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Benjamart Chitsombo, 11:15 24/4/00 +07, ecotox short course

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X-Attachments: C:\My Documents\ecotox workshop.doc;

Center for International Affairs	
No.	87 / 2000
Date	25 APR 2000
Time	0905

Dear Dr. Umaly,

Attached please find the file of draft announcement for the short training course in ecotoxicological and human health risk assessment. Please feel free to change or add anything that make it look better. Thanks.
Benjamart

Attachment Converted: C:\EUDORA\ecotoxwo.doc

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A Graduate Equivalent Short Training Course on:

very well

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ECOTOXICOLOGICAL AND HUMAN HEALTH RISK ASSESSMENT
Aug 13-17, 2000

Background

At present, the increasing issue of ecotoxicology represents a major world wide problem and requires urgent attentions. However, the impacts of toxic substances upon ecosystems are complicated, difficult to describe, measure, and assess, particularly the effects and risks on human health. The sciences of ecotoxicological and human health risk assessment are extremely important, they have several applications in a variety of decisions and procedures in environmental policy, such as admission of pesticides, setting standards for maximum acceptable concentrations, support of emission-restricting measures, testing of activities with major consequences for the environment, spotting of new environmental problems, etc. The understanding of ecotoxicological and human health risk assessment will permit our detecting, analyzing, predicting and preventing the environmental devastation caused by human activity in the future.

About the Course

This short graduate equivalent training course covers many aspects of toxicology and emphasizes ecotoxicological and human health risk assessments. It is designed for people in industry, government or educators who are planning, or currently working in areas related to toxicology. The course will provide an overview of current, cutting-edge knowledge in both environmental and human health toxicology. Learners will be familiar with the process used to interpret biotoxicological data, understand the basis of techniques for risk assessment in human health and the ecosystem, and be able to apply the process of human and ecotoxicological risk assessment. In addition, the course is also designed to encourage participants to discuss and exchange ideas on how ecotoxicological research and risk assessment should be conducted and managed in Thailand which might lead to long term professional relationships in the future.

Day □ Topics □ Instructors □ □ Day 1

Aug 13 □ INTRODUCTION TO TOXICOLOGY

Chemical and biochemical toxicology

Chemical properties related to toxicology

Quantitative aspects of toxicology

Environmental toxicology

Assessing toxicity in the ecosystem

Toxicity testing procedures for terrestrial and aquatic

Organisms

Mammalian toxicology

Mammalian toxicity testing procedures □

Dr. N. Bunce

Dr. K.R. Solomon

recop done

Dr. L. Ritter □ □ Day 2

Aug 14 □ MEASUREMENTS IN TOXICOLOGY

Analytical methods in toxicology

Measuring effects in the ecosystem

Microcosms and mesocosms

Factors which influence environmental effects and impact

Interpretation of mammalian toxicity tests □

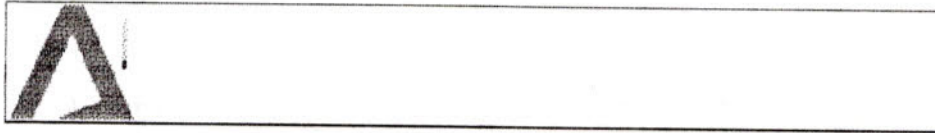
Dr. N. Bunce

Dr. K. R. Solomon

Dr. L. Ritter □ □ Day 3

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A Graduate Equivalent Short Training Course for Professionals Working in Toxicology Related Fields:

ECOTOXICOLOGICAL AND HUMAN HEALTH RISK ASSESSMENT

Aug 13-17, 2000

Suranaree University of Technology, Nakhon Ratchasima, Thailand

Jointly Organized by:

Centre for Toxicology, University of Guelph, Canada

Centre for International Affairs and School of Biology,

Suranaree University of Technology, Thailand

CIDA

IMPROVING ECOSYSTEM AND HUMAN HEALTH

THROUGH THE UNDERSTANDING OF TOXICOLOGY

Aug 15 □ INTERPRETATION OF TOXICOLOGY

Radiation toxicology and biochemical aspects of toxicology
Regulatory toxicology and risk assessment in mammals
Regulatory toxicology and risk assessment in the environment □

Dr. N. Bunce

Dr. L. Ritter

Dr. K. R. Solomon □ □ Day 4

Aug 16 □ PROBLEM SOLVING IN TOXICOLOGY

Practical exercises and problem solving in chemical toxicology
Practical exercises and problem solving in mammalian toxicology
Practical exercises and problem solving in environmental toxicology □

Dr. N. Bunce

Dr. L. Ritter

Dr. K. R. Solomon □ □ Day 5

Aug 17 □ Group discussion and field trip

Group discussion of future plans for research in ecological and human health risk assessment in Thailand

Field visit in Nakhon Ratchasima province □ □ □

Educational Process

The sessions will consist of lectures in which basic background information, concepts and principles of specific areas in toxicology will be presented. Practical exercises and problem solving will be used to help strengthen the knowledge learned from lectures. Days 1-4 will be divided up to allow brief discussion breaks about once every hour. Additional breaks will occur for morning and afternoon refreshments and lunch. The format will be informal, discussion and interaction will be encouraged.

Language

English.

Dates

13-17 August, 2000 (Four and a half day course and a half day of field visit in Nakhon Ratchasima province, Thailand).

Venue

Surasummanakhan, Suranaree University of Technology.

Participants

To ensure optimal interaction and for all participants to get to know each other, enrollment will be limited to 40 participants. Selection of participants in this course will take into account their experience and qualifications and the likely benefits of the course to them and their organizations. English proficiency is essential.

Training Fee

US \$200/person. The training fee covers course materials, lunch and refreshments, welcome reception and field trip.

Hotel Reservations

Hotel reservations at Surasummanakhan, Suranaree University of Technology can be made through the secretariat by completing the appropriate part of the registration form. The rates quoted are per room per night (including American breakfast).

Single Room US \$ /day or 600 baht/day

Double Room US \$ /day or 800 baht/day

Instructors:

Prof. Dr. Keith Solomon is Director of the Centre for Toxicology at the University of Guelph as well as Professor in the department of Environmental Biology. Dr. Solomon conducts research and teaches several courses in ecotoxicological risk assessment with a specific focus on pesticides

19-23 NW 2543

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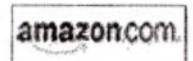
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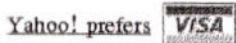
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Prof. Dr. Len Ritter is Executive Director of the Canadian Network of Toxicology Centres and has had many years' experience in toxicological and risk assessment for pesticides and food substances in relation to human health protection.

Prof. Dr. Nigel Bunce is a professor in the Department of Chemistry and Biochemistry at the University of Guelph. Dr. Bunce conducts research and teaches courses in environmental chemistry and related subjects.

Correspondence

Prof. Dr. Ruben Umaly

Assoc. Prof. Dr. Benjamart Chitsomboon

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Training Course on:
Ecotoxicological and Human Health Risk Assessment
Aug 13-17, 2000
Suranaree University of Technology, Nakhon Ratchasima , Thailand

Name _____

_____ First name _____ Family name

Nationality _____ Education _____

Level: _____

Position or

Title _____

Organization _____

Address: _____

_____ City _____ State / Province _____

Postal Code _____ Country _____

Tel _____ Fax No. _____ E-

mail _____

Payment by :

(Cheque (draft

(payable to Suranaree University of Technology)

(Bank transfer to Suranaree University of technology, Account No. ?????

The Siam Commercial Bank Public Company Limited, Suranaree University of Technology branch,
Nakhon Ratchasima

Signature _____

Date _____

Please send the registration form along with your payment to:

Director

Center for International Affairs

Suranaree University of Technology

111 University Avenue

Nakhon Ratchasima 3000

Thailand

(Send no later than than 31 July 2000, and Enrollment closed with 40 participants)

For further inquiries on course content / services, please contact with:

Mrs. _____ Tel. (044)-22-4141 (cenintaf@ccs.sut.ac.th) , fax (044)22-4140

Assist. Prof. Dr. Benjamart Chitsomboon Tel. (044)-22-4251 (HYPERLINK

mailto:benja@ccs.sut.ac.th) benja@ccs.sut.ac.th) , fax (044)22-4185

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This training course covers many aspects of toxicology and emphasizes ecotoxicological and human health risk assessments. Learners will receive basic background information in important traditional areas in toxicology, as well as in areas that are currently developing. This graduate equivalent training course requires that learners have a bachelor's or master's degree with course

Application with confirmation of funding should be received by the SUT not later than 31 July 2000, work in statistics, chemistry and biology.

payment should be made by cheque or bank draft made to the order of Suranaree University of Technology or by bank transfer to:

Suranaree University of Technology
Account No.
Bank, SUT branch

Send to :

Director
Center for International Affairs
Suranaree University of Technology
111 University Avenue
Nakhon Ratchasimal 3000
Thailand

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