The Asia – Pacific region is a heterogeneous grouping of countries with great dynamism, diversity and development potential. The region is home to nearly 1 billion poor people, which its livelihoods are largely dependent on climate – sensitive sectors such as agriculture, forestry, fisheries and tourism. Due to its high vulnerability and growing GHG emission, climate change represents a critical challenge for this region. The serious impacts of climate change are becoming evident in many parts of the Asia – Pacific region, manifesting in the form of increased frequency and intensity of extreme climate events (e.g., floods, droughts, and tropical cyclones), gradual sea level rise and so on. Indeed, 90% of global climate related disasters affected the region and contributed to over a half million deaths since the 1950s. Current evidence thus suggest that the key drivers of both social and economic development are adversely and disproportionately affected by climate change, there by jeopardizing sustainability in this fast - growing and vulnerable region.

The need to address the issue of climate change and respond to the priority needs of the Asia – Pacific region to achieve sustained economic growth and eradicate poverty is one of guiding principles that govern the implementation of the United Nations Framework on Convention on Climate Change (UNFCCC) and its Kyoto Protocol. The International cooperation and collaboration to enhance capabilities among the countries for responding to climate change by building scientific and technical capacity, advancing scientific knowledge, and linking scientific and policy communities are a basic for accomplishing this challenge. This approach is strongly supporting the work of the UNFCCC, bye adding to the knowledge and expertise that are needed for national communications of parties to the convention and for developing mitigation and adaptation plans. Therefore, Environmental Research and Training Center (ERTC) will organize the training workshop entitled “Global Warning Protection”. The purposes are to strengthen and update the advance knowledge concerning the cross cutting issues relevant to climate change, and to provide a forum for sharing lessen learned and exchange views and experiences among researches and experts, as well as initiating regional networking.

Invited Countries: Afghanistan, Bangladesh, Bhutan, Cambodia, China, India, Indonesia, Iran, Jordan, Kenya, Lao PDR, Malaysia, Mongolia, Myanmar, Nepal, Oman, Pakistan, Peru, PIF Member Countries, Republic of Korea, The Philippines, Sri Lanka, Tajikistan, Uzbekistan, Vietnam and Thailand

Objectives
The training workshop aims:

• To strengthen participants capacity to understand and learn the up to date knowledge of climate change and relevant issues;
• To exchange experience for mitigation and adaptation means and measures to the adverse impacts;
• To initiate regional research / implementation networks on regional common issues of climate change.

Qualifications
Participants for this training workshop should:

• Be university graduates in meteorology, science, environmental science or related fields, or to have the equivalent practical experience;
• At least five (5) years experience in environmental field or related field. The priority we be given to those whose current work is directly linked to climate change research / implementation;
• Be under forty – five (45) years of age in principle;
• Be proficient in spoken and written English;
• Be good computer skill for commonly used programs such as MS Excel, Basic Statistical program;
• Be in good health, both in physically and mentally to undergo the training and as the schedule of this training course includes field trips, pregnancy is regarded as a disqualifying condition for participation in this training course.

Course Content
The training workshop is provided the three main components as the following.

1. Lectures which course outline consist of:
   - Overview of global / regional climate change;
   - GHG emissions / mitigation in Asia – Pacific region;
   - Impacts and adaptation;
   - Sustainable development;
   - Case study of implementation on climate change;

2. Exercise / Practices:
   - Panel discussion and presentation;
   - Introduction and practices of easy-to-use tools and methodologies for basic climate change analysis;
   - Taking exercise on analysis of temperature and rainfall extreme indices for each participants;

3. Study / Field Trips
   - Excursion trips to samutprakan province and Sirindhorn International Environment Park, Petchaburi province;
   - Study trips to CDM Ratchaburi Farms Biogas Project and Carbon flux observation site at Ratchaburi province;

**Necessary Requirement and Preparation**

Each accepted participant is requested to prepare information and data necessary for exercise / practice sections before participating this training workshop. Requested information and data include:

- Country status of all mate change based on National Communication submitted to UNFCCC. This information can be obtained from National Focal Point of UNFCCC for each country or download from [http://unfccc.int](http://unfccc.int). Summary for 10-15 min. presentation is needed to prepare in advance and presentation file will be submitted before participating this training workshop.

- Daily maximum and minimum temperature and daily rainfall amount data which have been continuously collected at least 30 years for 2-3 stations are essential for exercise on analysis of temperature and rainfall indices. We encourage each participant to select the stations which data series are rather complete with least missing data.

Location (latitude and longitude) and other ancillary information such as meta data, if available, are needed. The requested data will be obtained from Department of Meteorology and related departments. Please consult them in details.

If accepted participants have any questions concerning information and data above, please consult Dr. Atsamon Limsakul via sending e-mail: atsamon@deqp.go.th

**Fellowship Arrangements:**

**Application Procedures**

Applicants interested in participating in the course must be nominated by their government and must submit tree (3) completed nomination forms to the Royal Thai Embassy or Consulate in their respective countries before the closing date of application.

In general, each country may nominate up to four (4) nominees for the course. However, nomination for certain courses may be limited to one or two nominees from each country due to limited seat available for participation.

The Royal Thai Government will inform the nominating government (or relevant authority) whether or not nominee(s) have been accepted for the course, normally y four weeks before the course starts.

Further Information about training courses held under AITC can be obtained from TICA's Human Resources Development Bureau. (See Further Information and Contacts section for details)

**Allowances and Expenses**

The Royal Thai Government will be responsible for the following allowances and expenses:

An economy class electronic ticket from an appropriate international airport to Bangkok will be sent to each participant by a representative of the Thai Airways International, or through the National Airline Office in the participant’s country. A return electronic ticket will be issued to each participant one week before the course ends and each of the participants is not allowed to change the flights route and schedules.
Participants should not buy air tickets by themselves and should be advised that if they do so, the cost cannot be reimbursed from the Royal Thai Government. The Royal Thai Government will also arrange the domestic flight for participants, if any. However, those participants who are from Brunei Darussalam, Oman, Republic of Korea and Singapore, the round trip international travel cost will be responsible by their respective country. Each participant will receive a living allowance of 500 baht per day to cover meals, local transportation and other personal daily expenses. Accommodation will be arranged by the Royal Thai Government and all participants will stay at the same place. It is suggested that each participant should bring some pocket money approximately US$ 100 to cover the expenses before the allowance is paid. Minor medical treatment will be provided for participants who become ill during their stay in Thailand. The Royal Thai Government will provide transportation for the authorized field trips undertaken as part of the course.

Regulations
Participants are required to serve the following regulations:
Participants must only stay at the places designated by the Royal Thai Government.
Participants must strictly attend classes as scheduled and should not change their training subjects.
Participants must not extend the training period.
Participants must not bring any family members with them to Thailand.
Participants must return to their home countries after the course completion (at date as scheduled by the Royal Thai Government). Participants are required to fly only on the route designated by the Royal Thai Government and must not make any alterations. Please also be informed that the maximum allowable baggage that can be loaded on flights is 20 kilograms. Participants will be responsible for any cost incurred in exceeding this limit.
Participants must observe the rules and regulations of training institute(s).
Participants must refrain from engaging in political activities, or any form of employment for profit or gain.

Visa Procedures
Prior to departure from their home country to Thailand, all participants must first obtain the appropriate visa from the Royal Thai Embassy or Consular representative in their countries. Presentation of the acceptance letter is required when applying for VISA. A maximum if 2,000 baht VISA fee (approximately US$ 58) must be paid by a participant to the Royal Thai Embassy or Consular representative. Participants must request for the original receipt which could be later on reimbursed from the Royal Thai Government upon presenting the original receipt.

Further relevant information is available at the following addresses:
Human Resource Development Bureau (HRD Branch 2)
Thailand International Development Cooperation Agency (TICA)
Ministry of Foreign Affairs (MFA)
962 Krung Kasem Road,
Bangkok 10100, Thailand
Tel.: (662)2821302, 2812747
Fax: (662)2828798
E-mail: tica@mfa.go.th
Website: http://www.mfa.go.th

The course will be conducted by:
The Environmental Research and Training Center (ERTC)
Department of Environmental Quality Promotion
Technopolis, Tambon Klong 5th
Amphoe Klong Luang, Pathumthani, 12120 - THAILAND
Tel./ Fax: (662) 577-7084-5
Website: www.ertc.deqp.go.th
E-mail: envtransfer@deqp.co.th
somjai_mun@hotmail.com
Number of Participant: 22

Closing Date for Application:
April 17, 2009