



THE 2ND GMS DEVELOPMENT DIALOGUE
21 May 2008, 0900-1200hrs (Bangkok time)
Host Site: ADB's Thailand Resident Mission, Bangkok
Video-Linked with ADB Resident Missions in
Beijing (1000-1300hrs)
Phnom Penh (0900-1200hrs)
Vientiane (0900-1200hrs)
Hanoi (0900-1200hrs), and
ADB Headquarters in Manila (1000-1300hrs)

GMS: CLIMATE MAKERS OR CLIMATE TAKERS?
Understanding and Responding to the Challenges of Climate Change

Program

Chairperson: Jean-Pierre Verbiest
Country Director, ADB's Thailand Resident Mission

15 min 9:00- 9:15

Introductory Session

Welcome Remarks

--- Jean-Pierre Verbiest
Country Director, ADB's Thailand Resident Mission

Opening Statement

--- Mr. Arjun Thapan, Director General
Southeast Asia Regional Department, ADB

15 min 9:15-9:30

Theme 1: Climate change, global warming, and the GMS
"Anticipated Impacts of Climate Change: Risks and Vulnerabilities in the GMS"

--- Mr. Javed Hussain Mir
Principal Natural Resources Management Specialist
Southeast Asia Regional Department, ADB

Studies indicate that changes in climatic conditions will occur and present a very real threat to the prosperity of developing countries, including the GMS. Many of the changes that are likely to occur will have adverse impacts on people's health, safety and livelihoods – with the poor expected to be disproportionately affected. It is, therefore, an economic development issue of growing significance to the Asia and Pacific region. Session 1 will discuss the phenomenon of climate change --- its causes and imminent consequences --- in the GMS. It will discuss why, despite the relatively small size of its population, the GMS is emerging as a significant contributor to this global problem, and is thus likely to suffer the consequences as severely as in many other parts of the world.

10 min	9:30-9:40	Discussants give their views (5 minutes each). --- Prof. Ji Zou Vice Dean, School of Environment and Natural Resources, Renmin University of China (Academe) --- Dr. Jingjai Hanchanlash Director, Executive Board, Loxley Public Company (Private sector)
15 min	9:40-9:55	Open discussion
15 min	9:55-10:10	Theme 2: Physical consequences of climate change: safeguarding communities, commodities and assets in the GMS <i>“Anticipated Impacts of Climate Change on Life, Property and Assets (Physical and Social Infrastructure)”</i> Presenter: --- Mr. Hasan Moinuddin Climate Change Task Coordinator GMS Environment Operations Center, Bangkok The major consequences of climate change will be manifested in the frequency of extreme weather events, rising sea levels and changes in hydrological systems. These impacts will affect communities, especially the rural poor and those that live in river deltas near the coast; commodities, and physical assets (i.e. infrastructure). Session 2 will discuss the short- and long-term risks and the corresponding mitigation measures required to minimize disruption and damage. Many of these measures will need to take place at the policy level, but individuals and households will also need to be prepared for changes in their lifestyles as they begin to adapt to the inevitable consequences of climate change.
15 min	10:10-10:25	Discussants will give their views (5 minutes each). --- Mr. Chuon Charithy GMS-Working Group on Environment National Focal Point Director, Department of Natural Resources Assessment & Environmental Data Management Ministry of Environment, Cambodia (Government) --- Mr. Toch Sovanna Director, Department of Energy Technique Ministry of Industry, Mines and Energy, Cambodia (Government) --- Mr. Syamphone Sengchandala Deputy Director, International Environment Division Water Resource and Environment Administration Lao PDR (Government)
10 min	10:25-10:35	Open discussion

30 min | 10:35-11:05 | **Theme 3: Impact on food security, energy security, and tourism in the GMS**

Agriculture and Food Security -- Presenter

--- **Prof. Lin Erda**

Chief Scientist and Ex-Director General
Chinese Academy of Agricultural Sciences (Academe)

Energy Security --- Presenter

--- **Dr. Amnat Chidthaisong**

Assistant Professor, King Mongkut University
Thailand (Academe)

--- *Tourism --- Presenter*

Dr. Assoc. Prof. Pham Trung Luong,

Deputy Director General
Institute of Tourism Development Research
Viet Nam National Administration of Tourism (Government)

In the GMS, the impact of climate change is likely to have serious implications on three key sectors: agriculture and food security, energy security, and tourism. The impacts on agriculture and food security are likely to change production and consumption patterns, which could affect economic growth and social equity. The energy sector could be affected directly and indirectly, with consequent effects on the distribution of power: frequent intensive storms could damage hydropower plants, rainfall patterns can cause changes in total annual precipitation and its geographic distribution; and changes in the distribution of agro-ecological zones could affect the productivity of crops grown for bio-fuels. Tourism may be affected by both loss of beaches and damage to tourist infrastructure. Session 3 will trace how the consequences of climate change impact on these sectors.

15 min | 11:05-11:20 | Discussants will give their views (5 minutes each).

Agriculture and Food Security

--- **Dr. Nguyen Binh Tinh**

Deputy Director General - Department of Science
Technology and Environment
Director of Office of Climate Change
Ministry of Agriculture and Rural Development (Government)

Energy Security

--- **Ms. Zhu Songli**

Associate Professor
Center for Energy, Environment and Climate Change
Energy Research Institute
National Development and Reform Commission
PRC (Government)

Tourism

--- **Mr. Pavit Ramachandran**

Strategic Environment Assessment Task Leader
GMS Environment Operations Center, Bangkok

15 min 11:20-11:35 Open discussion

30 min 11:35-12:05 **Open Discussion based on: *Climate Change Responses: A Call to Action***

This session will provide an opportunity for participants to discuss the measures for mitigation and adaptation with regard to risks of climate change at the sector, national and subregional levels. These measures include lowering of carbon intensity and adaptation measures to safeguard agriculture at the sector and national levels, the subregionalization of global impact models, and the promotion of climate change adaptation, among others. Session 4 is envisaged to generate ideas that can help governments, private sector and civil society in shaping their respective action plans for addressing the consequences of climate change.

15 min 12:05-12:20 **Synthesis and Concluding Remarks**