

Day 1 – Wednesday 23 September 2009

RISK ASSESSMENT & RISK MANAGEMENT FRAMEWORKS

Time	Topic	Presenter
12.30 - 2.00 pm	Introduction to Health Risk Assessment Concepts of risk vs hazard HRA & risk management frameworks Legislative frameworks for risk management	Brian Priestly
2.00-2.45 pm	Measuring risk Epidemiology & other approaches Risk metrics	Brian Priestly
2.45 – 3.15 pm	Afternoon tea break	
3.15 – 4.15pm	Industry, environment and sustainable development issues in air/water quality, food safety development of guidelines for recycling water	Brian Priestly
4.15 – 5.00pm	Case study 1: water issue	Martha Sinclair

Day 2 –Thursday 24 September 2009

RISK ASSESSMENT METHODOLOGY

Time	Topic	Presenter
9.00 -10.00 am	Issue and Hazard identification	Brian Priestly
10.00 – 11.00am	Biological hazards	Martha Sinclair
11.00 – 11.20 am	Morning tea break	
11.20am-12.30 pm	Exposure assessment Pathways of exposure Characterizing exposures Analytical & modelling techniques Handling uncertainties and variabilities Use of biomarkers	Brian Priestly
12.30 – 1.10pm	Lunch	
1.10-2.30 pm	Risk characterization Health-related benchmarks Uncertainty analysis HRA of carcinogens	Brian Priestly
2.30-3.30 pm	Chemical sensitivities/chemical mixtures	Brian Priestly
3.50 – 4.10 pm	Afternoon tea break	
4.10 – 5.00 pm	Case study: PBB fire retardants	Brian Priestly

Day 3 – Friday 25 September 2009

RISK PERCEPTION AND RISK COMMUNICATION

Time	Topic	Presenter
9.00 -10.30 am	Risk perception Heuristic & other factors Measuring & understanding risk perception	Brian Priestly Margaret Stebbing
10.30-11.00am	Morning tea break	
11.00am– 12.00pm	Risk communication Principles & strategies Role of the media	Brian Priestly
12.00 – 1.00pm	Lunch break	
1.00 – 3.00pm	Case studies in HRA, risk management & risk communication Nanotechnology Contaminated site assessment	Craig Cormick Brian Priestly To be advised
3.00 – 3.30pm	Afternoon tea break	
3.30 – 5.00pm	A practitioner's approach to HRA Course summary and review	Roger Drew Brian Priestly