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Information and news from WIRC @ Bath.

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**Water Innovation
& Research
Centre**



UNIVERSITY OF
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Upcoming events

29 September 2020: [GW4 WSA PHD CON2020: Knowledge flow - building bridges between science & community.](#)

3 November 2020: [GW4 WSA Annual Conference - Great Western Water Security: Research for Global Impact](#)

30 November 2020: [Early Career Symposium - Climate Change: Science and Society.](#)

News



[3rd place for WISE/SAMBa team at NERC COVID 19 Digital Sprint Hackathon](#)

The hackathon teams were tasked with using NERC and other public databases to understand the impact of Covid 19 lockdown and lessons for climate change mitigation. The students from WISE and SAMBa CDTs came third in the hackathon with their proposed blended work week solution. Congratulations!



[We are welcoming Stuart Bennett, our new WIRC administrator.](#)

I recently completed my PhD in Political Science at the University of Bath. I also have a Master's degree in development economics from the University of Glasgow, and a Bachelor's degree in Spanish from the University of Bristol. During my studies I worked on a number of external and internal research projects, and I also work as an administrator for the political science journal *Comparative European Politics*.

[WIRC Proposal Clinics](#)

[Chemical Engineering](#) recently, and a second one will be organised soon. After the summer, we will roll-out these clinics for the whole water centre.

For the clinic, the candidates should already have a draft proposal or research idea ready. To take part in the clinic, you have to prepare a few slides to be presented to a panel. In the first trial the panel members were Jan Hofman, Tom Arnot, Davide Mattia and Chloe Turner (RIS).

Please contact Sonia Skaczkowska if you are interested in pitching your proposal.

Research



[Work begins on UK system for estimating COVID-19 cases from wastewater](#)

Bath scientists from the [Centre for Sustainable and Circular Technologies](#) and the [Water Innovation Research Centre](#) are part of a UK-wide effort to provide early warning on future COVID-19 outbreaks by monitoring wastewater.



[Towards Next Generation of Water Systems and Services for the Circular Economy_\(NextGen\)](#)

The project will look at demonstrating technologies with a potential to contribute to reuse and recovery of resources within a perspective of circular economy.

Blog

[Twerton Weirs](#)

Twerton is a suburb of Bath located to the west of the city and home to Twerton Weirs, built as part of the Bath Flood Protection Scheme. Find you more about the history of Twerton on the [HYDRIC-BATH blog](#).

For example - did you know that the name “*Twerton*” is derived from an Anglo-Saxon word meaning “Two Weirs” and illustrates the suburb’s riverside location?

Recent publications

- ['Numerical investigations of wave loads on fixed box in front of vertical wall with a narrow gap under wave actions'](#), *Ocean Engineering*, Gao, J, Zang, Z, Zang, J, Chen, Q, Ding, H & Wang, G 2020

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Mattia, D & Wenk, J 2020,

- ['Entrepreneurship and Innovation in Africa's Artisanal and Small-Scale Mining Sector: Developments and Trajectories'](#), *Journal of Rural Studies*, Hilson, G & Maconachie, R 2020

In the media

[Turning the tide - microplastics detection in waste water](#). In Institute of Water Magazine, Summer 2020.

[Funding call](#) - UKWIR are seeking expressions of interest on a range of wastewater and clean water research.

Upcoming conferences

1 - 3 September 2020 Espoo, Finland: [Nutrient removal and recovery conference \(VIRTUAL CONFERENCE\)](#)

30 November - 3 December 2020 Bilbao, Spain: [Digital Water Summit](#)

07 April - 09 April 2021 Bordeaux, France: [11th IWA Efficient Urban Water Management Conference](#)

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

Let us know if you are aware of any new colleagues or students working within water research at the University of Bath, so that we can add them to our mailing lists!



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