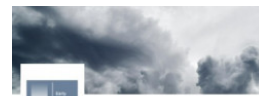




IAQM Early Careers Network Newsletter: September 2023

Hello everybody and welcome to the September edition of the IAQM Early Careers Network (ECN) Newsletter!



Join us on LinkedIn

Don't forget to join our [LinkedIn group](#)! This is the place where we will be actively sharing content and promoting discussion on a wide range of topics.

IAQM - Early Career Network
Listed group

As members, feel free to also post any questions or interesting pieces of information you may come across into the group.

Join the IAQM Early Careers Network Subcommittee



Amazing opportunity to work with other early career professionals in air quality, gain leadership skills and help shape the activities of the IAQM ECN.

Open to Associate and Full IAQM members in the early stages of their careers.

Deadline to apply: 12pm BST on 6th October 2023

Join the IAQM ECN Subcommittee

We have two positions available for IAQM Associate or Full members in the early part of their career (first 10 years) to join the ECN subcommittee and help shape future services.

This is an excellent professional development opportunity and will give you valuable experience in being part of a committee and working with like-minded professionals in the IAQM.

The following two positions are available:

- 1. Content & Topics Organiser:** collate feedback from Early Careers Network members (at meetings and more widely) on topics of interest to take forward for future events.
- 2. Communications & Discussions Organiser:** assist with communications to members of the Early Careers Network (e.g. event details, news, website, LinkedIn, discussion board).

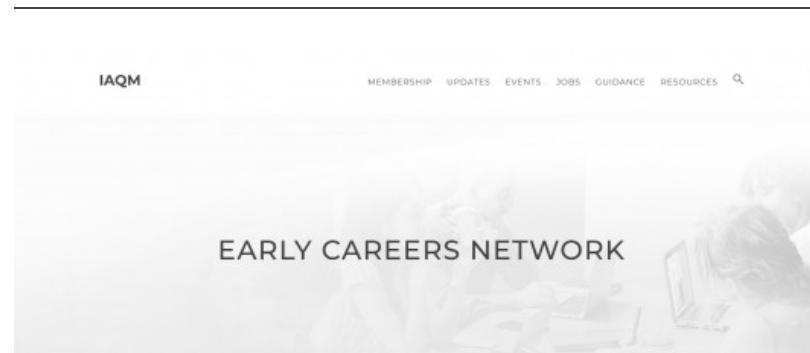
How to apply

If you are interested in joining, please submit a 250-word expression of interest to Jo Maniscalco at communities@the-ies.org outlining why you are interested in joining the subcommittee, which role you would like to apply for and what you feel you could bring to the role.

Deadline: Please submit by 12pm BST on 6th October 2023.

Don't miss this chance to make your mark in the air quality field, shape the IAQM ECN's future and gain invaluable committee experience.

[Find out more and apply](#)



Launching our new ECN webpage

Some big news, we have launched a new webpage for the ECN on the IAQM website which you can find here <https://iaqm.co.uk/homepage/early-careers-network/>. We wanted to create this page to make more people aware of the ECN, as well as making it easier to find and engage with our content. You can also learn more about the current ECN Subcommittee, and easily get in touch with us.

We will be adding new content and useful resources onto the webpage in the future too so watch this space!

[View our new webpage](#)



Ian McCrae Award competition now closed

Entries for our annual Ian McCrae Award Essay Competition closed last week. All of the entries have now been passed to the judges and the winner notified in a few weeks time.

Thanks and good luck to all of you who entered!

Upcoming Events



Routes to Clean Air Conference just over a month away!

Join us in Manchester for this year's Routes to Clean Air conference taking place on 10th - 11th October.

We have a packed programme for this year's two day conference covering topics including indoor air quality, net zero & climate change and policy to name just a few.

We are also delighted to be giving two early career network members the opportunity to present as part of the conference on October 10th, as well as announcing the winner of the Ian McCrae award at this event.

You can [view the full conference programme](#) here to see what's happening across the two days.

[Book your place](#)

Previous Events



Workshop series on public speaking

On the 21st June and the 5th July, the IAQM ECN hosted a dynamic two-part workshop in London, centred around the art of public speaking.

During Part 1 of the workshop series participants learned top tips for effective public speaking, including how to make a good first impression and deliver presentations on air quality and data to non-expert audiences.

The second workshop, a hands-on session, welcomed a smaller group of participants who put their newfound knowledge to the test, delivering presentations and impromptu speeches. Our guest speakers provided invaluable professional feedback to each of them, enhancing the learning experience.

If you missed out on this series you can still benefit by watching back the recording from part 1 on our YouTube.

[Catch up on Part 1](#)

Industry Updates & Resources

Construction Dust Guidance Update

In August 2023, the IAQM published an update to the Guidance on the assessment of dust from demolition and construction.

This is a rewrite of previous guidance published in 2014, adopting the lessons learnt from its application. For details on what has been amended, please refer to the record of substantive amendments within the guidance document.

It is worth noting that in relation to small particulates, this guidance is focused on PM₁₀ due to a current lack of empirical evidence regarding PM_{2.5} emissions from construction sites specifically.

Updates to this guidance will be made where appropriate as more evidence on PM_{2.5} is gathered.

You can find the [updated construction dust assessment guidance here](#) along with all the other [guidance published by the IAQM](#).

Defra Air Quality Grant 23/24

The [air quality grant scheme](#) for 2023/2024 has been launched by Defra. Local authorities have until midday 29th September to apply for funding, which will award at least £6 million to English local authorities.

The grant has been split into application lots:

Lot 1 is for projects that will improve local air quality - especially in areas that are projected to remain in exceedance of local air quality objectives, such as for nitrogen dioxide. Defra will prioritise local authorities where an exceedance has been identified and that have one or more Air Quality Management Areas (AQMAs).

Lot 2 is for projects that will improve public awareness in local communities about the risks of air pollution, and projects for measures that deal with particulate matter.

Interesting Reads

PM2.5 and Anti-Microbial Resistance

A global study conducted by researchers at Zhejiang University in China and published in The Lancet has shown that air pollution, specifically fine particulate matter (PM_{2.5}) is linked to antibiotic resistance.

Globally, it is estimated that antibiotic resistance from PM_{2.5} has caused 0.48 million premature deaths, 18.2 million years of life lost, and an annual welfare loss of \$395 billion due to premature deaths in 2018.

[Read the study](#)

Air Pollution Footprint Partnership

The Air Pollution Footprint Partnership Toolkit was launched to coincide with Clean Air Day 2023 by Ricardo and supported by Impact on Urban Health and Clean Air Fund.

It is a free reporting tool, which will support organisations in accurately reporting their air pollution emissions and allowing them to look at ways in which they can reduce their emissions and share their experiences with like-minded businesses.

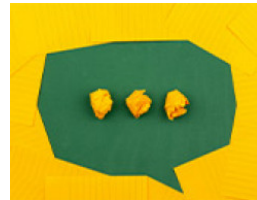
[Access the toolkit](#)

Air Quality - Investment in the Science & Research sector: Part 1

This article was produced by an ECN member, Leticia Campello of Hoare Lea.

In the article Leticia details challenges in ventilation design and ventilation strategy in laboratory environments and what can be done to manage indoor air quality, whilst stating that consideration also needs to be given to outdoor air quality.

[Read the article](#)



Have your say

There are a range of ways you can have your say and get involved. For example, we are always keen to receive feedback and suggestions on future topics.

If you wish to write a case study or blog about air quality, feel free to share it with us and we will highlight it in our next newsletter. It's a great chance to get your name out there in the air quality community!

Contact us at communities@the-ies.org.

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IAQM c/o Institution of Environmental Sciences

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