

Thailand's Annual International Training Course (AITC) 2017
"Waste Management and Wastewater Treatment for Sustainability"

I Course Title: Waste Management and Wastewater Treatment for Sustainability

II Duration: 9 – 28 November 2017

III Closing date for application: 18 August 2017

IV Background and Rational

Population growth and economic growth are among the major causes of environmental degradation and pollution especially through generation of waste and wastewater. At the same time, the pollution prevention and waste management method especially in developing countries are still underdeveloped. Inappropriate management of waste and wastewater is an alarming issue for developing world as rapid increase of waste is being generated. Dumping of waste on vacant land and discharge of untreated wastewater into a river have caused immeasurable environmental and health effects. The pollutants and toxic substances released from the illegal dumping sites possibly contaminate land, groundwater and surface water nearby. It also creates momentous affects to aquatic lives, residence in the vicinity area of the dumping sites and along the rivers. This problem is not limited only to local level but to the global level as well. The uncontrolled emission of greenhouse gases from the degradation of organic substances in waste and wastewater such as methane and carbon dioxide is one of the major concerned in global warming issue.

Thailand has taken steps to improve the municipal solid waste management and wastewater treatment during the past decade. The Annual International Training Course on "Waste Management and Wastewater Treatment for Sustainability" aims at providing understanding on the principles underlining effective waste management from generation, collection, transport, reuse, recycle and disposal and technology for wastewater collection and treatment. In addition, the method to transform organic substances in waste and wastewater to the energy will also be introduced during this program. The course will be conducted by the Faculty of Environment and Resource Studies, Mahidol University, which has extensive experience in conducting research in this area.

V Course Objectives

- To introduce concepts, principles and knowledge on municipal solid waste management and waste and wastewater treatment technologies.
- To enhance practical knowledge, technology and skills in the area.

VI Course Contents

Course Outline

- Perspective of Waste Management
- Industrial Waste and Hazardous Waste Management
- Overview of Wastewater Treatment/Wastewater Collection System
- Waste as a Resources
- Biological Treatment of Waste (Composting & Anaerobic Digestion)
- Chemical Treatment of Waste (Incineration for Non HW/HW and Infectious Waste)
- Land Disposal
- Central Wastewater Treatment System for Urban Area (Activated Sludge/ Oxidation Ditch/RBC)
- On-Site/Individual Wastewater Treatment System/WWT System for Rural Area (Stabilization Pond/Septic Tank)
- WTE: Sludge/Organic Waste Digestion in Anaerobic Process/ Biogas utilization for Energy in Small Scale
- WTE: Gasification/Pyrolysis/Cement Kiln/Plastic Waste to Oil
- E-Waste/Special Categories of Waste Basel Convention/Stockholm Convention
- Illegal Dumping/Discharge: Investigation and Remediation
- Site Selection and GIS Application
- Waste and Wastewater Global Warming Issue
- Public Participation/ Fee Collection

Study visits include, such as;

- WWTP Dindaeng or Bangsue and Saimai Transfer Station
- Nhong Kham Incineration Plant WTE and Nontaburi Site/Night soil, compostion, Landfill, Infectious Incinerator

Country Report

All participants are required to submit and prepare for a presentation of a country report which contains information on situation in their respective countries/territories concerning the training topic. Template will be circulated to successful candidates.

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.

- Below 40 years of age
- Currently working in relevant areas with experience more than two (2) years.
- Graduated with Bachelor degree or higher degree in relevant fields.

IX Application

- Nomination must be made by central government agencies in charge of nomination of national candidates (such as Ministry of Foreign Affairs) or by relevant central government agencies for which the nominated candidates currently work. Nomination must be in line with relevant rules and regulations of the nominating countries/territories.
- Each eligible countries/territories are invited to nominate up to two (2) candidates per course.
- The application must be submitted to TICA through the Royal Thai Embassy/ Permanent Mission of Thailand to the United Nations/ Royal Thai Consulate-General accredited to eligible countries/territories. (See "List of Eligible Countries/Territories")

For more information on qualifications, application forms, and application procedures, please visit our website at <http://www.tica.thaigov.net/main/en/information/73803-Annual-International-Training-Course.html>

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 and Venue:

Faculty of Environment and Resource Studies,
Mahidol University, Salaya Campus
Nakhon Pathom, 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



Thailand International Cooperation Agency
Ministry of Foreign Affairs of Thailand

GUIDELINES

for Thailand's Annual International Training Courses (AITC) Programme

1. About AITC

Realizing a significance role of Human Resources Development in economic and social development, the Royal Thai Government attaches great importance towards forging cooperation through South-South Cooperation, particularly through organizing short-term training programmes. The Annual International Training Courses (AITC) is one of flagship programmes conducted by Thailand International Cooperation Agency (TICA). Aiming at sharing Thailand's best practices and experiences to the world, the AITC programme offers short-term training courses under a wide range of development-related topics.

AITC course is categorized under four plus one themes. The highlighted themes is Sufficiency Economy Philosophy (SEP), the key factor behind Thailand's achievement of sustainable development in many areas. The other themes are areas in which Thailand's best practices can help address global challenges. They include Food Security, Climate Change, Public Health and other Sustainable Development Goals (or SDGs) related topics. To keep up with the dynamism of sustainable development agendas, the AITC courses are updated regularly with the main themes revised every three years. During 2017 - 2019, TICA is pleased to offer more than 90 short-term training courses with the expected number of participants of nearly a thousand from developing countries around the world.

2. Qualifications

2.1 Candidates must be nominated by central government agencies in a country from the AITC eligible countries/territories list. (See "List of Eligible Countries/Territories")

2.2 Candidates should be an officer or agent (preferably from government agencies) currently working in the area related to the training topic.

2.3 Candidates must have a degree and/or professional experience suitable to the training topic.

2.4 Candidates must have a good command of English.

2.5 It is recommended that candidates be less than 55 years of age.

2.6 Candidates must be in good health.

2.7 Nomination of female candidates is encouraged.

2.8 TICA reserves the rights to revoke fellowship offered to participants who are pregnant during the period of training.

3. Procedures for submission of nominations

3.1 Nomination must be made by central government agencies in charge of nomination of national candidates (such as Ministry of Foreign Affairs) or by relevant central government agencies for which the nominated candidates currently work. Nomination must be in line with relevant rules and regulations of the nominating countries/territories.

Each eligible countries/territories are invited to nominate up to two (2) candidates per course.

3.2 The nomination must be supported by the following two documents;

- Application form
- Medical Report

Two (2) copies of originals of all forms duly filled out, counter-signed and stamped by the authorized person must be submitted.

3.3 The nomination must be submitted to TICA through the Royal Thai Embassy/ Permanent Mission of Thailand to the United Nations/ Royal Thai Consulate-General accredited to eligible countries/territories. (See "List of Eligible Countries/Territories")

3.4 Originals of nomination documents, duly filled out, must be received no later than a specified deadline of each course.

3.5 Application form must be filled in typed-block letter. Soft file of the Application Form and Medical Report Form can be found at

<http://www.tica.thaigov.net/main/contents/files/information-20161217-152430-795372.pdf>

4. Selection of candidates

4.1 In considering applications, particular attention shall be paid to the candidates' background, their current position in the service of their Government, and practical use they expect to make of the knowledge and experience gained from training on the return to their Government positions.

4.2 Selection of participants is also based on geographical distribution and gender balance, unless priority is set for particular country/ group of countries.

4.3 TICA will inform all successful applicants through the Royal Thai Embassy/ Permanent Mission of Thailand to the United Nations/ Royal Thai Consulate-General accredited to eligible countries/territories. Moreover, name list of successful applicants will be posted on TICA's website approximately two weeks before the commencement of the course.

4.4 No written notification will be sent to unsuccessful applicants.

5. Duration of the courses

All AITC courses are carried out on a full-time basis. The exact dates for each course are as specified.

6. Attendance and Activities of the Programme.

6.1 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.

6.2 Each AITC course is designed according to its respective purpose. Most courses comprise three segments: lecture, field visit and workshop.

6.3 Participants are required to prepare their country report on topic relevant to the training course prior to the beginning of the course and prepare for their presentation during the course.

7. Travel and financial arrangements

7.1 Successful candidates will be offered an award which covers:

- Return economy class airfare
- Accommodation for the duration of training in Thailand
- Training allowance
- Social programme

- Insurance
- Airport meeting service

7.2 Regulations on travel and financial arrangements

- International travel - Return economy class air ticket will be provided via the most direct and most economical route from the international airport at participant's respective country/territory to the location where the course will take place. The award does not cover domestic travel cost in participant's respective country.

Transit destination will be arranged according to a need for visa application to Thailand and/or on the most direct and most economical route basis.

All booking and change to the booking, including a setting of date of arrival and departure, must be done by TICA only. Ticket will be issued in electronic form (e-ticket) only.

Baggage allowance quota is in line with the airlines' policy. Any purchase for extra baggage allowance is not covered by the award.

- Training allowance - Participants are entitled to receive a daily allowance in the course of the programme at the rates established by the Royal Thai Government which is designed to cover the cost of all meals. Therefore, the daily allowance will be reduced if meals are provided by the organizers. The allowance is not a salary or an honorarium. The allowance is not intended to cover the fellow's continuing expenses at home, nor personal expense. Therefore, it is suggested that each participant should bring some pocket money to cover their personal expenses. Allowance and all reimbursement will be made in Thailand and in Thai Baht (THB) only.

- Insurance - Group Accident and Hospitalization Insurance during the period of training in Thailand will be provided. The insurance does not cover pre-existing illnesses and outpatient medical/dental treatment. Participants are advised to obtain their own travel insurance which is fully covered for any costs arising from loss or theft of personal belongings.

- Accommodation - Accommodation will be provided to all participants during their training in Thailand at designated hotel/accommodation. Any cost arising from accommodation arranged by participants themselves cannot be reimbursed in all case. Accommodation does not cover any cost arising from participant's personal consumption i.e. mini bar, international/local call or internet (unless provided as compliment by the hotel.)

- Visa arrangement – Participants will be responsible for obtaining appropriate visa prior to their travel to Thailand, if required. List of countries entitled for visa exemption and visa on arrival to Thailand can be found at <http://www.consular.go.th/main/th/customize/62281-Summary-of-Countries-and-Territories-entitled-for.html>. TICA will provide facilitation to participants who require visa application i.e. liaising with the Royal Thai Embassy/ Consulate and advising on appropriate procedure and necessary documents for visa application.

Participants must cover all costs arising from visa application i.e. visa fee, travel cost to the Royal Thai Embassy/ Consulate, postal fee (in case visa application is made by post,) transit visa fee (in case participants needs to apply for visa to Thailand at a transit country). The visa fee can be reimbursed upon presenting an original receipt of the fee but not exceed 2,000 THB.

Participants must not bring their family members with them during their training period. Participation in the training cannot be used as reference for visa application to Thailand of his/her family member.

- Airport meeting service – Transfer to and from airport will be provided to participants. TICA will coordinate directly with the limousine service to prepare for the airport transfer.

8. Contact

For more information, please contact;

Bureau of International Cooperation on Human Resource Development

Thailand International Cooperation Agency (TICA)

Government Complex, Building B (South Zone), 8th Floor,

Chaengwattana Rd. Laksi District,

Bangkok 10210

THAILAND

Website : www.tica.thaigov.net

Email : aitc@mfa.go.th



Thailand International Cooperation Agency
Ministry of Foreign Affairs of Thailand

APPLICATION FORM
for Annual International Training Course (AITC) Programme

<p>INSTRUCTIONS</p> <p>The AITC application form is composed of four parts. Part A to part C must be completed by candidate and part D by central government agency*. All fields are mandatory. Application form must be filled in <u>typed-block letter</u>. The nomination must be supported by this application form and medical report. Two (2) copies of originals of all documents duly filled out, counter-signed and stamped by the authorized person must be submitted to TICA through the Royal Thai Embassy/ Permanent Mission of Thailand to the United Nations/ Royal Thai Consulate-General accredited to eligible countries/territories. Originals of nomination documents, duly filled out, must be received no later than a specified deadline of each course. Soft file of this application form can be downloaded at http://www.tica.thai.gov.net</p> <p>* For detailed information on nomination process, please see "Guideline for AITC"</p>	<p>(Please attach photograph here)</p>
<p>Course Name:</p>	

A. PERSONAL HISTORY (Please attach a copy of your passport)

Title	Family name	Given name	Other name			Gender	
<input type="radio"/> Mr. <input type="radio"/> Ms. <input type="radio"/> Mrs. <input type="radio"/>						<input type="radio"/> Male <input type="radio"/> Female	
City and country of birth	Nationality	Date of birth (DD/MM/YY)			Age	Marital Status	Religion
<p>Work address:</p> <p>Telephone No: (Country Code / Area Code / Number)</p>			<p>Home address:</p> <p>Telephone No: (Country Code / Area Code / Number)</p>				

Email address:

Preferred International Airport of departure/arrival :

Contact person in case of emergency:
Name: Relationship of this person to you:
Telephone No: Email:

LANGUAGE

English proficiency	Read			Write			Speak		
	Excellent	Good	Fair	Excellent	Good	Fair	Excellent	Good	Fair

Mother tongue:

EDUCATION

Name of Institution	City / Country	Years attended		Degrees, Diplomas and Certificates	Special fields of study
		From	To		

Have you ever been trained in Thailand? If yes, please specify course name and duration.
 No
 Yes, please specify

B. EMPLOYMENT (Important to give complete information)

Employee	Period (from-to)	Title of Position	Duties and Responsibilities

C. EXPECTATIONS

Please describe your present work/responsibilities and the practical use you will make of this training/study on your return home in relation to the responsibilities you expect to assume. (attached paper, if necessary)

I certify that my statements in answer to the foregoing questions are true, complete and correct to the best of my knowledge and belief. If offered the training award, I undertake to :-

- (a) conduct myself at all time in a manner compatible with my responsibilities as a participant of the training course;
- (b) spend full time during the period of the programme as directed by TICA and training Institution;
- (c) refrain from engaging in in political, commercial, or any other activities except those governed by the training programme;
- (d) submit a well-researched country report or any papers and make a prepared presentation as assigned;
- (e) accept the travel arrangements and the financial conditions relating to the fellowship provided by the Royal Thai Government
- (f) return to my home country upon the completion of my course of training.

Signature of candidate:

Printed name:

Date:

D. NOMINATION: To be completed by authorized person of the nominating agencies of the AITC eligible countries/territories. (See "Guideline for AITC" for detailed information on nomination.

<p>I certify that;</p> <p>(a) The activities under this training will contribute to the specialization of the nominee. And in the case of a fellowship being granted to the nominee, full use would be made of the fellow's expertise in the field covered by her/his fellowship;</p> <p>(b) to the best of my knowledge, all information supplied by the nominee is complete and correct;</p> <p>(c) to the best of my knowledge, the nominee has adequate knowledge and experience in related fields and has adequate English proficiency for the purpose of the fellowship in Thailand.</p> <p>On return from the fellowship, the nominee will be employed in the following position:</p> <p>Title of post</p> <p>Duties and responsibilities.....</p>	
<p>Official stamp:</p> <p>Organization:</p> <p>Official address:</p>	<p>Signature of responsible government official</p> <p>Name and title of responsible government official</p>
<p>Telephone no.:</p> <p>Facsimile:</p> <p>Email:</p>	

MEDICAL REPORT

INSTRUCTIONS

To be completed in capital letters by a registered medical practitioner after thorough clinical and laboratory examination including x-ray of chest.

Name of Nominee:

Age :

Gender :

Nationality:

1. Is the person examined at present in good health and able to work full time?

2. Is the person examined able physically and mentally to carry on an intensive study programme away from her/his duty station/home place?

3. Is the person examined free from infectious diseases which could present risks for both the candidate and her/his contacts during the fellowships?

4. Does the person examined have any medical conditions which might require treatment during her/his fellowships?

5. (For female nominee) Is the person examined pregnant?

I certify that the person examined is medically fit to undertake a training course in Thailand.

Physician signature (with stamp)

Full name and address of examining physician:

Place and Date:

Telephone no.:

Email: