

Solving the Emerging Contaminant paradigm

Help develop the solution

Emerging contaminants or Contaminants of Concern impact the entire industry; but each utility uniquely. The Australian water industry has identified an opportunity to work together to better manage the problem of unregulated contaminants.

The GWRC commissioned a project, led by Prof Stuart Khan, to develop a tool that prioritises the research needs for these contaminants. The tool utilises a Bayesian network approach and allows each utility to assess a contaminant against their organisational requirements.

At the recent WaterRA research planning workshop and WSAA Research Managers Network meeting, several utilities identified the need to better manage Emerging Contaminants in the water industry. Opportunities exist to share resources which include knowledge, water quality data, risk assessments as well as develop new techniques for monitoring and analysis.

The purpose of the workshop is to:

1. Learn to use the Contaminant Prioritisation Tool
2. Identify how Emerging Contaminants can be better managed within the Australian water industry.

Details:

1. 27th February, 2019
10am – 4pm
2. UNSW, Room 101 Civil Engineering Building
University of New South Wales
Kensington, NSW
3. Cost \$125 and Register [here](#)
Queries to **Claire McInnes**
Claire.mcinnnes@waterra.com.au
4. Workshop Preparation:
 - a. Bring Laptop
 - b. Contact Claire or Stuart for pre-workshop package
s.khan@unsw.edu.au



Agenda:

	Time	Activity	Who
1	9.45 - 10	Register	
2	10—10.15	Welcome, Housekeeping and Background	WaterRA – Claire McInnes
3	10.15-10.30	Emerging Contaminants overview	UNSW – Stuart Khan
4	10.30-12.30	Contaminant Research Prioritisation tool – learning session	UNSW – Stuart Khan
5	12.30-1pm	Lunch	
6	1-1.15 pm	International perspectives and opportunities	GWRC – Stephanie Rinck-Pfeiffer
7	1.15-4pm	Workshop activity – What does the water industry need to manage this problem together?	Group
8		Workshop activity – What is currently being done?	Group
9		Workshop activity – Brainstorm solution [see note]	Group
10		Identify next steps	WaterRA – Claire McInnes
11	4pm	Close	WaterRA – Claire McInnes

Note - WaterRA members recently discussed the concept of the 'Emergence Continuum' whereby specific activities are identified depending on how much knowledge there is on a contaminant. This idea will be introduced at the workshop for discussion.