



**MALAYSIAN TECHNICAL
COOPERATION PROGRAMME (MTCP)**

**ENVIRONMENTAL MANAGEMENT
AND POLLUTION CONTROL
FOR
OIC AND ASIA-PACIFIC COUNTRIES**
28 JULY – 15 AUGUST 2008



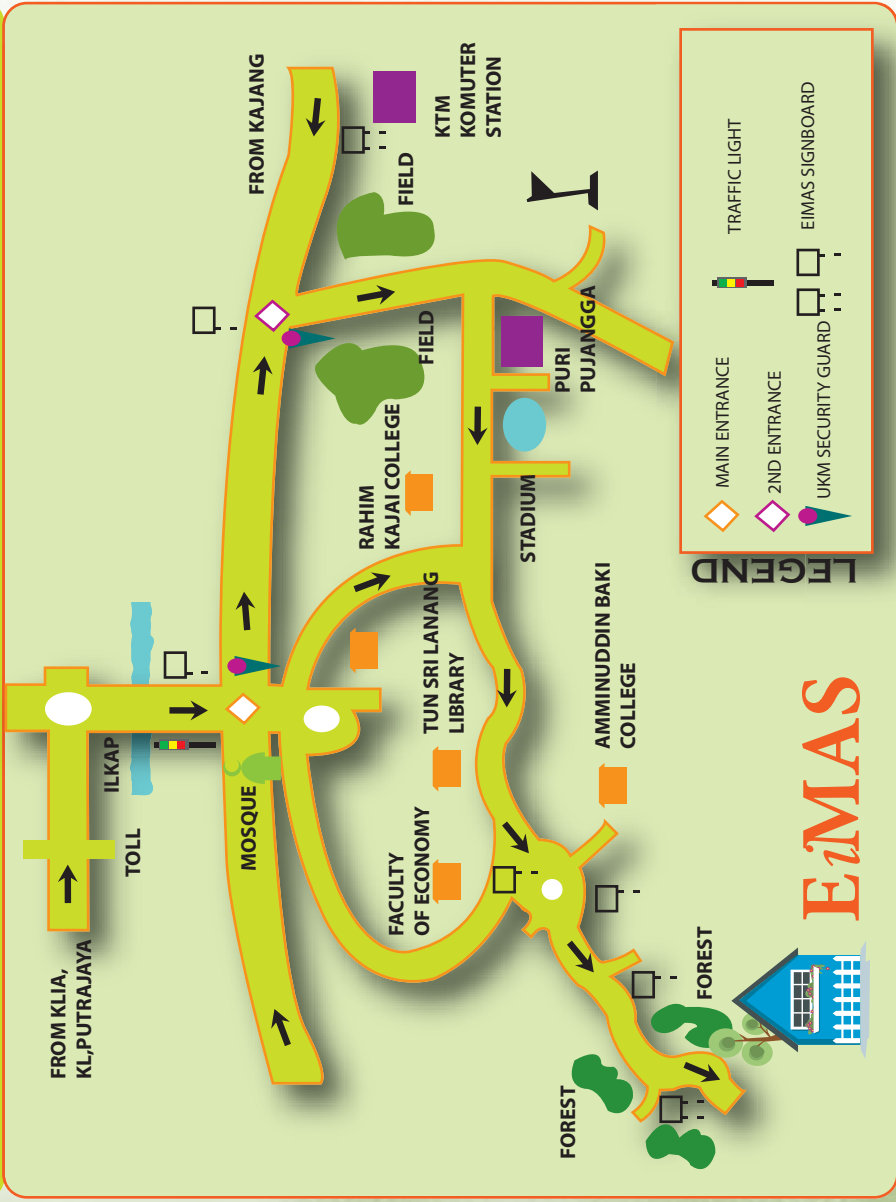
**ENVIRONMENT INSTITUTE OF MALAYSIA (EiMAS)
DEPARTMENT OF ENVIRONMENT**

ENVIRONMENT INSTITUTE OF MALAYSIA (EiMAS)

The Environment Institute of Malaysia (EiMAS) is the training institute of the Department of Environment Malaysia, under the Ministry of Natural Resources and Environment. EiMAS occupies an area of about 10 acres. It is located within the campus of Universiti Kebangsaan Malaysia (UKM), Bangi, Selangor, about 35 km south of Kuala Lumpur, the capital city of Malaysia and 45 km from the Kuala Lumpur International Airport (KLIA). EiMAS started operation at its own building on the 1st of August 2001. The Institute is surrounded by beautiful landscaped garden and verdant green forest. The EiMAS complex comprises three blocks namely, administration, hostel and cafeteria.

The main function of the Institute is to conduct training courses for the staff of the Department of Environment (DOE) as well as private sector in the areas of environmental management and pollution control. Training programmes organized by EiMAS covers diverse areas in environmental management and pollution control and are categorized according to the following: basic technical course; occupational safety and health; office management; water quality management; air quality management; environmental legislation; scheduled waste management; environmental management and impact assessment, and information communication technology. EiMAS is dedicated to achieve excellence in environmental protection efforts through its human resource development programme and other programmes that will contribute towards achieving solutions to environmental problems in the context of providing a clean and healthy environment for human living.

Map to E*i*MAS



E*i*MAS

MALAYSIAN TECHNICAL COOPERATION PROGRAMME

The history of the Malaysian Technical Cooperation Programme (MTCP) dates as far back as the First Commonwealth Heads of States (CHOGM) Meeting in Sydney in February 1978, where the idea was first conceived. The MTCP was officially launched on 7 September, 1980 at the Commonwealth Heads of State Meeting in New Delhi, India, to signify Malaysia's commitment to South-South Cooperation, in particular Technical Cooperation among Developing Countries (TCDC).

In line with the spirit of South-South Cooperation, the MTCP, which is a bilateral technical cooperation programme, shares development experiences with other developing countries. This "prosper-thy-neighbour" philosophy is the underlying basis for the MTCP. The Programme provides various forms of technical cooperation in areas where Malaysia has the experience and expertise. The MTCP emphasises the development of human resources through the provision of training in various areas which are essential for a country's development such as public administration, agriculture, poverty alleviation, investment promotion, ICT, banking and English language.

The Economic Planning Unit, which is the national focal point for all technical cooperation, is responsible for the administration and coordination of MTCP activities. Since its inception, the MTCP has expanded in terms of its scope and coverage with emphasis on the exchange of development experience. More than 2,000 participants from 138 member countries come to Malaysia annually under the MTCP. Currently the MTCP has a membership of about 15,000 alumni worldwide. About 136 short-term specialized courses are offered by the 45 MTCP training institutions, many of which are centres of excellence for training, with the aim of building human capital in other developing countries.

The objectives of MTCP are:

- To share development experience with other countries;
- To strengthen bilateral relations between Malaysia and other developing countries;
- To promote South-South Cooperation; and
- To promote technical cooperation among developing countries.

Course Rationale and Background

The Department of Environment (DOE) has been tasked with the primary responsibility for environmental management and pollution control as expressed in the Environmental Quality Act (EQA) 1974. DOE's experience in environmental management and pollution control is well established and has gained recognition from UNEP, UNDP and the World Bank among other organizations. Therefore, DOE would like to share her experience with other Organization of the Islamic Conference (OIC) and Asia-Pacific countries through a course offered under the Malaysian Technical Cooperation Programme (MTCP) entitled "Environmental Management and Pollution Control".

The objectives of this course are as follows:

- i. To provide training in the various aspects and methods for air quality management;
- ii. To provide training in the various aspects and methods for water and marine pollution control;
- iii. To share legal and procedural requirements for environmental impact assessment, environmental management plans and post-EIA monitoring; and
- iv. To provide training on toxic and hazardous waste management.

Malaysian Technical Cooperation Programme

This training package contains 5 modules.

Module 1 : - **Environmental Management and Education in Malaysia**

- Overview of Environmental Management in Malaysia
- Overview of Malaysian Economic Development Planning Process
- Environmental Education Towards Sustainable Development

Module 2 : - **Air Quality Management**

- Sources of Air Pollution and Types of Air Pollutants
- Air Quality Monitoring in Malaysia
- Management and Operation of Air Pollution Monitoring Equipment
- Legislative Control of Emission from Stationary and Mobile Sources
- Malaysia's Requirements on Air Pollution Control Equipment
- National Haze Action Plan
- ASEAN Agreement on Trans-boundary Haze

Module 3 : - **Water and Marine Pollution Management**

- Introduction to Water Quality Management
- Water Quality Monitoring in Malaysia (Inland and Marine)
- Management and Operation of Water Quality Monitoring Equipment
- Legislation on Water Pollution Control
- Malaysia's Requirements on Industrial Effluent Treatment System
- Oil Spill Contingency Plan
- International Conventions on Oil Pollution

Module 4 : - **Environmental Impact Assessment**

- EIA – Legal and Procedural Requirements in Malaysia
- Preliminary and Detailed Assessment
- Environmental Management Plans (EMP)
- Post-EIA Monitoring

Module 5 : - **Toxic and Hazardous Waste Management**

- Overview of Toxic and Hazardous Waste Management, Legislation and Policy in Malaysia
- Enforcement Aspects of Toxic and Hazardous Waste Handling
- Characteristics of Toxic and Hazardous Waste
- Toxic and Hazardous Waste Management Facilities and Licensing Procedures
- International Conventions Related to Management of Hazardous Substances
- Environmental Hazardous Substances (EHS)

Programme Structure

Date and Place

The Training Programme lasts in total 3 weeks, starting on Monday July 28, 2008 and ending on Friday August 15, 2008. The Programme will be held in E_i MAS

Course Methodology

Teaching methods include lectures, discussions, case studies and study visits. Participants are required to fully participate in the programme, and to present country reports.

Language

English proficiency is essential since programme will be conducted in English. The selected participants will be required to write a country report on their current work particularly those related to the course modules, in English.

Target Group

This course is relevant for officials from the Environmental Protection Agency of the OIC member countries and Asia-Pacific countries.

Education

Bachelor's Degree and good understanding of English.

Technical education and training

Bachelor in engineering or science (chemistry, physics, ecology or equivalent).

Working experience

At least 1 year practical experience in environmental management and pollution control.

Existing skills and knowledge

Understanding of the basic procedures of practical enforcement and the legislative framework outlined in their respective countries' legislation.

Other requirement

Applicants should be between 25 – 45 years of age.

Attire

For lectures, participants should be attired in long-sleeved shirts with ties and tailored pants. For more formal occasions, suits, jacket and tie or national costume is the norm. Ladies should be appropriately dressed in office attire.

For study visits, participants should be attired in short-sleeved shirts or collared T-Shirts and comfortable sports shoes.

Scholarship

Fellowship will be available to applicants from developing countries and countries with economies in transition. Candidates from other countries may apply on a self-financed basis. Terms and conditions of scholarship/ fellowship awards under the MTCP at E_i MAS include :

Fares

An economy class return air ticket from the capital city of the participant's countries to Kuala Lumpur and back will be provided by E.MAS. Other expenses such as Visa and transit fees, departure tax and excess baggage fees will be borne by the participants. However, the departure tax from Kuala Lumpur will be borne by E.MAS.

Course Fees

All course fees will be borne by the Malaysian Government.

Medical and Dental Treatment

Participants should be certified medically fit in order to participate in this programme. Any medical and dental expenses incurred in a government hospital/clinic will be borne by the Malaysian Government. Dental treatment is restricted to extraction and filling only.

Selection Process

An expert committee will analyze the applications and select a maximum of 25 participants.

The committee will give due consideration to the applicants' qualifications and to the scope of their professional duties. Applications from government officials of Ministries of Environment and other Ministries related to environmental protection will be favoured.

Notification

An applicant is considered not successful if he/she does not receive notification of the awards from E.MAS four (4) weeks before commencement of the course.

Facts About Malaysia**Location**

Malaysia is located just north of the equator and in the heart of South East Asia. Her northern neighbour is Thailand while to the south are Singapore and Indonesia. The Philippines lies to the east of Malaysia.

Climate

It is generally warm, wet and humid throughout the year in Malaysia, with temperatures ranging between 21 degrees to 32 degrees Celsius. It is usually cooler in the hill resorts.

Population

Malaysia's population is around 26 million. It is a multi-ethnic nation comprising three major races, namely Malay, Chinese and Indians. There are also smaller groups in the community such as the Sikhs, Eurasians and the indigenous groups like the Ibans, Bidayus, Kadazans and Murut who are mostly residing in the State of Sabah and Sarawak.

Time

Malaysia is 8 hours ahead of GMT and 16 hours ahead of U.S. Pacific Standard Times.

Clothing

Light clothes made of materials such as cotton and linen are usually worn in Malaysia.

Entry Requirements

Persons seeking to enter Malaysia must be in possession of valid passports or other internationally recognized travel documents endorsed for travel to Malaysia. Such passports or other travel documents must be valid for at least 6 months beyond the period of stay allowed in Malaysia. In the case of a national passport not recognized by Malaysia, the holder must be in possession of a document in lieu of a passport obtained at the nearest Malaysian Mission abroad.

Applications Process

The Government of Malaysia is pleased to invite the respective countries to nominate suitable candidates. Closing date for application is **April 28, 2008**. Applications submitted after the closing date will not be considered. All applications must be made using standard application forms obtainable from official representatives (Embassies or High Commissions) of the Malaysian Government in the applicant's respective countries. **All applications must be submitted through the applicant's government or the official representatives of the Malaysian Government** and must reach the following address **ten (10) weeks** before the commencement of the course.

**Director
Environment Institute of Malaysia (Ei MAS)
Department of Environment
Universiti Kebangsaan Malaysia (UKM) Campus
Locked Bag No. 24
43600 UKM BANGI
SELANGOR**

Telephone : 603 – 8926 1500/ 8929 7610

Fax : 603 – 8926 1700

E-mail : mtcp-eimas@doe.gov.my

<http://www.doe.gov.my/eimas>

Further Enquiries

For further enquiries regarding the course, applicants can contact the official Malaysian representative in their respective countries, or write or e-mail to the above address.