

Information and news from WIRC @ Bath.

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**Water Innovation  
& Research  
Centre**



UNIVERSITY OF  
**BATH**

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## **Upcoming Events at Bath**

22 November 2017: [SWIG Innovation Workshop](#)

14 December 2017: Colloquium by Professor Louise Bracken

18 January 2018: Colloquium by Professor Jennifer Colbourne MBE

Please note that Colloquium events are free and open to all.

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## **Wastewater test could give early warning system for epidemics**

New 'water fingerprinting' technology developed by researchers at the University of Bath to test a city's water could soon be mitigating infectious

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[article to find out more about the project to develop an innovative water profiling system led by Professor Barbara Kasprzyk-Hordern.](#)

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## Urban Water Pollution: Emerging Challenges and Scenarios

In the latest edition of the WssTP (Water Supply and Sanitation Technology Platform) newsletter Professor Jan Hofman, Director of WIRC and Leader of the WssTP WG Urban Water Pollution discusses the emerging challenges and scenarios in urban water pollution. [Read the full article.](#)

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## Simple water test could prevent crippling bone disease

A simple colour-changing test to detect fluoride in drinking water, devised by researchers at the University of Bath, could in the future prevent the crippling bone disease, skeletal fluorosis, in developing countries such as India and Tanzania. [Find out more about the test.](#)

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## Fellowship Success

Two members of staff at the University of Bath have recently been awarded Fellowships from NERC.

[Dr. Ilaria Prosdocimi](#) from the Department of Mathematical Sciences has been awarded a Industrial Innovation Fellowship with a project titled "*Developing Innovative Flood Frequency Estimation for a Resilient nation (DIFFER)*". The project aims at developing innovative statistical methods to estimate flood risk across the UK based on existing but under-utilised records, with a special focus on the identification of possible increases in flood frequencies in the recent years. The project will rely on the collaboration with governmental and industry partners.

[Dr. Danielle Wain](#) from the Department of Architecture and Civil Engineering has been awarded a Industrial Mobility Fellowship with a project titled "*Stirring things up: Do surface mixers in drinking water reservoirs improve water quality?*". The project will focus on turbidity in raw water and will be a combined field and modelling project on Durleigh Reservoir with Wessex Water.

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## 12th Water Technology Conference

On 24 and 25th October this year Jannis Wenk and Jan Hofman attended the 12th Conference on Drinking Water and Wastewater Technology in Aachen, Germany. [Read the full blog post about the trip.](#)

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## Upcoming Conferences

22 - 24 Feb 2018: Melbourne, Australia, [AWA/IWA Young Water Professionals Conference 2018](#)

23 - 26 Sep 2018: Palermo, Italy, [11th International Conference on Urban Drainage Modelling](#)

14 - 18 Oct 2018: Haifa, Israel, [15th International Specialised Conferences on Small Water and Wastewater Systems](#)

You can find all IWA events on their [website](#).

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