



# **Risk assessment of emerging pollutants in the environment**

**School for Tourism and Hospitality, University of Johannesburg  
23 November 2010, 9h00 to 15h00**

## **SECOND ANNOUNCEMENT**

The Aquatox Forum and ToxSolutions would like to invite you to a one-day seminar on the 23<sup>rd</sup> of November 2010. The focus of the seminar is on aspects related to early detection and risk assessment of emerging pollutants in the environment. The audience that we are targeting include industry, wastewater treatment companies, consulting engineering groups, municipalities, government departments, catchment management agencies, the scientific community and all those interested in toxicity assessment and environmental protection. The organizers hope that this event will stimulate and strengthen communication and cooperation between delegates and rekindle the enthusiasm and interest in toxicity testing as wastewater management tool.

## **PROVISIONAL PROGRAMME**

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|--------------|--|
| 09h00-09h45: | Registration and refreshments  |
| 09h45-10h00: | Welcome, Prof Victor Wepener (Chairperson of the Aquatox Forum)  |
| 10h00-10h30: | Genotoxicity – From Research to Regulation, Mr Will Lush (Environmental Bio-Detection Products Inc, Canada)  |
| 10h30-11h00: | The application of oestrogen assays to monitor the quality of final effluents from drinking water and sewage treatment plants. Prof Edmund Pool (University of the Western Cape) |
| 11h00-11h30: | Human hazards associated with exposure to nanomaterials, Prof Mary Gulumian (Toxicology and Biochemistry Section NIOH, University of the Witwatersrand)                          |
| 11:30-12:00: | Aquatox Forum AGM  |

- 12h00-12h30: Poster presentation and discussion
- 12h30-13h30: Lunch, poster viewing and commercial exhibition
- 13h30-14h00: The impact of "non-dead" bacteria on water quality testing, Dr TG Barnard (University of Johannesburg)
- 14h00-14h30: Utilising tissue cultures in detection of endocrine disruptive compounds in the aquatic environment, Dr Rialet Pieters (North-West University)
- 14h30-15h00: Application of the Yeast Estrogen Screen (YES), the T47D-KBluc reporter gene assay and the Ames assay by a drinking water utility, Ms Lelethu Bungu (Rand Water)
- 15h00-15h30: Public health at risk: an urgent need for the routine LC/MS/MS analysis of drinking water in South Africa, Dr Gabre Kemp (University of the Free State)

## **CALL FOR POSTER ABSTRACTS**

Abstracts are invited for poster presentation on the application of toxicity tests to control/manage/monitor complex wastewater discharges. Posters given elsewhere (e.g. local or overseas conferences) are welcome, as long as the material has not yet been published. Please send the abstracts to Ms Yolandi Cloete (ycloete@uj.ac.za). The **deadline for abstract submission** is **Monday 1 November 2010**. You will be notified about acceptance on Monday 8 November 2010.

Abstracts should not be longer than 300 words, be ready for printing (use 11 pt Arial), and contain the following: Title (capitals and bold), authors (presenting authors name underlined) and affiliation (small letters and normal), a clear and concise objective, the methods used, results obtained and conclusions/recommendations (small letters and normal).

## **FINAL ANNOUNCEMENT AND PROGRAMME**

The final announcement and detailed programme will be e-mailed on Wednesday 10 November 2010.

## **REGISTRATION**

The registration fee is as follows:

All Aquatox Forum membership categories and students – R100.00  
Non-members – R150.00

The **registration fee is payable** by **Monday 1 November 2010** (pre-payment is necessary to finalise arrangements). The fee includes the abstract booklet, tea/coffee

and snacks, and lunch. Attendance is limited to **70 participants**. Registration will, therefore, be handled on a 'first paid-first accepted basis'.

Please complete the enclosed Registration Form and e-mail it to Yolandi Cloete (ycloete@uj.ac.za). Payment can be made by cheque or electronic deposit. The banking details are as follows:

Account Name: Aquatox Forum  
Branch: 632005  
Branch: Lynnwood Ridge  
Account Number: 9144222028  
Bank: ABSA

**Cheques should be clearly marked on the back with 'November Seminar' and the participant's surname and initials.** In the case of electronic payments, please e-mail proof of payment to Marna Nel ([marna.nel@sasol.com](mailto:marna.nel@sasol.com)). Receipts will be issued during the registration session on the 23<sup>rd</sup> of November 2010.

Notification of cancellation **in writing** before 8 November 2010 will be subject to a 10% administration fee and will be processed after the seminar. There will be no refunds after this date.

#### **COMMERCIAL EXHIBITION**

If you are interested to exhibit equipment, material, services, literature, etc at the seminar please contact Marna Nel ([marna.nel@sasol.com](mailto:marna.nel@sasol.com)).

#### **SEMINAR ORGANIZING COMMITTEE**

Victor Wepener ([victorw@uj.ac.za](mailto:victorw@uj.ac.za))  
Randal Albertus ([randal.albertus@sasol.com](mailto:randal.albertus@sasol.com))  
Marna Nel ([marna.nel@sasol.com](mailto:marna.nel@sasol.com))  
Alétia Chapman ([aletia.chapman@vodamail.co.za](mailto:aletia.chapman@vodamail.co.za))  
Andrew Gordon ([andrewg@iwr.ru.ac.za](mailto:andrewg@iwr.ru.ac.za))

# Seminar

## Registration Form

**School for Tourism and Hospitality, University of Johannesburg  
23 November 2010, 09h00 to 15h00**

Please complete (print clearly) and return by 8 November 2010 to Yolandi Cloete  
(ycloete@uj.ac.za)

TITLE:.....

INITIALS:.....

SURNAME:.....

ORGANISATION:.....

POSTAL  
ADDRESS:.....

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POSTAL CODE:  
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TEL:.....

FAX:.....

E-MAIL:.....

SPECIAL DIETARY REQUIREMENTS:  
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