



Photo from E3BNet/EBNet Conference - 12-14 December 2023, Manchester

EBNet Newsletter - January 2024

New

New EBNet: [Proof of Concept Call](#)

Deadline: 5pm, Monday, 19 February 2024

Now open! EBNet Proof of Concept Awards 2024 - small scale £5-25K. Intended to support smaller scale and desk-based projects these awards *must* be completed by 12 December 2024. We have at least three to award. Interested? Find the application form and guidance online [here](#). If you have any queries about remit or process please email the network managers who are more than happy to help with your questions.

New EBNet Working Group - [Anaerobic Fermentation](#)

Led by Dr Yue Zhang, University of Southampton this group will promote the integration of the different elements within the anaerobic fermentation process and system in order to maximise resource recovery and at the same time minimise the use of external inputs and the generation of waste materials. Contact Yue to join the group.

EBNet Webinar: [Unlocking AI and Machine Learning's Potential for Environmental Biotechnology](#)

13:30-15:00, Wednesday, 21 February 2024, online

The webinar, led by Dr Oliver Fisher and Professor Rachel Gomes from the University of Nottingham, features Dr Miao Guo, King's College London and Dr Michael Short, University of Surrey, discussing the application of AI and machine learning to improve bioremediation, resource recovery, and environmental protection. They will showcase case studies from their respective work. Subsequently, a 30-minute panel session will allow attendees to engage with the panellists, asking questions related to the presentations and the overarching theme of the webinar. Register [here](#) and see updates on the webpage [here](#).



Now Open

EBNet funding opportunities for academia and industry are highlighted below.

[EBNet Placement Call](#) - Always open

These are worth up to £1,500 for UK-based placements and £3,000 for overseas placements.

[ECR Conference Travel Bursary](#) - Always open

Looking to present your work at a major conference and lack funding? Given the increased cost of international flights we have raised our support to **£2,000** (max.) for full oral

presentations to our listed conferences in 2023/24. Send in your application as soon as you are notified - we have a number set aside for each conference!

[EBNet: Share With A Peer \(SWAP\) Travel Bursary](#)

Always open. Available to Early Career Researchers

Proud of the work going on in your lab? Fancy a visit to another lab tackling similar topics? We have just the thing for you, We can offer **up to £250*** towards accommodation, meals, and travel per person - just make a short video clip &/or pictures suitable for our website. [Flyer](#).

Spotlight On...

Do you have any good news to share with other members? Email us details if you want a shout-out in the next newsletter.



[CIWEM Policy Panels](#)

CIWEM are currently looking for new members to join some of their policy panels. The Specialist Policy Panels are advisory groups, each focusing on a specific topic. Joining a Policy Panel is a great way to connect with peers who are experts in the same field, work on CPD, and contribute to finding widespread, impactful water and environmental solutions, by guiding their policy work.

Currently recruiting are: *Water Supply and Quality, Contaminated Land, Natural Capital, Flood and Coastal Erosion Risk Management*. See [here](#).

[The World Biogas Association: Women in Biogas Survey](#)

Deadline: 31 March 2024

In 2021, WBA established its Women in Biogas Working Group with the purpose of inspiring women to join the industry and empowering them to excel. This short survey will capture data on the current status of the sector. Everyone from across the globe, irrespective of gender, is invited to take part in this two-part survey, which should take approximately 8 minutes to complete. Details [here](#).

[The Circular Bio-based Europe Joint Undertaking](#)

CBE JU has published its Annual Work Programme for 2024, including information about the next call for project proposals. €213 million will be dedicated to advancing competitive circular bio-based industries in Europe across 18 topics. Call deadline: 18 September 2024 and the info day briefing is 23 April 2024, in person, in Brussels. See [here](#).

[iCURE](#)

Innovate UK have designed their iCURE programme to help explore the commercial application and potential of UK research. Deadlines for their key programmes *iCURE Engage, iCURE Discover, iCURE Explore* and *iCURE Exploit* span late January to early February. See [here](#).

Are you getting the latest information from us?

More people are turning to EBNet for speedy access to events, reports, jobs, PhD/Postdoc positions etc.

Join us on [LinkedIn](#) and [Twitter](#).



Forthcoming Events

Find selected upcoming events below.

For more, go to: [Events Roundup](#)

[Royal Agricultural Society of England: New Year Lecture](#) - 15 January 2024, 17:30-20:00, London (Apply for tickets by COP 11 January 2024)

[Cloud-SPAN: Genomics \[online\]](#) - 15-24 January 2024

[KTN: Innovation in Environmental Monitoring: Consortium Building Event](#) - 31 January 2024

[iPACT webinar: Nature Based Solutions for infrastructure issues in coastal locations](#) - 6 February 2024

[Modela: AD Modelling Demystified: Essential Fundamentals and Hands-on Applications](#) - 8 February 2024, 12:00-14:00 GMT

[Postgrad LIVE Study Fairs](#) - various: 6 February to 6 March 2024

[Cloud-SPAN: Metagenomics \[online\]](#) - 13 February - 1 March 2024

[Creative Catalyst Peer Network: Sustainability Webinar - Navigating Net Zero](#) - 15

February 2024

[BBIA: Economic and environmental benefits of a transformative UK bioeconomy](#) - 22

February 2024

[Decarb Connect UK](#) - 27-29 February 2024, Manchester

[Resource Conference Cymru](#) - 13 March 2024, Sophia Gardens, Cardiff

[The REA's Organics Conference 2024](#) - 21 March 2024, Kenilworth

[3rd BBNet Conference: Biorefining – Clean Growth – Net Zero](#) - 10-12 April 2024, Sheffield

[AquaEnviro: Odour Emissions Management](#) - April 2024, Leeds

[Synthetic & Engineering Biology British Swiss Summit](#) - 22/23 May 2024, Bristol

[The Microbiology Society: Aerosols and Microbiology: connecting disciplines in the post-pandemic era](#) - 4-6 June 2024, Bristol

[IWA: The Young Water Professionals \(YWP\) European Conference 2024](#) - 16-19 June 2024, Copenhagen, Denmark

[IWA: The International Conference on Wider-Uptake of Water Resource Recovery from Wastewater Treatment](#) - 18-21 June 2024, Palermo, Italy

[The World Biogas Expo](#) - 10/11 July 2024, NEC, Birmingham

[IBBK: Progress in Biogas VI](#) - 2-4 September 2024, Stuttgart, Germany (Abstracts by: 2 February 2024)

[1st International Conference on Novel Photorefineries for Resource Recovery](#) - 9-11 September 2024, The Institute of Sustainable Processes of the University of Valladolid, Spain. (Abstracts by 15 January 2024)

Funding

Funding opportunities for academia and industry are highlighted below.

For more, go to: [Funding Roundup](#)



[Innovate UK: UK regulatory science and innovation networks: discovery phase](#) - 31 January 2024 [See the latest Pro-innovation Regulation of Technologies Review for Life Sciences [here](#)]

[Innovate UK: Environmental monitoring innovation](#) - 6 March 2024

[Innovate UK: Creative Catalyst 2024](#) - 6 March 2024

[Innovate UK/Defra: Farming Innovation Programme](#) - 13 March 2024

[Innovate UK: Knowledge Asset Grant Fund](#) - 14 March 2024

[UKRI: Systems approaches to advance the UK's transition to Net Zero](#) - 26 March 2024

[Carbon Technology Research Foundation: Research Proposals](#) - Intent to submit by: 26 February 2024. Deadline: 26 April 2024

[UKRI: Future Leaders Fellowships](#) - 18 June 2024

[BBNet: 3rd Business Interaction Voucher Call](#) - 31 August 2024

[BBSRC: Japan-UK engineering biology for discovery research and cross-cutting technologies - pre-announcement](#) - tbc



Jobs, Training, Awards & PhDs

Did you know we have funds available to help members access placements in industry or academia?

Jobs (also see [FindAPostDoc](#) & [Jobs.ac.uk](#))

[Senior Manager - Evidence and Evaluation \(BBSRC\)](#) - 14 January 2024

[Portfolio Manager \(BBSRC\)](#) - 14 January 2024

[Bioinformatics Scientist/Research Software Engineer](#) - 15 January 2024, University of Dundee

[Research Fellow](#) - 30 January 2024, University of Birmingham

[Research Fellow & Senior Research Fellow: Industry/Business](#) - 1 February 2024, University of York

Training

[CIWEM/TU Delft: High-Rate Anaerobic Wastewater Treatment](#) - 24 January 2024 - 06 March 2024 (online)

[IBBK: "Biogas #Hands On"](#) - 15 February to 7 March 2024 (online)

[ADBA: Training Course | Biogas, Biomethane and Grid Injection](#) - 20 February 2024

[CIWEM/TU Delft: Aerobic Granular Sludge Technology for Wastewater Treatment](#) - 10

April 2024 - 29 May 2024 (online)

[CL:AIRE: Introduction to Controlled Waters Detailed Quantitative Risk Assessment](#) -

24 April 2024, Reading

[The Royal Society: Policy Associate scheme](#)

[The Royal Society: Career Development Fellowship](#)

Awards and Competitions

[RSC: Research & Innovation Prizes](#) - now open

[The Microbiology Society: Harry Smith Vacation Studentships](#) - 20 February 2024

PhDs (see [FindaPhD](#))

[Metabolic Engineering of Microbes for Sustainable Production of Commodity](#)

[Chemicals](#) - 15 January 2024, Newcastle University

[Multi-omics characterization of metabolic and signaling pathways involved in harmful algal bloom toxin production - applicable for the development of diagnostic kits](#) - 17 January 2024, Queen's University Belfast

[Environmental C-F/C-Cl remediation by heme mono-oxygenases and peroxidases](#) -

19 January 2024, The University of Manchester

[Life cycle assessment applied to chemicals production](#) - 22 February 2024, The University of Manchester

Publications

[Review: Distribution and transport of contaminants in soil through mining processes and its environmental impact and health hazard assessment: A review of the prospective solutions](#)

By: Saranya Vinayagam *et al.* In: Environmental Research Volume 240, Part 2, 1 January 2024, 117473

[Review: A bibliometric analysis of emerging contaminants \(ECs\) \(2001–2021\): Evolution of hotspots and research trends](#)

By: Yang Yu *et al.* In: Science of The Total Environment, Volume 907, 10 January 2024, 168116

[Review: Advanced technologies for the determination of quantitative structure-activity relationships and degradation efficiency of micropollutants and their removal in water](#)

By: S.R. Ratchnashree *et al.* In: Science of The Total Environment, Volume 904, 15 December 2023, 166563

[Review: Strategic navigation of world-leading biorefineries and Mexico's policy landscape: A gateway to a sustainable circular bioeconomy](#)

By: Jhuma Sadhukhan *et al.* In: Journal of Cleaner Production. Available online 28 December 2023, 140386

[Effective removal of iron, nutrients, micropollutants, and faecal bacteria in constructed wetlands cotreating mine water and sewage treatment plant effluent](#)

By: Jidapa Plaimart *et al.* In: Water Sci Technol wst2024001.

Still here?

UK Environmental Law

Did you know a new environmental principles duty came into force recently? The aim is to ensure we leave the environment in a better state for future generations. Ministers and policy makers must consider the environmental impact of new policies, following a framework of key principles: integration, prevention, rectification at source, polluter pays & precautionary principles. Find out more [here](#). For facts and figures, find [Environment Agency](#) reports on the state of the environment [here](#).

Copyright © 2024 BBSRC Environmental Biotechnology Network (EBNet), All rights reserved.

Want to change how you receive these emails?
You can update your preferences or unsubscribe from this list.