

## 2013 ProSPER.Net Young Researchers' School

### 'Partnerships in Water and Biodiversity for Sustainable Development'

9-20 September 2013, Bangkok, Thailand

Chulalongkorn University, AIT, Prince of Songkla University

#### Programme

##### General description:

- the aim of the researchers' school is to offer an opportunity for students to be exposed to sustainability issues, while developing research skills, and to further encourage a network of students/future professionals and academics working on sustainable development.
- the programme shall provide the following:
  - specific knowledge regarding the theme;
  - opportunities for research skills development, including research communication skills through activities like the 3-minute thesis competition<sup>1</sup> and Our World 2.0<sup>2</sup> workshop. The aim is to help students frame their research in a simplified manner and thus reach broader audiences;
  - interaction among participants and resource persons through group activities and field trips, that will provide context and content for students to develop a research proposal looking at how different policies and projects can be interlinked and provide integrative solutions for various sustainability challenges.
- resource persons' lectures will be split between introductory and methodological themes prior to the fieldtrips and analytical/synthesizing themes after the fieldtrips to aid the students in the development of their research proposal.

##### Practical considerations:

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<sup>1</sup> The 3-minute thesis competition is an activity whereby researchers present an outline of their research in three minutes using 1 slide. It is aimed at an educated but non-specialist audience and graded according to three criteria: clarity of presentation, comprehension and the engaging nature of the research.

<sup>2</sup> Our World 2.0 is UNU's web magazine, an online publication with contributions from a wide range of academics, researchers and students, where it is possible to disseminate their work, including their thinking, solutions and innovative approaches to global challenges of climate change, food, biodiversity and oil. For more information, see <http://ourworld.unu.edu>.

- there are two sessions in each morning and afternoon period. A 15 minute break will take place between each activity
- a core team of 4-5 resource persons shall participate in the entire programme, to coordinate activities, facilitate group work sessions and take the responsibility of any decisions during the delivery of the researchers' school.
- in view of previous year's experience, lecture slots are scheduled for 90 minutes in total including presentation, questions and general discussions.
- 3 field trips are scheduled around the themes of water and biodiversity.

### 8 Sep, Sun

Arrival

9 Sep, Monday	Time		Activity	Presenter
	9:00-9:30	30'	Opening Ceremony Welcome remarks	- CU, AIT, PSU - UNU-IAS
	9:30-10:15	45'	Keynote and Q&A	- Dr. Hubert Gijzen, UNESCO Regional Science Bureau for Asia and the Pacific
	10:15-10:30	15'	Coffee break	
	10:30-12:00	90'	Panel discussion	UNESCO, government, academia, private sector and NGO
	12:00	90'	Lunch	
	13:30-14:00	30'	Programme Introduction	UNU-IAS
	14:00-15.30	90'	Lecture 1 (Research methods – qualitative)	Dr. Prachit Hawat (CU)
	15.30	15'	Coffee Break	
	15.45-17.15	90'	Lecture 2 (Disaster management I – Floods)	Dr. Sutat Weesakul (AIT)
	17.15	15'	Close	

10 Sep, Tuesday	Time		Activity	Presenter
Field trip 1, AIT area			Departure	
	9:00-9:15		Welcome and opening remarks	
	9:15-9:30		Introduction of AIT “AIT: Mission and role in sustainable development in the region an beyond”	Prof. Sivanappan Kumar (AIT)
	9:30-10:00		AIT and Research Strategy	Prof. Kanchana

			Kanchanasut and Dr. Anil Kumar Anal (AIT)
	10:00-10:20		Coffee break
	10:20-11:00		Case study: AIT flood 2011 Dr. Noppadol Phien-Wej (AIT)
	11:00-11:30		Lessons: Disaster, Preparedness and Management Prof. Jayant Kumar Routray (AIT)
	11:30-12:30		AIT tour Mr. Aman Sangha (AIT)
	12:30-14:00		Lunch
	14:00-15:30		Workshop session/ Group Discussions on the lessons Dr. Anil Kumar Anal (AIT)
	15:30		Departure from AIT
			Arrival in Bangkok

<b>11 Sep, Wednesday</b>	<b>Time</b>		<b>Activity</b>	<b>Presenter</b>
	09:15-10:45	90'	Lecture 3 (Research methods – quantitative)	Dr. Pachsiry Chompukum (CU)
	10:45	15'	Coffee break	
	11:00-12:30	90'	Lecture 4 (Water management I)	Dr. Chatchai Ratanachai (PSU)
	12:30	90'	Lunch	
	14:00-15.30	90'	Lecture 5 (Our World 2.0)	Mr. Daniel Powell (UNU)
	15.30	15'	Coffee break	
	15.45-17.15	90'	Lecture 6 (Water management – related to Field trip 2, Rayong Province)	Dr. Somporn Kamolsiripichaiporn (CU), Dr. Chayawee Wangcharoenrung (Ministry of Natural Resource and Environment), Dr. Fairda Malem (Environmental Research and Training Center - ERTC), Dr. Tanapon Phenrat (Naresuan University)
	17.15		Close	

<b>12 Sep, Thursday</b>	<b>Time</b>		<b>Activity</b>	<b>Presenter</b>
Field trip 2,	6:45		Departure	
	10:00-12:00		Visit Map Ta Phut Industrial Estate	

Rayong Province	12:00-13:00		Lunch	
	13:00-14:00		Visit the first field-scaled <i>in situ</i> bioremediation for groundwater and soil remediation	
	14:00-15:00		Visit aquaculture area and Intertidal forest in Ao Pradoo	
	15:00		Departure from Ao Pradoo	
	18:00		Arrival in Bangkok	

13 Sep, Friday	Time		Activity	Presenter
	09:15-10:45	90'	Lecture 7 (Water policy)	Dr. Sucharit Koontanakulvong (CU)
	10:45	15'	Coffee break	
	11:00-12:30	90'	Lecture 8 (Disaster management II)	Dr. Sucharit Koontanakulvong (CU)
	12:30	90'	Lunch	
	14:00-15.30	90'	Lecture 9 (Watershed I)	Dr. Chatchai Ratanachai and Dr. Rotchanatch Darnsawasdi (PSU)
	15.30	15'	Coffee break	
	15.45-17.15	90'	Lecture 10 (Water management II)	Prof. Mukund S. Babel (AIT)
	17.15		Close	

14 Sep, Saturday	Time		Activity	Presenter
	09:15-10:45	90'	Lecture 11 (Disaster management III)	Dr. Tanit Chalermyanont (PSU)
	10:45	15'	Coffee break	
	11:00-12:30	90'	Lecture 12 (Watershed II)	Dr. Damien Jourdain (AIT)
	12:30	90'	Lunch	
	14:00-15.30	90'	Lecture 13 (Coastal zone I)	Dr. Amaratne Yakupitiyage (AIT)
	15:30	15'	Coffee break	
	15:45-17:15	90'	3-minute thesis practice	
	17:15		Close	

15 Sep,	Time		Activity	Presenter
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<b>Sunday</b> Free day				
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<b>16 Sep, Monday</b> Field Trip 3, Cha-am area	<b>Time</b>		<b>Activity</b>	<b>Presenter</b>
			Departure	
	9:50		Arrival at the Sirindhorn International Environmental Park (SIEP)	
	10:00-11:00		Visit Energy for Environment Center	
	11:00-11:15		Break	
	11:15-12:00		Guided walk through mangrove forest	
	12:00-13:00		Lunch at SIEP	
	13:00		Leave for Laem Phak Bia Environmental Study Research and Development Project (LERD)	
	14:00-16:00		Introduction and guided tour of facilities	
	16:00		Departure from LERD	
19:00		Arrival in Bangkok		

<b>17 Sep, Tuesday</b>	<b>Time</b>		<b>Activity</b>	<b>Presenter</b>
	09:15-10:45	90'	Lecture 14 (Agriculture I)	Dr. Sayan Sadudee (PSU)
	10:45	15'	Coffee break	
	11:00-12:30	90'	Life after Ph.D. panel	Attending resource persons
	12:30	90'	Lunch	
	14:00-15:30	90'	Research proposal development	Dr. Christopher Doll (UNU-IAS)
	15:30	15'	Coffee break	
	15:45-17:15	90'	Group work	Attending resource persons
17:15		Close		

<b>18 Sep, Wednesday</b>	<b>Time</b>		<b>Activity</b>	<b>Presenter</b>
	09:15-10:45	90'	Lecture 15 (Agriculture II)	Dr. Sylvian R. Perret (AIT)
	10:45	15'	Coffee break	
	11:00-12:30	90'	Lecture 16 (Cities and Biodiversity)	Dr. Christopher Doll (UNU-IAS)

	12:30	90'	Lunch	
	14:00-15:30	90'	Group work	Attending resource persons
	15:30	15'	Coffee break	
	15:45-17:15	90'	Group work	Attending resource persons
	17:15		Close	

<b>19 Sep, Thursday</b>	<b>Time</b>		<b>Activity</b>	<b>Presenter</b>
	09:15-10:45	90'	Group work	Attending resource persons
	10:45	15'	Coffee break	
	11:00-12:30	90'	3-minute thesis exercise	Attending resource persons
	12:30	90'	Lunch	
	14:00-15:30	90'	Group work	Attending resource persons
	15:30	15'	Coffee break	
	15:45-17:15	90'	Group work	Attending resource persons
	17:15		Close	

<b>20 Sep, Friday</b>	<b>Time</b>		<b>Activity</b>	<b>Presenter</b>
	09:15-10:45	90'	Summary of lectures and evaluation	Attending resource persons
	10:45	15'	Coffee break	
	11:00-12:30	90'	3-minutes thesis competition final	Attending resource persons
	12:30	90'	Lunch	
	14:00-15:30	90'	Group work presentations and Discussions	Attending resource persons
	15:30	15'	Coffee break	
	15:45-17:15	90'	Group work presentations and Discussions	Attending resource persons
	17:15		Close	
Evening		Gala Dinner		

**21 Sep, Sat**  
Departure