

Information and news from WIRC @ Bath.

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**Water Innovation
& Research
Centre**



UNIVERSITY OF
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Upcoming events

30 November 2020: [Early Career Symposium - Climate Change: Science and Society](#) (GW4 ECR)

1 October 2020: COVID19: [Research outcomes and lessons learned from South Africa](#) (A Watershare webinar from WRC and KWR)

13 October 2020: [Documentary Discussion: Freshwater quality, pollution and](#)

[recovery](#) (FRESH CDT event);

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

News



[Dr Chris Blenkinsopp has been awarded the Royal Academy of Engineering/Leverhulme Trust Research Fellowship](#)

Dr Chris Blenkinsopp, Senior Lecturer in the Department of Architecture and Civil Engineering, has been awarded a 12 month [Royal Academy of Engineering/Leverhulme Trust Research Fellowship](#) to investigate nature-based coastal protection methods.



[Elizabeth Holton wins best poster award from SETAC](#)

Elizabeth Holton, PhD student from the Department of Chemistry, has been awarded 'Best Poster' by the Society of Environmental Toxicology and Chemistry (SETAC) Europe Awards programme.

[WIRC Proposal Clinics](#)

In August, WIRC held its second ever proposal clinic. These clinics support academics and RAs in the development of a grant proposal. The clinics have been extremely successful and helpful for researchers developing such proposals:

“Participating in the WIRC proposal clinic was a great experience. It was a constructive opportunity to gather others’ points of view about my own research ideas. It helped me reflect on my proposal from different perspectives and to strengthen key points in my application. I encourage everyone to take part in future events”

Our next clinic will be held in October. If you are interested in pitching your proposal to a panel of experts, please contact

Sonia Skaczowska (ses64@bath.ac.uk) or Stuart Bennett (sb2454@bath.ac.uk) .

Research



[WIRC/CSCT researchers develop a sensor molecule that detects mercury in water by colour change.](#)

Former CSCT PhD student Carlos López-Alled, graduated in 2019, has developed a molecule that changes colour if mercury is present in water. Mercury pollution of drinking water sources by artisanal and small-scale gold mining activities is a health threat for rural communities in many regions of the world.

The results of this collaborative research between research groups at Bath in Chemistry (Simon Lewis and Tony James) and Chemical Engineering (Jannis Wenk) were published recently in the RSC journal

Analyst <https://doi.org/10.1039/D0AN01404D>.



[Bath scientists to track COVID-19 through monitoring wastewater in cities in the UK and Africa](#)

Chemists, biologists and mathematicians from the University of Bath have received funding to monitor wastewater in cities in the UK and Africa, to provide an early warning of the potential spread of COVID-19.

Blog

[WSA Annual Conference - Mon 2 - Wed 4 November 2020](#)

The WSA's annual conference will be held in early November. This year's conference will provide attendees with opportunities to learn about the breadth of research taking place across the GW4, share water-related research experiences with academics and stakeholders, as well as helping to inspire and support the next generation of water researchers.

[Register for conference](#)

Recent publications

- ['Inline Pumped Storage Hydropower towards Smart and Flexible Energy Recovery in Water Networks'](#), *Water*. Ramos, HM, Dadfar, A, Basharat, M & Adeyeye, K
- ['Performance of a dynamic cobble berm revetment for coastal protection, under increasing water level.'](#), *Coastal Engineering*, Bayle, P, Blenkinsopp, C, Conley, D, Masselink, G, Beuzen, T & Almar, R
- ['Entrepreneurship and innovation in Africa's artisanal and small-scale mining sector: Developments and trajectories'](#), *Journal of Rural Studies*, Hilson, G & Maconachie, R

In the media

[Big data goes down the plughole to fight future public health threats](#). - In Institute of Water Magazine, Autumn 2020.

[UKRI-NERC invites applications from across the NERC science remit to join its Science Committee](#). - UKRI-NERC website.

Upcoming conferences

08 November - 12 November 2020 Manizales, Colombia: [Virtual Conference: 2nd Latin American and Caribbean Young Water Professional Conferences: Towards Sustainable Development](#)

31 March - 2 April 2021 Riga, Latvia: [12th Eastern European Young Water Professionals Conference: Water Research and Innovations in a Digital Era](#)

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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