

## REGISTRATION FORM

I would like to attend:

- Theory and Policy Course** (R3500, ex-VAT)  
 **Practical Course** (places are limited and will be allocated on a first come first serve basis; R2000, ex-VAT)

Surname: .....

Name: ..... Title: .....

Position held: .....

Postal Address: .....

.....

.....

Telephone: .....

Fax: .....

E-mail: .....

Signature: .....  
(accepting that I will attend the course(s) indicated)

Please indicate how payment will be made:

- cheque enclosed  
 Bank transfer (details provided on request)  
 Other, please specify: .....

### Complete registration form and return to:

Nikite Muller or Heather Davies-Coleman  
Unilever Centre for Environmental Water Quality  
Institute for Water Research  
Rhodes University, Grahamstown 6140  
Tel: (046) 622 2428 / 603 8532  
Fax: (046) 622 9427  
E-mail: [nikite@iwr.ru.ac.za](mailto:nikite@iwr.ru.ac.za) or [heather@iwr.ru.ac.za](mailto:heather@iwr.ru.ac.za)

For further information, please forward enquiries to:

Dr Nikite Muller  
or  
Dr Heather Davies-Coleman  
UCEWQ-IWR  
Rhodes University  
Grahamstown, 6140

Tel: (046) 622 2428 or (046) 603 8532

Fax: (046) 622 9427

E-mail:

[nikite@iwr.ru.ac.za](mailto:nikite@iwr.ru.ac.za)

or

[heather@iwr.ru.ac.za](mailto:heather@iwr.ru.ac.za)

### COURSE VENUE

The Theory and Policy Course will be held at the CSIR Campus, Pretoria. Maps will be provided with course details. Please note that registration starts at 8:30 am on 15 September, and that the course will end with cocktail party and presentation of certificates at 6:00pm on 17 September.

The Practical Course will be held at the Ecosun Laboratories in Johannesburg. Maps will be provided with course details. The course will start at 9:00am promptly on 18 September.

**Please note that transport and accommodation for both courses are for your own arrangement.**



UCEWQ Course Announcement

## INTRODUCTION TO APPLIED AQUATIC ECOTOXICOLOGY

### Theory & Policy

15 to 17 September 2003  
CSIR Campus, Pretoria

AND

### Practical

18 and 19 September 2003  
Ecosun, Johannesburg



## AIM OF THE COURSE

Aquatic toxicology is a valuable tool for effective water resource management. Investigations of effects of whole effluents and/or single variables on aquatic biota are undertaken. These methods and ensuing results can be used for refining, or setting, site-specific water quality guidelines, and interpreting biomonitoring and chemical monitoring information. This introduction to applied aquatic ecotoxicology provides a basic understanding of toxicological concepts and designing and interpreting toxicity experiments (Theory and Policy Course) while the Practical Course allows for hands-on experience of standard aquatic toxicity tests.

## COURSE DETAILS

Presentations and course material will be in English.

### THEORY AND POLICY COURSE

The Theory and Policy Course provides the necessary context for the application of toxicity tests in water resource management. Concepts of aquatic toxicology will be explained and different types of toxicity tests and choice of test organisms (including ethical considerations) will be discussed in the context of experimental design, data requirements and analysis in developing a toxicity testing programme. The course will show how ecotoxicological, biomonitoring and environmental water quality data can be used effectively in water resource management. Presentations will be by staff of UCEWQ and invited experts from industry and DWAF.

### PRACTICAL COURSE

The Practical Course will allow delegates to gain hands-on experience of the standard aquatic toxicity

tests which are likely to become a regulatory requirement in the near future, namely:

- C *Daphnia pulex* (invertebrate test)
- C *Poecilia reticulata* (fish test)
- C *Vibrio fischeri* bioluminescent test (bacterial test)
- C *Selenastrum capricornutum* growth inhibition test (algal test).

Delegates will also be exposed to issues related to other aspects of laboratory toxicity tests such as sample handling and preparation as well as data analysis. Presentations will be by staff of Ecosun and UCEWQ.

## WHO SHOULD ATTEND?

Anyone who needs to know more about, or improve their knowledge of, aquatic ecotoxicology and the application and use of toxicological data. Technical staff who conduct toxicity tests, as well as mid-level managers, planners and other officials from government or private institutions will find the courses highly informative and applicable.

## COURSE FEE

The course fee to attend both the Theory & Policy Course as well as the Practical Course is **R5500** (excluding VAT) per person. This includes lecture material, use of laboratory equipment, teas and lunches as well as a cocktail party on the 17<sup>th</sup> September. The fee to attend only the Theory and Policy Course is **R3500** (excluding VAT) per person. This includes lecture material, teas and lunches as well as the cocktail party on the 17<sup>th</sup> September. The fee to attend only the Practical Course is **R2000** (excluding VAT) per person. This includes lecture material, use of laboratory equipment, teas and lunches.

## CONDITIONS OF ENROLMENT

Please complete and sign the registration form and return it to the UCEWQ (see overleaf for details).

The number of enrolments for both components of the course is limited. There are more places available on the Theory and Policy course than there are on the Practical course, and acceptance onto the Theory and Policy course does not guarantee a place in the Practical course. Places for both courses will be allocated on a first come-first served basis. Receipt of a completed registration form will secure your place on the course.

Course fees can be paid electronically into Rhodes University's banking account: details will be furnished on request. Please note that cheques should be made out to Rhodes University.

Detailed course information and course programmes will be forwarded to delegates upon confirmation of attendance.

## CANCELLATION POLICY

All withdrawals are subject to a R250.00 non-refundable processing fee. A 50% refund will be issued for withdrawals later than 2 weeks prior to commencement of the course. No refund will be issued for withdrawals on or after commencement of the course.

The organisers reserve the right to cancel the course and full refunds will be issued in this event.

**REGISTRATION DEADLINE:  
31 AUGUST 2003**