

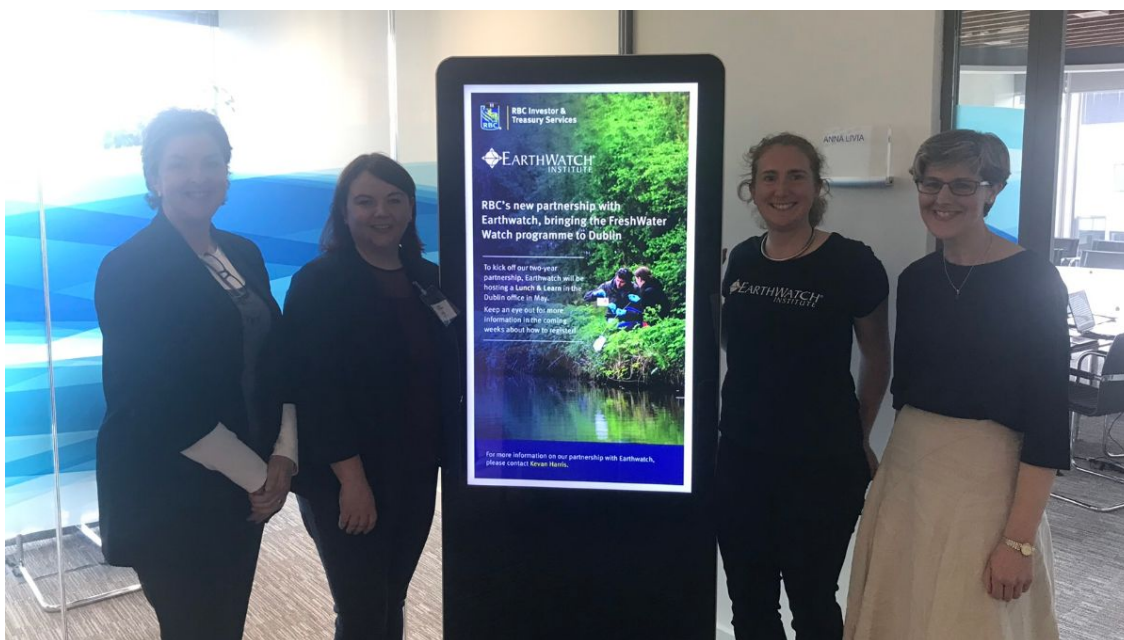
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## DCU WATER INSTITUTE Newsletter



### Water Institute Newsletter

Stay up to date with news from the Institute, upcoming events and research that we hope you'll enjoy. If you are interested in any of our research please contact us.



### Water Institute kicks off first EarthWatch programme

The Water Institute launched its new project **BACKDROP** at the Royal Bank of Canada Dublin. The project is part of the global programme of FreshWater Watch (sponsored by Royal Bank of Canada), a global citizen scientist project investigating the health of the world's fresh water on a scale never seen before.

[Learn More](#)



## BlueTech Forum 2019

Prof. Fiona Regan & Ruth Clinton attended this year's BlueTech Forum. The event took place in the Kew Gardens in London, UK in early June. The main topic of this event was Innovating Towards Resilient Water Systems. It had a host of water experts from all over the world, it also showcased its new documentary [www.braveblueworld.com](http://www.braveblueworld.com) and closed the forum with a key note address by David Sedlak, Plato Malozemoff, Professor at University of California at Berkeley and author of *Water 4.0: The Past, Present, and Future of the World's Most Vital Resource*.

[Learn More](#)



## Royal Bank of Canada employees - Liffey Watch



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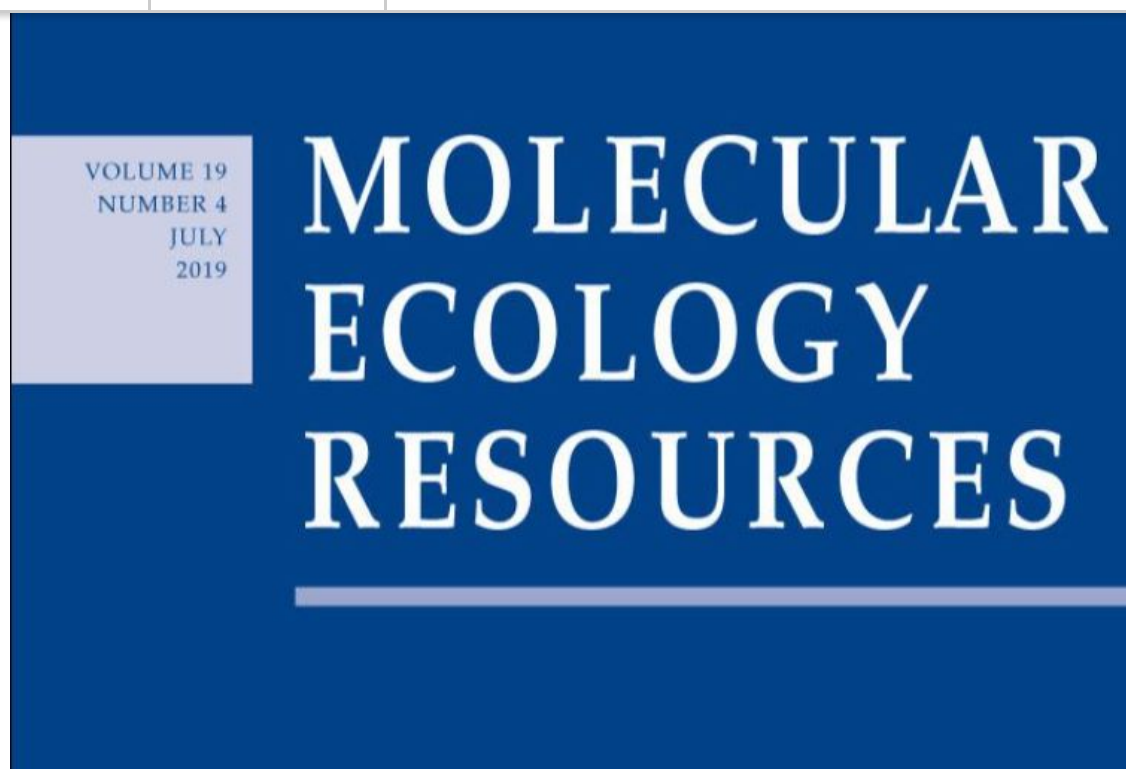
Fresh Water Watch along the River Liffey. Luckily enough the RBCs head office is a stones throw from Georges Quay Plaza which made it very convenient for the training to take place. <https://dcuwater.ie/2019/06/24/dcu-water-institute-helps-with-rbcs-earthwatch-training-day/>

[Learn More](#)

## Microplastics; From Fish to Humans

Plastics are everywhere. This gives rise to a problem called microplastics. Microplastics are small pieces of plastic found in the environment of < 5 mm in diameter. These microplastics have been found in soil, fish, and air, which poses a threat to animal and human health...

[Learn More](#)



## **Congratulations**

We would like to congratulate Dr. Anne-Parle McDermott and Molly Williams on their recent publication in Molecular Ecology Resources. This is seriously exciting work!

[Learn More](#)

## **Training our Citizens – take to the boards**

In July Ruth Clinton and Susan Hegarty took to the boards to train the first group of paddle boarders to take measurements for the BACKDROP water quality project. If you would



## Vacancies

We have a few vacancies in the Institute currently. Go on the Institute website ([www.dcuwater.ie](http://www.dcuwater.ie)) to learn more about PhD and post doctoral positions as well as some short term roles as well.



[Learn More](#)



# PLANET OCEAN

Interdisciplinary  
workshop

Keynote speaker:  
Prof. Callum Roberts, University of York

Location:  
Dublin City University, All Hallows Campus

For more information:  
[www.planetocceanworkshop.com](http://www.planetocceanworkshop.com)

Contact:  
[2019planetoccean@gmail.com](mailto:2019planetoccean@gmail.com)

## Planet Ocean 2019 takes place in DCU

We are thrilled to announce that we are part of the Planet Ocean Workshop taking place in September 2019. This website <https://planetocceanworkshop.com/> has all the information you need about #planetoccean2019 including keynote address, consortium members, postgrad scholarships and call for papers which closes soon. We have a number of bursaries for #PhD students interested in speaking at #planetoccean2019 so if you cant partake we hope to see you there.

## WI Attends Ocean Wealth Summit June 2019

We were inundated at our stand with people from all over the world who were very interested in the ocean research and innovation that we do. We were delighted to have Mairead McGuinness MEP & Vice President of the European Parliament visit our stand.



[Read More here](#)

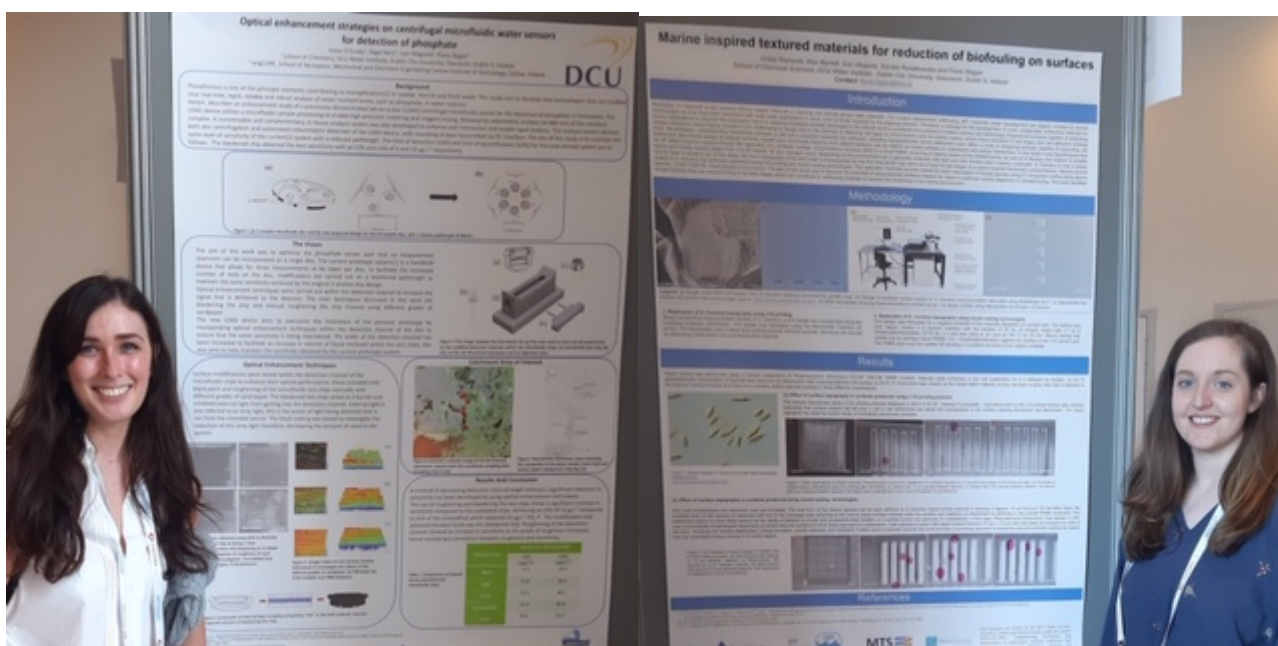
## **Recent beach closure draws attention to need for improved monitoring of coastal waters**

The recent warm weather means citizens are keen to get out for a swim. However, pollution in the Dublin Bay has caused beach closures. The need for greater year-round monitoring was addressed on a recent drivetime programme and led to a later meeting of local councillors with the Water Institute to find solutions to the monitoring challenge. If you are interested in joining the discussion on coastal monitoring please contact us.



## Joyce O'Grady & Chloe Richards present at Oceans 19, Marseille

The Oceans 19 conference this year in Marseille, demonstrated that technology is getting smaller and more affordable for underwater monitoring. Joyce O'Grady, a PhD student funded by the Marine Institute presented her work on phosphate sensing and Chloe Richards demonstrated the potential of marine inspiration for development of novel antifouling materials.





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The Water Institute had five intern placed students working on knowledge transfer and promotion of research. Jehdil Benz Dizon, Chester Morales, Ciaran O'Shaughnessy, Mohammad Nojib and Brandon Wright who worked with the innovation officer in the Water Hub over a 13 week period, contributing to the website, blogs, demonstrations and many more. Wishing you all the very best of luck in your future careers.



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Our mailing address is:

\*Water Institute, Water Hub SG57, DCU, Glasnevin, Dublin 9\*

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