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Water  
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## Coastal Pollution Monitoring Workshop

27<sup>th</sup> January 2016

National Centre for Sensor Research, Research & Engineering Building  
Dublin City University, Glasnevin, Dublin 9, Ireland.

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09.30 Tea, Coffee & registration

10.00 Introduction, Chair, **Fiona Regan, Dublin City University (DCU)**

### Theme 1 – “The Regulatory Landscape”

10.10 Setting the Challenge from a Regulatory Perspective, **Peter Webster, EPA**

10.30 Progress in the detection of Toxic and Harmful Phytoplankton in coastal waters” **Joe Silke, Marine Institute**

10:50 From observations to understanding; the fate of monitoring data from a coastal sensor network.  
**Dr Adam Mellor, Agri-Food & Biosciences Institute, Northern Ireland**

11.10 Tea & Coffee, Networking

### Theme 2 “Sensor Usage in Multiple Scenarios”

11.30 Real time monitoring technology, including multi-parameter Sondes, in- situ nutrient sensors for nitrate and phosphate and buoy platforms with integrated telemetry and data management,  
**Nichole Halsey, Hach**

11.50 Multi-annual realtime water quality monitoring buoy networks, **Charlotte O’Kelly, Techworks Marine**

12.10 Real-time monitoring using sensor technology, **Margaret McCaul, DCU**

12.30 Molecular Assays on Deployable Sensors for Measuring Contaminants in Natural Waters, **Jonathan McQuillan, National Oceanography Centre**

12.50 Centrifugal Algal Platforms, **Ivan Maguire, DCU**

13:10 Discussion and Lunch (including SWIG AGM)

### Theme 3 “Coastal Zone Monitoring”

14.00 An overview of Cefas use of sensors and sensor platforms for coastal zone monitoring. **Simon Kershaw, CEFAS**

14.20 Christchurch Macronutrients – A network of the latest technology, **David Goldsmith, Xylem**

14.40 New Marine Data & Information Systems - **Eoin O’Grady, Marine Institute**

15.00 Coastal Monitoring and Infrastructure Investment Decision Making - **Kevin Fitzgibbon, Nimbus**

15.20 Upcoming IWA Diffuse Pollution Conference – **Ray Earle, Dublin City Council**

15.30 Round Table Discussion

16.00 Optional Tour of the DCU Water Institute Laboratories – approx. 1 hour (limited places booked on a first come first served basis via [rosa.richards@swig.org.uk](mailto:rosa.richards@swig.org.uk))

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**SWIG REGISTRATION:** The cost of attending the Workshop is £84.00 inc VAT for SWIG members. £153 inc VAT for non-members. £43 for students. Literature may be distributed for a fee of £64 and a limited number of table top displays are available at £122 each. Registrations can be made by Tel 01934 830658 or by email to [rosa.richards@swig.org.uk](mailto:rosa.richards@swig.org.uk) or using the on-line booking form. **Please advise of any special dietary requirements at time of booking.** Cancellation policy: Refunds can only be made if cancellations are notified at least 5 days in advance of the Workshop date.