500 Baht / USD 80	
Accompany	9,000 Baht / USD 300	
Additional Paper	2,200 Baht / USD 70	

This fee covers costs of lunch, refreshments, welcome dinner and conference kit. The registration form and payment information can be downloaded from the website <http://www.gmsarn.com/conference2019>.

Special rate accommodation at conference site hotel should be booked using the conference reservation form to the GMSARN Secretariat.

