

Effects of Chemicals on the Environment Symposium

Tuesday 6th August 2013

RACI Vic Health Safety & Environment Group

Supported by Risk Engineering Society, Vic Chapter



The Effects of Chemicals on the Environment symposium has been arranged by the RACI Victorian Health Safety and Environment Group, and is supported by the Risk Engineering Society (RES), Victorian Chapter.

Location: Engineering House, 21 Bedford Street, North Melbourne VIC 3051.

There will be seven speakers, each presenting for 20 minutes, with 5 minutes each set aside for questions:

Time	Program	Time	Program
4.00-4.30 pm	Registration	6.10-7.00 pm	Stand Up Dinner & Networking
4.30-4.55 pm	Dr Barry Warwick , Vic EPA	7.00-7.25 pm	John Frangos , Golder Associates
4.55-5.20 pm	Louise Sales , Friends of the Earth	7.25-7.50 pm	Alex Simovski , Worksafe Victoria
5.20-5.45 pm	Harry van Moorst , Western Region Environment Centre	7.50-8.15 pm	Christian Wallis , Golder Associates
5.45-6.10 pm	Bronwyn Capanna , Accord Australasia	8.15-8.45 pm	Symposium Extra Discussion & Close

Travel and Parking arrangements for the Engineering House, Bedford St, North Melbourne venue:

- Trams: Trams 19, 57 & 59 run along Elizabeth Street from Flinders Street to the Flagpole.
- Parking: There is 4 hour meter parking on Blackwood Street (one block from Bedford Street) at approx. \$1.50 per hour, but charging stops at 6.30 pm.
- Limited parking on Bedford Street (1 and 2 hour on street parking, some parks require tickets to be purchased & displayed), but charging stops at 6.30 pm.
- The closest Public Car park is the Royal Women's Hospital at the corner of Grattan Street and you enter the carpark from Flemington Road. This is run by Wilson Parking and costs \$21 for 4-5 hours.

Topics and Speakers:

• The Environmental Regulator's Response to Chemical Pollution

Dr Barry Warwick, Senior R&D Program Leader, Knowledge, Technology & Innovation, Environment Protection Authority, Victoria.

- Chemicals are part of modern life and are used to produce foods, equipment, fuels, goods, cosmetics, and medicines that maintain and improve our quality of life. However some chemicals can cause harmful impacts on the environment and public health and reach the environment through intentional and unintentional pathways. Using recent case studies of pollution incidents involving chemicals this talk will explore how EPA Victoria responds to and manages the risks of chemicals in the environment. Case studies will include examples of pollution incidents as well as more strategic investigations into impacts and causes of chemical pollution.

• Nanomaterials - New Opportunities, New Risks

Louise Sales, Friends of the Earth (FoE)'s Nanotechnology Project Coordinator.

- Nanotechnology is being promoted as the basis of the next industrial revolution and will be used to transform and construct a wide range of new materials, devices, technological systems and even living organisms. However there is growing evidence that nanomaterials present serious new risks to human and environmental health. Louise's presentation will outline some of the health, safety and environment issues associated with nanomaterials.

• Community Issues in Relation to the Effects of Chemicals on the Environment

Harry van Moorst, Director, Western Region Environment Centre (WREC).

- Community concerns about the health and environmental impacts of chemicals in products and as 'waste' are often trivialised and even ignored. This is often responsible for both valid concerns and excessive fears. The lack of effective engagement of the community by industrial, chemical and waste management organisations and the regulators needs to be addressed.

- *Topics and Speakers continue next page.*

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- **Recognised Environmental Credentials Scheme (& Accord's other Consumer Education Programmes)**

Bronwyn Capanna, Executive Director of Accord Australasia Ltd.

- Recognised Environmental Credentials Scheme is a voluntary, multiple criteria based third party accreditation scheme developed by industry body Accord. This scheme recognises that although efficacy is the number one consideration for commercial cleaning products, there is an increasing demand for products with environmentally preferable characteristics. Bronwyn will also touch on Accord's other consumer education programmes including Washwise and Furphies.

- **Endocrine Disrupting Chemicals (EDC) – Regulate Now, Reproduce Later?**

John Frangos, Principal Toxicologist & Risk Assessor, Golder Associates Pty Ltd.

- John will present an overview of the current debates in Europe and the USA surrounding how to identify EDCs and if and when to regulate them as a separate group of hazardous substances.

- **Hydrofluoric Acid Review**

Alex Simovski, Senior Occupational Hygienist, WorkSafe Victoria.

- Worksafe Victoria carried out a review in 2011 & 2012 of hydrofluoric acid containing products, their SDSs and their labels. The project's objectives were:
 - To raise awareness of the health and safety risks associated with the use of hydrofluoric acid (HF) and HF containing products.
 - To ensure that the manufacturers, importers and suppliers duties of the OHS Regulations and the DG Regulations are complied with for HF or HF containing products.
 - To ensure that the employer duties under OHS Regulations and the DG Regulations are complied with in relation to the use of HF or HF containing products in workplaces.

Alex as the operating coordinator of WorkSafe's Hydrofluoric Acid project will present the review's findings.

- **The Crash of the Kitty Hawk: The Unexpected Challenges and Opportunities with Remediating Precincts, Fishermans Bend**

Christian Wallis, Principal Scientist at Golder Associates Pty Ltd.

- The 1942 plane crash into Melbourne's first airport at Fishermans Bend typifies the unexpected challenges that can arise when investigating risks and planning the cleanup of large industrial precincts. Christian's presentation aims to provide some insights into the history, challenges and the opportunities to add value by managing past legacies.

Contacts:

- **Key RACI Vic HS&E Group contacts:**
 - Jeff Simpson, RACI Vic HS&E Group Chairperson, ph: 0403-072-092, email: Jeff.Simpson@haztech.com.au
 - Adrian Thomas, RACI Vic HS&E Group Secretary, ph: 0409-549-768, email: adrian@chemicalia.com
- **Key RES Vic Chapter contact:**
 - Geoff Hurst, RES Vic Chapter Immediate Past Chairperson, ph: 0426-881-322, email: GHurst10@live.com
Note: Engineers Australia CPD Hours: Attendance is worth up to 4 Risk CPD hours
- **RACI Registration Contact (in case the Tax Invoice/ Receipt Registration Form is not attached):**
 - Royal Australian Chemical Institute Inc.
 - Victorian Branch 1/21 Vale Street, North Melbourne, 3051.
 - Tel: 03-9328-2808 Email: RACI-Vic@raci.org.au
- Book On-Line at:
<http://www.raci.org.au/events/event/the-effects-of-chemicals-on-the-environment-symposium>
- *The Tax Invoice/ Receipt Registration Form follows next page.*

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Tel: (03) 9328 2808 Fax: (03) 9328 2670 Email: raci-vic@raci.org.au

**TAX INVOICE/ RECEIPT Registration Form****Received from:**

Title	First Name	Family Name	(Please print)

Organisation

Address

Telephone

Mobile

Email

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For attendance at:

Effects of Chemicals on the Environment Symposium

Engineering House, 21 Bedford Street, North Melbourne VIC 3051

Tuesday 6th August 2013, 4 pm for 4.30 pm – 8.45 pm**Closing date for registrations: Friday 2nd August 2012****Cost (incl. GST):**

RACI / SCAA Member: \$50

Not an RACI / SCAA Member: \$70

RACI Student Member: \$25

Student – Not an RACI Member: \$30

FOE, WREC & Affiliates: \$30

Risk Eng Society Member: \$25

RACI HS&E Group Minor Helpers: \$25

Engineers Australia CPD Hours: Attendance is worth up to 4 Risk CPD hours

I wish to book place(s) for this Event.

If you are booking more than one place, please attach details of other registrants & indicate which charge(s) apply.

() I wish to pay by cheque or credit card (MasterCard / Visa) – (circle one)

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Expiry date:**Name on Card:**

(Please print)

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Signature:**Date:****Amount Received: (incl. GST) \$**

- Please ensure that all your credit card details are included.
- Send the completed form to RACI Victorian Branch (see address, above right) before the closing date for registrations.
- Please copy the completed form and retain as your Invoice/Receipt.