



A workshop: The need to make step-changes in
chemical safety assessment and monitoring

Assessing the risk of plant protection products for the aquatic environment

Thursday 5 July 2018

Fera Science Ltd, Sand Hutton, UK

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Synopsis

There is currently an initiative to drive forward transitions in predictions of how the environment and its functioning will respond to chemical exposure, with a particular focus in the UK following the National Environment Research Council's call for proposals entitled 'Emerging Risks of Chemicals in the Environment'. This workshop is an opportunity to hear about some of the problems encountered and solutions proposed by those working in the field of aquatic risk assessment. One such solution is currently under development by Fera Science Ltd and the Centre for Crop Health and Protection (CHAP): the Innovate UK funded E-Flows Mesocosm – the first fully flow-through field scale mesocosm for higher tier risk assessments.

Registration

Early bird rates before Friday 8 June 2018:

SCI Member £25, Non-Member £35

Standard rates after Friday 8 June 2018:

SCI Member £35, Non-Member £50

Programme

10.00	Registration and refreshments
11.00	Speaker presentations
13.00	Lunch
14.00	Tour of E-Flows Mesocosm
15.00	Feedback session
16.00	Close of meeting

Confirmed Speakers

- ▶ The E-Flows Mesocosm – first fully flow-through field scale Mesocosm Facility
Dr Rachel Benstead, Fera Science Ltd
- ▶ eDNA as a method for monitoring environmental change
Dr Neil Boonham, University of Newcastle
- ▶ Passive sampling - an alternative approach for monitoring plant protection products and other chemicals in the aquatic environment
Prof Gary Fones, University of Portsmouth
- ▶ Mesocosm studies and their use in pesticide regulatory risk assessments: A regulatory view point
Chris Taylor, Chemicals Regulation Division (CRD), HSE
- ▶ An industry viewpoint on the use and interpretation of mesocosm studies
Dr Dan Pickford, Syngenta

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