

Thailand's Annual International Training Course (AITC) 2017

“Natural Disasters Management”

I Course Title: Natural Disasters Management

II Duration: 8 – 26 May 2017 (19 days)

III Closing date for application: 27 March 2017

IV Background and Rational

Currently, the World is facing a number of natural disasters. The recent ones that caused devastating damages are earthquake, tsunami, heavy rain, floods, landslides and sinking holes. One of the main cause of natural disasters is activities in our daily life. Therefore, natural disaster management is very important. Especially, people living in risk areas should be properly and timely warned, while the damaged areas should be mitigated and affected people be relieved, rehabilitated and empowered by appropriate occupational training in order to improve their living.

The training program on natural disaster management focuses on how to manage natural disaster situation, such as earthquake, tsunami, floods, landslides and sinking holes, both before and after the phenomena. The capacity to manage the situation depends, to a large extent, on effective collaboration and coordination between government and other sectors, especially through effective communication. Another focus is on community-based natural disaster management with holistic livelihood patterns that aims at building up capacity to manage and/or prevent natural disasters sustainably in the long term. This includes the sharing of knowledge, experiences and skills concerned with environmental and natural resources preservation. Community motivation and mobilization will be discussed to ensure continued community ownership and responsibility to help prevent natural disasters while preparing for the worst case scenario.

V Course Objectives

- To create understanding on basic knowledge concerning natural disaster and risk management
- Participants are able to develop idea to improve the effectiveness of natural disaster and risk management in their countries.

- To develop a network among personnels working on natural disaster preparedness and awareness

VI Course Contents

Course Outline

- 1) General: An overview of natural disaster occurrence and management in Thailand
- 2) Earthquake: Earthquake occurrence, risk and self-protection
- 3) Volcanic Eruption: Volcanic eruption occurrence, risk and self-protection Tsunami occurrence, risk and self-protection
- 4) Tsunami: Tsunami occurrence, risk and self-protection
- 5) Storm and Heavy Rain: Storm and Heavy rain occurrence, risk and self-protection
- 6) Flood: Flood occurrence, risk and self-protection
- 7) Landslide: Landslide occurrence, risk and self-protection
- 8) GIS for Disaster Management
- 9) Technology for Risk Assessment : Case Study of Landslide
- 10) Sinkholes: Sinkholes occurrence, risk and self-management and mitigation
- 11) Coastal Erosion: Coastal Erosion occurrence, risk and self-management and mitigation
- 12) Disaster Management: Lesson learned on natural disaster management: local and regional experiences for development
- 13) Disaster Management: Prevent loss of life and damage to critical infrastructure
- 14) Disaster Management: Data integration to cope with the disaster
- 15) Disaster Management: Knowledge management in community for natural disaster preparedness and awareness
- 16) Disaster Management: Community-based natural disaster management
- 17) Disaster Management: Urban disaster risk management
- 18) Disaster Management: Social Network: Case study flooding in Thailand
- 19) Disaster Management: Incident Command System (ICS) using to properly manage during crisis

Workshop/Practices

- 1) Case studies on natural disaster management
- 2) Practices on natural disaster preparedness and awareness, communication for natural disaster crisis

Study Trips/Field Trips

- 1) One-day field trip in the topic of “Earthquake, Flood and Landslide: Management and Mitigation”
- 2) Two-day field trip in the topic of “Environmental Management for Natural Disaster Reduction”

Advance Assignments (to be submitted no later than 20 April 2017)

Participants are required to submit a Country Report (Template to be circulated) on general information of their work and their countries as well as;

- The current situation on natural disasters occurrence and natural disasters management in their country.
- Country policy related to natural disasters management and environmental management for natural disaster reduction.
- Best practices related to natural disaster preparedness and awareness, communication for natural disaster crisis.
- Lessons learned about natural disaster management in their countries.

VII Number of Participants: 20 persons

VIII Qualifications

Candidates must possess qualifications as specified in “Guideline for Thailand’s Annual International Training Course Programme” No. 2 “Qualifications” as well as following qualifications.

- Have more than 2 years working experience in related fields.
- Current work positions at practitioner or intermediate level
- Graduated with Bachelor Degree or Higher Degree

IX Venue

Faculty of Environment and Resource Studies,
Mahidol University
Salaya Campus
Phuttamonthon 4 Rd., Salaya,
Phuttamonthon, Nakhon Pathom 73170, Thailand

X Evaluation

Participants are required to attend all activities organized during the course as attendance in all sessions is obligatory. TICA reserves the rights to revoke its fellowship offer or take appropriate action deemed appropriate in case a participant is in attendance of less than 90 percent of the training hours.

XI Training Institution:

Faculty of Environment and Resource Studies,
Mahidol University
Salaya Campus
Phuttamonthon 4 Rd., Salaya,
Phuttamonthon, Nakhon Pathom 73170, Thailand

XII Contact

For more information, please contact;
Bureau of International Cooperation on Human Resource Development
Thailand International Cooperation Agency (TICA)
Government Complex, Building B, 8th Floor, Chaengwattana Rd. Laksi District,
Bangkok 10210 THAILAND
Website: www.tica.thaigov.net
Email: aitc@mfa.go.th
