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EBNet Newsletter - January 2023

New

Calling all Early Career Researchers

The best way to establish industry experience and contacts is to start with a short introductory visit with a company. But how? Luckily EBNet can provide [Placement](#) support, provided you have somewhere (in remit) in mind. Apply for funds from £1,500-£3000. Need a host? Our thanks to Dr Thomas Aspray of [Solidsense Ltd.](#) who has offered to host an ECR Placement. Solidsense Ltd. is a consultancy based in Glasgow that specialises in Organic Waste Recycling, particularly measuring microbial activity in matrices such as soils, composts and digestates. Other expertise includes application of molecular microbiology approaches to solid and liquid matrices and culture-based bioaerosol measurement approaches. Depending on your experience/interest they could offer visits, remote projects and lab-based projects. Interested? [Email us](#) with your interests and experience to be put in touch.

EBNet Working Group webinar: LCA for Biotechnology Problems: targeted fundamental methodology

16 March 2023, 10-12.00 (GMT)

Brought to you by the [Process Integration and Sustainability Assessment Working Group](#), this webinar will introduce the methodologies involved in performing an LCA for the EB sector. Save the date.

EBNet Early Career Researcher Conference (ECR23)

30 August-1 September 2023, Edinburgh

Would you like to join the ECR Steering Committee for this event? We need some ECR volunteers to help on the day, and with some light admin tasks in advance. Just email EBNet@EBNet.ac.uk to say you are interested, and we'll add you to the list. More event details coming soon. Save the date

Testing the Waters 6 Conference

26-27 June 2023, Saïd Business School, University of Oxford

The EBNet Working Group "[Environmental Sensors and Wastewater Surveillance](#)" is happy to support the latest in this conference series which will gather experts from

disciplines involved in wastewater analysis. [Call for abstracts](#): 1 Jan–15 March.

Notification: 15 April. Registration from: 1 May.

And coming in February - our latest BIV Call - be ready!



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? We have support worth up to £1,500 for our listed conferences in 2023 - *ISMOS 9*, *Aquaconsoil* and the *IWA Microbial Ecology and Water Engineering Conference*. Have something different in mind but want to know if it is in remit? **Ask us**, in case we are able to help.

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.



[The Clean Tech Challenge](#)

The CleanTech Challenge is a global business plan competition for students with innovative clean technology ideas, jointly hosted by the London Business School and University College London which began in 2011 and has a £10K prize fund. Submit your 200 words by 30 February 2023

“You Never Get a Second Chance to Make a First Impression” - Oscar Wilde (attrib.)

Does your research have any policy implications? Most Universities have in-house training available to assist you to communicate effectively to government. But there are also free resources available online for ECRs and Researchers at [UK Parliament](#) to get you started.

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](#).

[RSC: State-of-the-art in the Analysis of Complex Environmental Matrices: A Webinar series](#) - Jan/Feb 2023

[SETsquared: Sustainability Workshop](#) - 17-19 January 2023

[Water Discovery Challenge: Launch Webinar and Live Q&A](#) - 26 January 2023

[CPI and Pro Green: Process design and scale-up](#) - 31 January 2023

[HVB: Introduction to the Nagoya Protocol Webinar](#) - 8 February 2023

[KTN: Hydrogen Supply Chain Collaborative R&D Competition Briefing webinar](#) - 16 February 2023

[BBNet: Conference](#) - 22–24 March 2023, Crowne Plaza Harrogate

[11th Annual European Algae Industry Summit](#) - 19/20 April 2023, Lisbon, Portugal

[AquaEnviro: Wastewater Treatment of the Future - Achieving Net Zero and True Sustainability conference](#) - 20 April 2023, Birmingham

[ChemUK 2023](#) - 10/11 May 2023, Birmingham

[HVBNet: Break Crops Workshop: Exploration of alternative UK break crops for HVB](#) - 16 May 2023

[7th Green and Sustainable Chemistry Conference](#) - 22-24 May 2023, Dresden, Germany

[5th International MEEP Symposium](#) - 5-7 July 2023, Lucerne, Switzerland

[NCRM: 2023 Research Methods e-Festival](#) - 7-9 November 2023

Funding

Funding opportunities for academia and industry are highlighted below.

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



[BBNet: POC funding call](#) - 25 January 2023

[E3BNet: BIV funding call](#) - 1 February 2023

[UKRI: Sustainable bio-based materials and manufacture: feasibility study](#) - 1 February 2023

[UKRI: Artificial intelligence research to enable UK's net zero target](#) - 2 February 2023

[IChemE Spotlight Webinar: Becoming a Chartered Environmentalist](#) - 2 February 2023

[EPSRC: Circular economy critical mass programmes](#) - 8 February 2023

[EPSRC: Artificial intelligence hubs for real data and for scientific and engineering research](#) - 9 February 2023

[Expression of interest: Expanding Excellence in England \(E3\) fund: round 2](#) - 24 February 2023

[BBNet: Scale-up funding Call](#) - 28 February 2023

[Algae-UK: POC funding Call](#) - 28 February 2023

[NERC: Large grant to tackle big environmental science questions](#) - 9 March 2023

[The EU Innovation Fund](#) - 16 March 2023

[Pre-announcement: addressing environmental challenges: NERC highlight topics 2023](#) - 22 March 2023

[UKRI: Novel, low-emission food production systems: feasibility studies](#) - 19 April 2023

[Applied Microbiology International: New Lecturer Research Grant](#) - 30 April 2023

[Energy Catalyst Round 10](#) - opens 30 January 2023



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](#))

[Postdoctoral Research Associate in Computational Biology](#) - The University of Edinburgh, 27 January 2023

[Intensifying biohydrogen production from mixed waste feedstock digestion](#) - 29 January 2023

[Post Doctoral Research Associate in Soil Organic Geochemistry](#) - University of Lincoln, 29 January 2023

[Lecturer / Associate Professor in Microbiology](#) - University of Southampton, 6 February 2023

Training

[IBioC: Certificate of Upstream Bioprocessing \(3-Day\)](#) - 28 Feb-2 Mar 2023

[University of Surrey: Life Cycle Assessment](#) - 27-31 March 2023

Awards and Competitions

[ADBA: Research and Innovation Award](#) - nominate by 13 January 2023

[The Resources 2023 Travel Award](#) - 31 January 2023

[RAEng: Engineers Trust Young Engineer of the Year](#) - 3 February 2023

PhDs (see [FindaPhD](#))

[Valorisation of Drinking Water Treatment Works Sludge](#) - Swansea University, 20 January 2023

[The worsening impacts of contaminated lands/soils due to exacerbating extreme environments owing to Climate Change](#) - Northumbria University, 27 January 2023

[Grow your own building: Mycelium as an enabler for net-zero bio-based circular construction](#) - University of Bath, 29 January 2023

[Maximising resource recovery from wastewater sludge – developing biorefineries](#) - Cranfield University, 6 February 2023

Publications

Open Access Book: [Pathways to Water Sector Decarbonization, Carbon Capture and Utilization](#) - Edited by Zhiyong Jason Ren & Krishna Pagilla. IWA Publishing.

From the Archives: [Anammox bacteria: from discovery to application](#) - By: J. Gijs Kuenen.

In: Nature Reviews Microbiology volume 6, pages 320–326 (2008)

New: [Separation and purification techniques for the recovery of added-value biocompounds from waste activated sludge. A review](#) - By: Daniel Núñez *et al.*

In: Resources, Conservation and Recycling. Volume 182, July 2022, 106327

New: [Spatially-explicit projection of future microbial protein from lignocellulosic waste](#) - By: Liwei Chen *et al.* In: Current Research in Biotechnology. Volume 4, 2022, Pages 544-563

Still here?

New Years resolutions 2023...

The UK has a long and thriving tradition of supporting good works through the charitable sector. Its very oldest tend to be associated with schools and hospitals - such as the The King's School, Canterbury (established 597 AD) or St. John's Hospital, Winchester (established 934 AD).

On the contemporary environmental scene, there are many more to choose from with household names like *Surfers against Sewage*, *Friends of the Earth* and *Greenpeace*. But for every large charity there are a host of smaller ones that work in relative obscurity. To find one that suits you, use the [Charity Commission website](#) and simply type in some keywords. We used "Environment" to find a whopping 23,248 matches and "Environmental Biotechnology" scored 1,654. Whereas "Soil" narrowed things down to 37. These legacy endeavours survive and thrive in living hands so if you have an unfulfilled News Years' resolution, why not take a look?

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