

## background

Communities in the Asia and Pacific region face high levels of risks and hazards. The impact of these events not only include mass casualties and extensive damage to infrastructures, but also psychological trauma, increased level of malnutrition and the potential for the spread of communicable disease. Those involved in the planning and management of health services at the national level must be conversant with the issues facing public health in emergency situations in order to make effective public health policy. However, there is a lack of comprehensive courses on public health in emergencies in the region. Considering this, ADPC in collaboration with WHO has designed and presents a series of courses on Public Health and Emergency Management in Asia Pacific (PHEMAP).

## purpose

The purpose of the course is to help countries of the region to develop more effective policy, procedures, plans, guidelines and standards of best practice for health sector emergency management

## objective

The Course will give the participants knowledge of:

1. The contextual issues of hazards and emergencies and their health consequences, in relation to other health sector
2. The conceptual and technical challenges in measuring disasters and their impact.
3. The principles of risk management and general emergency management concepts.
4. The principles of health sector damage assessment and needs analysis.
5. The role of epidemiology as a tool for decision making in emergencies.
6. The organization and management of services for mass casualties.
7. The principles for effective management of public health problems in an emergency situation.

## objective

8. The current standards of international best practice in specific public health issues.
9. The process of emergency management policy formulation, implementation and review.
10. The importance of developing detailed technical guidelines and specific reporting systems for all aspects of health sector involvement in emergencies.

## course curriculum

### Module I: The Context of Emergencies in Asia and the Pacific

Module one explains the nature, types & characteristics of emergencies, their impact on public health & analyses the options for assessment of impact.

### Module II: An Introduction to Risk Management

Module two presents new concepts which are evolving in the field of emergency management. This module will provide an overview of the subject and explore how the techniques can be used in the health sector.

### Module III: Health Sector Damage Assessment and Needs Analysis

This module outlines the major principles and steps in assessing damage to health structure & analyzing the health needs in emergencies & disasters. It provides a strong emphasis on preparedness.

### Module IV: Public Health in Emergencies

This module includes Epidemiology, Prevention & Control of Communicable Diseases, Environmental Health, Psychosocial First Aid, Mental Health, Hospital Disaster Preparedness, Management of Mass Casualty, Food & Nutrition & Gender Considerations.

### Module V: Management of Mass Casualties and Hospital Planning

This module incorporates a simulation exercise and planning mass trauma services, coordination of trauma units and reporting formats.

## course curriculum

### Module VI: Managing Essential Drugs and Medical Supplies in Emergency Situations

The module includes Management of Essential Drugs & supply management.

### Module VII: Public Information and Dealing with the Media

The module includes topics on communication skills, promotion & advocacy, media & information & training and education.

### Module VIII: Recovery and Rehabilitation Issues for the Health Sector

This module will provide an understanding of how to develop a health sector policy, technical guidelines and reporting formats for planning recovery and rehabilitation programmes after an emergency.

### Module IX: Professional Development Issues

This module deals with essential management skills.

## course language

All teaching and course materials are in English. It is essential that participants are fully conversant in English.

## phemap participants

The course will be relevant to senior health professionals such as national and provincial MOH officers, health sector emergency managers, hospital directors, teaching staff from academic institutions, designated WHO programme focal points and other relevant health professionals. Ideally, participants should be involved in formulating and/or updating national policies and strategies for emergency health management, or in national training and educational programmes, as part of their normal duties.

## criteria for selection of PHEMAP-4 participants

Criteria for selection of participants:

1. Senior level public health management officers who are holding director positions and above from the national or provincial level staff from the Ministry of Health and other emergency health management units in the region
2. Should be involved in emergency health management but not limited to doctors
3. Involved in current and future policy formulation
4. At least five years in active service

## resource persons

Public Health and Emergency Management experts from WHO, globally reputed international NGO's and technical agencies, will compliment ADPC faculty in presenting the course.

## course venue

The course will be held at the Asian Institute of Technology (AIT). Located 42 km. north of Bangkok (16 km. north of the Don Muang International Airport) on Phaholyothin Road. Transport from the Airport is available from the Limousine service (Baht. 600, US\$ 16) or Taxi service (Baht. 200-250). A Taxi from central Bangkok will cost a minimum of Baht. 300 depending on traffic conditions at the time. For more information about AIT, please visit the following website: <http://www.ait.ac.th/AIT/visit.html> and <http://www.ait.ac.th/AIT/aitloc.html>

## course organizers

The course is being organized by the Asian Disaster Preparedness Center (ADPC) and the World Health Organization Western Pacific and South East Asia Regional Offices (WHO / WPRO & SEARO) with funding from the Royal Government of Norway and WHO.

## Asian Disaster Preparedness Center

A regional resource center established in 1986, ADPC works with governments, NGOs and communities of Asia and the Pacific region to strengthen their capacities in disaster preparedness, mitigation and response through training, technical assistance, information sharing, research and implementation of field level programs.

*"ADPC's vision is safer communities and sustainable development through disaster reduction"*

### adpc mission:

To reduce the impact of disasters on communities and countries in Asia and the Pacific by raising awareness, helping to establish and strengthen sustainable institutional mechanisms, enhancing knowledge and skills, and facilitating exchange of information, experience and expertise.

## World Health Organization

The objective of WHO is the attainment by all people of the highest possible level of health. In order to achieve its objectives, WHO undertakes various functions such as acting as the coordinating authority on international health work, providing technical assistance, providing health services and facilities to special groups, and developing international agreements and regulations among others.

## course administration

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Asian Disaster Preparedness Center

safer communities and sustainable development through disaster reduction

## 4th Inter-regional Training Course on Public Health & Emergency Management in Asia & the Pacific



# PHEMAP - 4

19-30 April 2004  
Bangkok, Thailand

organized by  
Asian Disaster Preparedness Center

in cooperation with



Royal Government of Norway  
and



World Health Organization