



**Royal Society of Chemistry Meeting  
Water Science Forum and Environmental Chemistry Group  
Burlington House, London, W1J 0BA  
1<sup>st</sup> July 2025**

## **Dealing with the issue of PFAS in the aquatic environment – presence, detection & impact**

This one-day meeting will address the issue of PFAS in the aquatic environment from a regulatory, water industry and monitoring perspective.

Per- and poly-fluoroalkyl substances (PFAS) are a large class of anthropogenic chemicals that have been used over decades in a wide array of industrial and commercial applications. Estimates suggest more than 10,000 different substances exist and there is increasing global concern surrounding this group of chemicals, due to their persistence in the aquatic environment. Therefore, the presence, detection and impact of PFAS in the aquatic environment is of high importance. This event brings together leading academics, regulators and industry experts to discuss current issues on how water quality is impacted by PFAS and how to deal with these issues going forward.

The meeting will be of interest to those involved in the following sectors: Academia and early career researchers; Research organisations; Water industry personnel; Regulators – EA, NRW, SEPA, NIEA, DWI; Water engineers and environmental consultants; Ecologists and toxicologists; Analytical equipment and service providers; Regulatory affairs and compliance; Non-Governmental Organisations – Rivers and Wildlife Trusts.

### **Registration dates and costs:**

#### ***Early bird registration by 30<sup>th</sup> May 2025***

RSC Member £90; Non-Member £130; RSC Student £45; Student Non-Member £65; RSC Member-Retired £45

#### ***Standard rates by Monday 23<sup>rd</sup> June 2025***

RSC Member £120; Non-Member £160; RSC Student £60; Student Non-Member £80; RSC Member-Retired £60

*Retired members - please contact organiser for discount code*

For further details use the [link](#) to **meeting information and registration** or contact Professor Gary Fones ([gary.fones@port.ac.uk](mailto:gary.fones@port.ac.uk)) Registration costs include arrival/registration refreshments, mid-morning refreshments and lunch.

### **Speaker affiliations include:**

Environment Agency; Affinity Water and Severn Trent; The Rivers Trust; Blue Frog Scientific Limited; Royal Society of Chemistry  
And academia including early career researchers

Sponsorship from Bruker



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## Programme – 1<sup>st</sup> July 2025

- 9.00-9.20 AM Registration and coffee
- 9.20-9.30 AM Opening and welcome to meeting (Prof Gary Fones, University of Portsmouth)

### **Session 1: 09:30-11:15 AM (Chair:)**

- 09.30-10.00 AM – PFAS in freshwater - implications for aquatic and human health – Rob Collins (The Rivers Trust)
- 10.00-10.30 AM – Investigating trace concentrations of per- and poly-fluoroalkyl substances (PFAS) in London drinking water – Alexandra Richardson (Imperial College London)
- 10.30-11.00 AM – PFAS in the aquatic environment, the benefits of going beyond targeted Analysis – David Megson (Manchester Metropolitan University, UK)
- 11.00-11.15 AM – Discussion of session 1

### **11.15-11.45 AM Coffee break and networking**

### **Session 2: 11:45-1:00 PM (Chair:)**

- 11.45-12.15 PM – PFAS Risk Management: Challenges and Approaches for Protecting England's Environment – Alun James (Environment Agency)
- 12.15-12.45 PM – PFAS Regulations and the Water Industry: Challenges, Impacts, and Alternatives – Martyn Shenton (Blue Frog Scientific Limited)
- 12.45-1.00 PM – Discussion of session 2

### **1.00-1.45 pm Lunch break**

### **Session 3: 1:45-4:00 PM (Chairs: Professor Gary Fones and Professor Graham Mills – University of Portsmouth)**

- 1.45-2.15 PM – Investigating solutions for PFAS: A comprehensive approach to a complex challenge – Gemma Hill & Laura Devenport (Severn Trent)
- 2.15-2.45 PM – Interdependency of PFAS aquifer contamination and water resource management – Alessandro Marsili (Affinity Water Limited)
- 2.45-3.00 PM – Development and application an LC-MS method to determine PFAS in a freshwater snail – Wendy Areiza (Brunel University)
- 3.00-3.15 PM – Assessment of PFAS pollution in fish and water from the United Kingdom and Spain and implications for human exposure – Eva Junque (University of Birmingham)
- 3.15-3.30 PM – Protocols for Determining the Occurrence of Poly- and Perfluoroalkyl Substances (PFAS) and Potential Sources in Ireland – Leila Bowe & Helen Burke (Dublin City University, Ireland)
- 3.30-3.45 PM – Outlook on UK regulations of PFAS in the environment, industry, and drinking Water – Stephanie Metzger (Royal Society of Chemistry)
- 3.45-4.00 PM – Discussion of session 3 and way forward

**4.00 pm meeting close**

