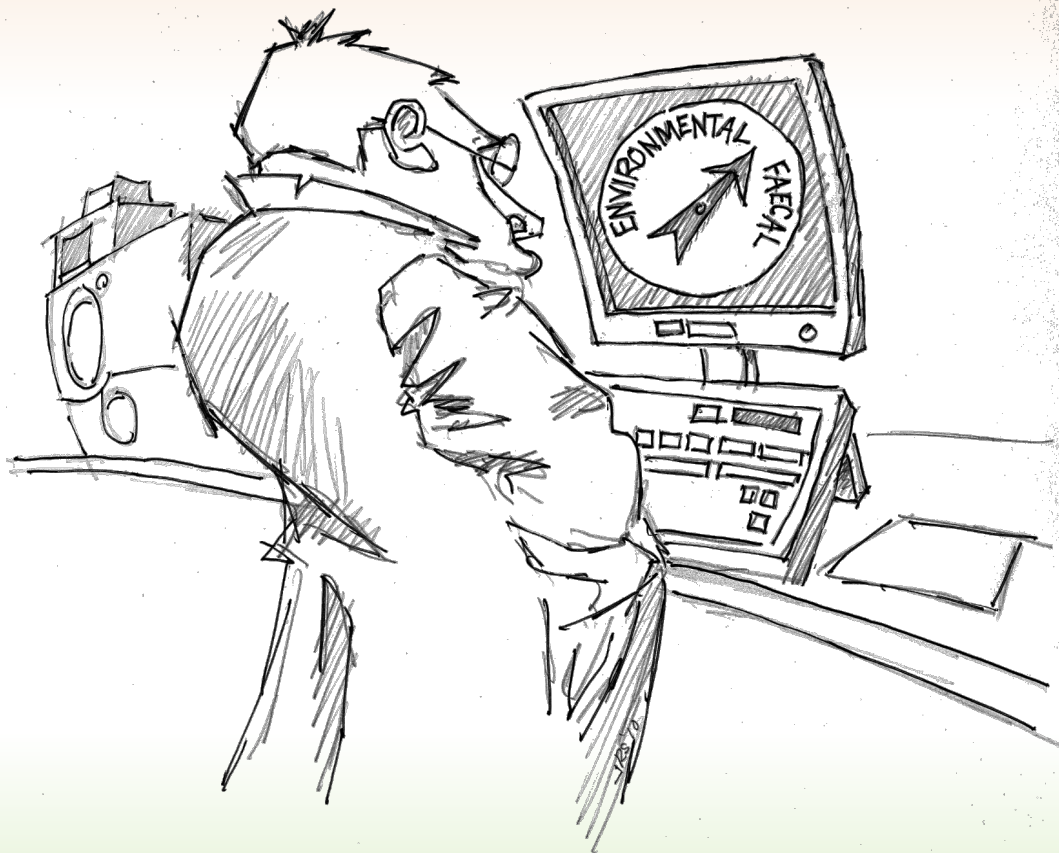


# First Announcement and Call for Papers



## Faecal Indicators: problem or solution?

Has technical progress reduced the need for faecal indicators?

6<sup>th</sup>-8<sup>th</sup> June 2011

Edinburgh Conference Centre, UK



**Institute  
of Water**

**RSC** | Advancing the  
Chemical Sciences

# FIPS 2011

## Aim

The FIPS 2011 conference is designed to address existing and emerging issues in environmental microbiology which offer exciting new challenges in microbiology, public health and environmental science which will assist in monitoring and modelling environmental systems to protect human health, animal welfare and environmental quality. These are central to trends in regulation and management of microbial dynamics through cultural and molecular methods, real-time prediction and proactive health protection. The challenges to the science and operational communities are significant but offer new opportunities for interdisciplinary investigation and research to offer useful and sustainable solutions to emerging challenges for our diverse and growing community.

## Call for Papers

Papers are invited on subjects related to the programme topics opposite, for oral and poster presentations. Please download an abstract template from the website, and note the closing dates of

30th November 2010 – oral

31st March 2011 – poster

## Who should attend

Those working in universities, research institutes, local government, the water and food industries, and health professionals.

## Debates and Features

This international conference will feature two combative, provocative and engaging live debates examining the moral issues behind the statements “What is a coliform and are coliforms relevant to public health?” and “Do regulations help or hinder the innovation in testing methods?” It will also include a trade exhibition, round table workshop on the topics covered, a poster exhibition, some parallel sessions, and a conference dinner. The Royal Society of Chemistry will publish proceedings after the event.

## Registration

Registration fees are £340 for members of the SCI, RSC, Institute of Water, and £390 for non-members, £1,200 for exhibition stands (including one non-transferrable pass), and £55 per night for on-site B&B accommodation. All charges are subject to VAT – currently 17.5% and increasing to 20% with effect from 1st January 2011.

# Programme Topics

## Water Supply (public and private)

- Drinking Water Safety Plans and the role of faecal indicators: what microbiological monitoring is required within a HACCP framework?
- Using indicator data for assessing risk within a QMRA framework
- Faecal indicators or direct pathogen monitoring?
- Responses to coliform occurrence: significance as sanitary indicators, including intermittent and transient contamination
- Regrowth of coliform in distribution: conditions and implications for these bacteria as faecal indicators
- Faecal indicators or other surrogates?
- The cryptosporidium oocyst as a faecal indicator
- Private water supplies: indicators in risk assessment and intervention within the regulatory framework

## Recreational Water Quality

- Developments in regulation: what is the way forward for regulations?
- Rapid methods: media or molecules?
- Microbial source tracking: where do we go from here?
- Hydrodynamic modelling of faecal indicators in natural waters: is there a value?
- Epidemiology: can faecal indicators predict illness?

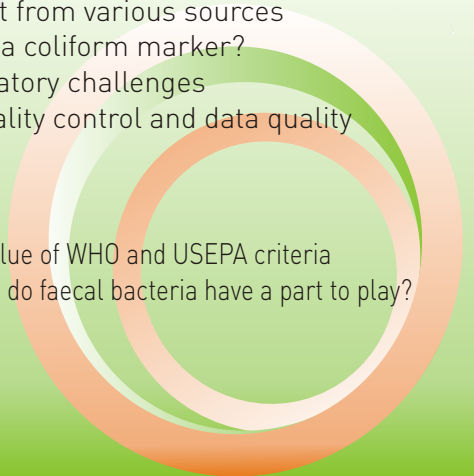
## Methods

- New methods for monitoring faecal indicators: what is their potential when assessing the hygienic quality of drinking and bathing water?
- Testing solid materials: sludge and compost from various sources
- Is it time to reassess the value of lactose as a coliform marker?
- The development of new methods and regulatory challenges
- Improving the value of faecal indicators: quality control and data quality

## Other Topics

- Faecal indicators as compliance parameters: the value of WHO and USEPA criteria
- Assessing the health risks associated with flooding: do faecal bacteria have a part to play?

FIPs  
2011



## Organising Committee

- David Kay - Chair (CREH)
- K Clive Thompson - Secretary (ALcontrol Laboratories)
- John Farmer - Treasurer (Society of Chemical Industry Environment Group)
- Ulrich Borchers (IWW Water Research Centre)
- Colin Fricker (CRF Consulting)
- Simon Gillespie (Scottish Water)
- Bill Keevil (University of Southampton)
- Mélinda Maux (IPL santé environnement durables)
- Gordon Nichols (HPA Centre for Infections)
- Robert Pitchers (WRC plc)
- Keith Smith (Drinking Water Inspectorate)
- Samantha Vince (Drinking Water Inspectorate)

## Scientific Committee

- David Kay - Chair (CREH)
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