

Information and news from WIRC @ Bath.

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Water Innovation  
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## Upcoming Events at Bath

8 May 2019: '[Role of nanomaterials in waste water purification](#)' by [Professor Vinod Kumar Gupta](#) from the University of Johannesburg

29 May 2019: '[Improved capacitive deionization by using novel carbon materials](#)' by [Professor Dengsong Zhang](#) from Shanghai University

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

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## Russell Arnott: Research mission in the Southern Ocean

In January, WEIR PhD student Russell Arnott embarked on a mission to Antarctica to investigate how climate change is impacting the Southern Ocean.

[Read his blog post about his experiences on the RRS James Clark Ross.](#)



## ReNEW secondment in South Africa

Elizabeth Holton, PhD student within the Environmental Chemistry and Public Health research group of Professor Barbara Kasprzyk-Hordern, is currently on a 3-month secondment in the Microbiology department of Stellenbosch University. Researchers at Bath and Stellenbosch University are working together within the context of the [ReNEW project](#) for real-time measurement of



## How do currents form under water?

Chris Blenkinsopp from the Department of Architecture & Civil Engineering took part in The Conversation series "Curious Kids", where questions from children of all ages are answered by experts. Chris answered the question "What forms a current under water?". [Read the article here.](#)

## Recent publications

- A new remote predictor of wave reflection based on runup asymmetry. *Almar R, Blenkinsopp C, Almeida LP, Catalán PA, Bergsma E, Cienfuegos R & Viet NT, 2019.* <https://doi.org/10.1016/j.ecss.2018.10.018>
- Assessment of bisphenol-A in the urban water cycle. *Petrie B, Lopardo L, Proctor K, Youdan J, Barden R & Kasprzyk-Hordern B, 2019.* <https://doi.org/10.1016/j.scitotenv.2018.09.011>
- Multi-frequency, multi-sonar mapping of shallow habitats – Efficacy and management implications in the National Marine Park of Zakynthos, Greece. *Fakiris E, Blondel P, Papatheodorou G, Christodoulou D, Dimas X, Georgiou N, Kordella S, Charalampous D, Rzhakov Y, Geraga M & Ferentinis G, 2019.* <https://doi.org/10.3390/rs11040461>

## Upcoming Conferences

7 - 10 May 2019: Fort Lauderdale, Florida, USA, [WEF/IWA Residuals and Biosolids Conference 2019](#)

10 - 14 June 2019: Edinburgh, United Kingdom, [LET2019- The 16th IWA Leading Edge Conference on Water and Wastewater Technologies](#)

19 - 21 June 2019: Rhodes, Greece, [10th IWA International Symposium on Waste Management Problems in Agro-Industries](#)

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

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