



AIT

Asian Institute of Technology

Call for Participants

Asian Program for Incubation of Environmental Leaders (APIEL) has called for participants for the field course on “Sustainable Urban Water Use and Management.” It will be jointly organized by the Asian Institute of Technology, Kasetsart University and the University of Tokyo from 19-27 August 2011.

1. APIEL

Asian Program for Incubation of Environmental Leaders (APIEL) is the University of Tokyo's educational program to foster future environmental leaders in Asia. APIEL was established in 2008 as a joint program for students in the Department of Urban Engineering, Graduate School of Engineering and the Graduate Program in Sustainability Science, Graduate School of Frontier Sciences of the University of Tokyo, and for students in its collaborating institutions in Asia. It aims at inter-disciplinary and multifaceted approaches and inter-regional resonance by building partnerships and networks throughout Asia to tackle local, regional and global environmental challenges.

The field course is the main focus of the program, which enables to broaden the perspectives of the students and cultivate on-the-ground competency to identify and resolve problems through various activities.

2. Field Course Outline

Title Sustainable Urban Water Use and Management

Background and Scope

Water resource management is one of the most critical environmental issues in the global to local scales. Especially, tropical regions often suffer from vulnerable water resources and limited access to safe water. This field exercise unit focuses on Bangkok case of urban water use in the context of tropical region and of local community-based management. The topics and activities of the program includes water demand from three sectors, that are urban, industrial and agricultural sectors, water quality survey (water sampling at Chao Phraya river), promotion of 3R (Reduce, Reuse and Recycle) of water resources, water pricing, etc., communicating with various experts from various institutions. This field course is organized by The University of Tokyo in collaboration with Asian Institute of Technology and Kasetsart University, Thailand. Students from the three universities will be mixed to form working groups to tackle with their own tasks at the field. We encourage students that the outcome of their group work should be submitted to a poster session in the International Symposium on Southeast Asian Water Environment to be held in Bangkok, Thailand from Dec 1-3, 2011. As part of this field course, the participants of the accepted papers are also invited to attend the symposium.

Organizations

- Environmental Engineering & Management (EEM), School of Environment, Resources and Development, Asian Institute of Technology (AIT), Thailand
- Department of Environmental Engineering (DEE), Faculty of Engineering, Kasetsart University (KU), Thailand
- Asian Program for Incubation of Environmental Leaders (APIEL), The University of Tokyo (UT), Japan (<http://www.envleader.u-tokyo.ac.jp/>)

Place AIT and field sites in Bangkok



3. Program

1) **Kickoff meeting:** Televised meeting between AIT and UT, 13:30-15:30 July 19th

2) **Field program from Aug 19th to 27th:**

Date		A		B		C		D		E		
Venue		Morning 9:00-10:30		Morning 10:50-12:20		Afternoon 13:30-15:00		Afternoon 15:20-16:50		Evening		
0	18-Aug Thu	AIT	UT students arrive at the BKK airport and move to AITCC									
1	19-Aug Fri	AIT	Opening & Introduction	Lecture 1: Prof. Visvanathan/AIT		Lecture 2: Prof. Furumai/UT		Exercise 1		Dinner		
2	20-Aug Sat	AIT	Lecture 3 : Dr. An/UT		Exercise 2		Field Work 1: Green Building			Group work (Optional)		
	21-Aug Sun	AIT	Free Activity									
3	22-Aug Mon	AIT	Group Work : Setting the theme of group work		Lecture 4 : Dr. Chiemchaisri/KU		Lecture 5 :		Lecture 6 :		Group work (Optional)	
4	23-Aug Tue	AIT	Field work 2: Wastewater reuse application, Water quality sampling in boat trip along Chao Phraya river									
5	24-Aug Wed	AIT	Lecture 7 :		Lecture 8 :		Lecture 9 :		Group work : Interim progress report		Group work (Optional)	
6	25-Aug Thu	AIT	Field work 3: JICA project, Wastewater reuse in agriculture									
7	26-Aug Fri	AIT	Group work									
8	27-Aug Sat	AIT	Final presentation		Closing ceremony		Farewel Lunch					
9	28-Aug Sun		UT students return to Tokyo									

(Detailed program with the lecture title and resource persons name will be provided by early July, with the filed visit details)

4. Application

Eligibility: Graduate students from, AIT and DEE, KU. Expected number of participants is maximum five from each university. (Participants from UT will be five master/doctoral students and APIEL faculties who will be staying at AIT Conference Center.)

Requirements: Certificate of the program is awarded on completion with full attendance. Pre-assignment is also given before the program. Evening group work is optional.

Cost: Local transportation expense for the field work will be covered by the program. Note that personal expenses and meals during the field course will not be covered.

Deadline: Please reach the contact person at your university **by 1 July, 2011.**

5. Contact person and email address of application

Dr. Chettiyappan Visvanathan, Professor, AIT visu@ait.ac.th

Dr. Chart Chiemchaisri, Associate Professor, KU fengccc@ku.ac.th

Dr. Tomomi Hoshiko, APIEL program coordinator, UT hoshiko@env.t.u-tokyo.ac.jp