

# Microplastic Methods Workshop: 23 May 2018 RSC Activities on Microplastics

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RSC Water Science Forum



# RSC Conferences & Workshops

- “Plastic debris in the ocean – solutions to a global environmental problem”. RSC ECG Distinguished Guest Lecture & Symposium, 12 March 2014.

<http://www.rsc.org/Membership/Networking/InterestGroups/Environmental/2014-distinguished-guest-lecture.asp>

- “Microplastics in the Marine Environment”, 8 October 2015

- To promote awareness of the issues and associated research opportunities.
- To clarify the role of chemistry in the solutions to this problem.
- To identify specific scientific research questions

- “Microplastic Pollution: Everyone’s problem but what can be done about it? “ – knowledge gaps, plans and policy needs, 16 October 2017.

<http://www.rsc.org/Membership/Networking/InterestGroups/WaterScience/past-events.asp>



# RSC Response to Government Requests

- House of Commons Environmental Audit Committee

Inquiry on Environmental  
Impacts of Microplastics  
– July 2016

[RSC written evidence](#)

including workshop report

Report found at <https://publications.parliament.uk/pa/cm201617/>

- Consultation to ban microbeads in cosmetics & personal care products. Environmental Protection (Microbeads) (England) Regs 2017, No.1312 <https://www.legislation.gov.uk/ukdsi/2017/9780111162118>



House of Commons  
Environmental Audit Committee

**Environmental impact  
of microplastics**

Fourth Report of Session 2016–17

# Publications

- Analytical Methods - Themed issue showcasing high quality research in the field of **microplastics in the environment**, Issue 9, 2017.

**Guest Edited** by: Professors **Fiona Regan**, **Chelsea Rochman** and **Richard Thompson**

To access the full online collection go to [rsc.li/microplas](https://rsc.li/microplas)

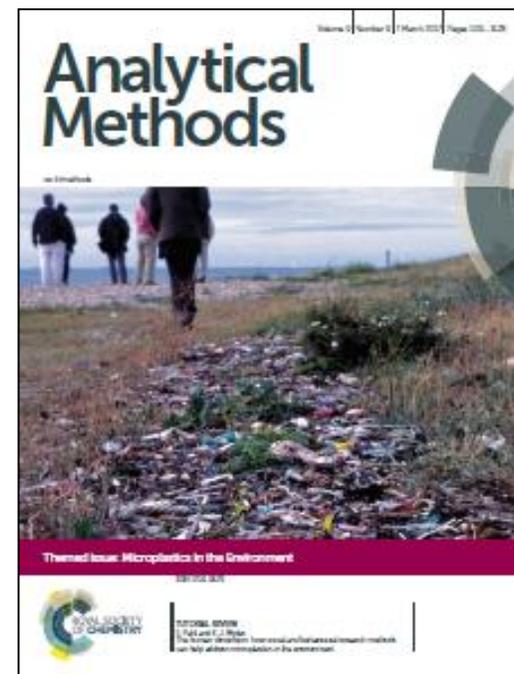
- Education in Chemistry Feature – The massive problem of **microplastics**, 15 November 2016

<https://eic.rsc.org/feature/the-massive-problem-of-microplastics/2000127.article>

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# Expert Advice

- Member representation on British and European standards committees, including BSI, ISO and CEN (including Chair of CEN Advisory Body on Environment).
- Membership of the UK Chemicals Stakeholder Forum (UKCSF) which advises government on managing risks to the environment and human health via the environment that may result from production, distribution and use of chemicals.
- Liaising with the chemical industry, including SCI and the British Plastics Federation.
- Environment & Regulation Collective. Open to any member of the RSC with expertise in areas related to chemicals and environmental regulation.

<http://www.rsc.org/news-events/articles/2016/dec/environment--regulation-collective/>



- Recommendation of RSC WSF Workshop on Microplastic Pollution October 2017.
- Deficiency recognised currently within microplastics research in methods which are fit for purpose and enable valid data comparisons.
- Invited experts actively working with techniques on a range of environmental samples to discuss pros and cons of different methods and possible future standardisation.
- UK and European perspective included in presentations.



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## RSC Water Science Forum future events and activities



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<https://www.linkedin.com/groups/13519870>

Learn more about RSC Water Science Forum by visiting our website below:

<http://www.rsc.org/Membership/Networking/InterestGroups/WaterScience>

## UK Microplastics Network

See <http://ukmicroplasticsnetwork.co.uk>

For updates and items of interest on microplastics and U.K. Microplastics Network you can now also follow the [@UK\\_Microplastic](#) Twitter account.