



2011 Advanced Risk Assessment Workshop Program

WEDNESDAY 20 JULY

PRESENTER: JACKIE WRIGHT

8.30 am	Registration
9.00 am	Introductions
	Overview of Risk Assessment
	Site Characterisation for Risk Assessment
	Properties, fate and transport of chemicals

10.30 am BREAK

10.50 am	Exercise: CSMs
	Exposure Assessment – Direct Pathways
	Exercise: Calculation of exposure

12.30 pm LUNCH

1.15 pm	Exposure Assessment – Indirect (continued)
	Exercise: Quantification of Plant Uptake

2.30 pm BREAK

2.50 pm	Exposure Assessment – Indirect Pathways
	Exercise: Vapour modelling



2011 Advanced Risk Assessment Workshop Program continued

THURSDAY 21 JULY

**PRESENTERS: JACKIE WRIGHT, DR JOHN ISSA – CINTOX
AND THERESE MANNING - NSW OFFICE OF ENVIRONMENT AND HERITAGE**

9.00 am Toxicological Assessment and Quantification – Dr John Issa

10.30 am BREAK

10.50 am Toxicological Assessment and Quantification (continued) – Dr John Issa

Exercise: Identification of Quantitative Toxicity Reference Values

12.30 pm LUNCH

1.15 pm Risk Characterisation and Uncertainty

Case study and Exercise: Risk Characterisation

2.30 pm BREAK

2.50 pm NEPM revisions – Jackie Wright and Therese Manning



2011 Advanced Risk Assessment Workshop Program continued

FRIDAY 22 JULY

PRESENTERS: JACKIE WRIGHT AND THERESE MANNING - NSW OFFICE OF ENVIRONMENT AND HERITAGE

9.00 am	Environmental Risk – overview of approaches to evaluating ecological risk issues in aquatic and terrestrial environments – Therese Manning
10.30 am	BREAK
10.50 am	Environmental Risk – ecological risk assessment in more detail Development of EILs Case study/exercise
12.30 pm	LUNCH
1.15 pm	Case study and Exercise (continued)
3.00 pm	Completion of course

The Presenters

Jackie Wright, Principal/Director Environmental Risk Sciences, PhD Research Student Flinders University

Jackie Wright has 20 years' experience in human health and ecological risk assessment in Australia. Experience includes providing review and technical guidance/direction on a range of exposure and toxicological issues, participating in the development on industry guidance and standards (including the 2011 NEPM Revisions and Guidelines for the Remediation of Clandestine Drug Laboratories), conduct of small and detailed human health and ecological risk assessments and Auditor support in NSW, Victoria, South Australia, Western Australia and Queensland.

Areas of expertise include human and eco-toxicological review and evaluation of chemicals in line with Australian regulatory requirements, human health and ecological risk assessment, exposure modelling, indoor air quality assessment, fate and transport assessment, air dispersion modeling, environmental chemistry, environmental monitoring, and the assessment of air emissions and air toxics. Human health assessments have included a wide range of sites that involve the evaluation of emissions to air, waste sites, residential and recreation areas, operating industrial plants as well as other industrial plants that have been closed and are in the process of property sales or redevelopment and remediation. Ecological assessments have included screening level and detailed assessments of contamination, potential for contamination and remediation of contamination in soil and the aquatic environment.

Dr John Issa, Principal/Director Cintox

John Issa has obtained a BSc (Hons) degree in Chemistry and Pharmacology and PhD in Chemistry (drug design and testing) as well as an MBA degree. He has had 15 years work experience with various government departments and in consulting, particular in regulatory affairs, toxicology and occupational health and safety. He is a recognised expert in the chemicals notification schemes, Hazardous Substances and Dangerous Goods identification and workplace health risk assessments. Previously, he has worked for URS Australia (a global Scientific and Engineering consulting company), National Industrial Chemicals Notification and Assessment Scheme (NICNAS), the Federal Health Department and Victorian Forensic Science Laboratory.

Ms Therese Manning, Risk Specialist, Scientific Services Division, Office of Environment Heritage and Water (formerly DECCW)

Therese has many years of experience providing advice on chemicals at both a state and national level and in 2011 was awarded the Public Service Medal for her outstanding contribution in this field.

She reviews risk assessments for contaminated sites assessments and licensed facilities and has significant input into the design of the national chemical assessments framework, and review of national chemical assessments.

This work also involves ongoing input into design of monitoring programs in licences and review of the results of such programs, advice on incidents and waste management.