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EBNet Newsletter - February 2023

New

5th EBNet Business Interaction Voucher Call - now open

Deadline: 16 April 2023

Members can access up to £20K to support a business/academic interaction. Find the Guidance and Application form here. Informal questions welcome - [ask us](#).

EBNet Working Group webinar: Bioelectrochemical Development for Environmental Technology.

Thursday, 16 March 2023, 09.00-10.00 (GMT)

Brought to you by the [Bioelectrochemical Systems Working Group](#), this webinar features a top International Speaker - Associate Professor Annemiek ter Heijne, Environmental Technology, Wageningen University & Research, The Netherlands. Don't miss it. Register [HERE](#) now.

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

Thursday, 16 March 2023, 10.00-12.00 (GMT)

Brought to you by the [Process Integration and Sustainability Assessment Working Group](#), their second webinar will introduce the methodologies involved in performing a Life Cycle Assessment for the EB sector. This webinar is led by Professor Jhuma Sadhukhan, University of Surrey. Register [HERE](#) now.

A new EBNet Working Group is now open:

N2O emissions from Environmental Biotechnologies

Led by Professor Tom Curtis and Ben Allen Newcastle University - this group aims to bring nitrous oxide (and subsequently methane) emissions from environmental biotechnologies onto a sound methodological footing – with a particular emphasis on quantifying the role of the key microorganisms. Interested? Let them know.

EBNet Early Career Researcher Conference (ECR23)

30 August-1 September 2023, Edinburgh

Registration is now open for this popular, free 2-day conference. Each year we gather as

many of our ECR members together as we can to mingle, network, and share their research and ideas. This year we have a top International Speaker too! Share the Flyer around to all your new colleagues. We welcome new PhDs to New Lecturers and Young Professionals. See the [Flyer](#) for details and register for a place [HERE](#).



Now Open

EBNet funding opportunities for academia and industry are highlighted below.

[EBNet Placement Call](#) - Always open

We have raised our support to **£2,000** (max.) 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 our listed conferences in 2023 - *ISMOS 9*, *Aquaconsoil* and the *IWA Microbial Ecology and Water Engineering Conference*. Send in your application as soon as you are notified - we have a number set aside for each conference!

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.



[Calling all Social Scientists](#)

Environmental Biotechnology has real world effects and we could use more insight from Social Scientists to help inform debate and assess impact. Are you a trained social scientist, or do you know someone who is? Are you/they interested in EB? Share your ideas with us on what social science *should* be doing in EB. Contact us if you see any gaps and (who knows?) we might be able to do something worthwhile together.

[NSF Global Centres - call now live](#)

The Global Centers programme is an National Science Foundation-led effort, implemented in partnership with like-minded international funders such as BBSRC. The programme encourages and supports large-scale collaborative research on use-inspired themes in clean energy and climate change which foster solutions to address the global climate crisis. More [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](#)

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

[Postgrad LIVE](#) - 22 February 2023, London

[Carbon Technology Research Foundation Launch webinar](#) - 28 February 2023

[BBSRC: Sparking Innovation Conference](#) - 2 March 2023

[KTN: Transforming industrial waste gases \(CO/CO₂\) to chemicals](#) - 2 March 2023

[Yorkshire Contaminated Land Forum: Advances in Contaminated Land Assessment and Remediation](#) - 3 March 2023, University of Sheffield

[IBioC: 9th Annual Conference](#) - 15/16 March 2023

[iPACT: Funding Sandpit](#) - 20/21 March 2023 (Apply by: 28 February 2023)

[Microbiology Society: Annual Conference](#) - 17-20 April 2023, Birmingham

[Seventh International Symposium on Environmental Biotechnology and Engineering](#)
- 22-26 May 23, Marseille, France

[FEMS2023](#) - 9-13 July 2023, Hamburg, Germany

[UKWIR 3rd Annual Conference: Transforming the Sector Through Research & Innovation](#) - 4 October 2022, Hilton London Tower Bridge

[IBBK: Progress in Manure and Digestate Online Conference](#) - 5-7 December 2023

(Abstracts by 31 May 2023)

Funding

Funding opportunities for academia and industry are highlighted below.

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



[REAL Research Hub: Tender for 'Plastic contamination method assessment: Evaluating current mass-based method and possible alternative methods of assessment for plastics in compost and digestate'](#) - 17 February 2023

[RAE: Enterprise Fellowships](#) - 27 February 2023

[REAL Research Hub: Call for proposals](#) - 3 March 2023

[Innovate UK: Innovation loans future economy competition: round 8](#) - 8 March 2023

[Innovate UK: Farming Innovation Programme: research starter round 3](#) - 8 March 2023

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

[BBSRC: Follow on Fund](#) - 21 March 2023

[EPSRC/BBSRC: Impact focussed Supergen Hubs in bioenergy, networks and ORE](#) - 23 March 2023

[BBSRC: Innovation to Commercialisation of University Research \(ICURe\)](#)

[EXPLORE](#) - 27 March 2023

[NERC: Growing roots: environmental science public engagement 2023 to 24](#) - 27 March 2023

[Engineering Biology Collaborative Research and Development Round 1](#) - 29 March 2023

[SoBRA Research Grant](#) - 30 March 2023

[NERC: Environmental sciences: global partnerships seedcorn fund 2023](#) - 30 March 2023

[SoBRA Annual Scholarship](#) - 31 March 2023

[Carbon Technology Research Foundation: Funding Call](#) - 25 April 2023

[Pre-announcement: UKRI policy fellowships 2023](#) - April 2023 tbc

[Pre-announcement: UKRI cross research council responsive mode pilot scheme](#) - 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](#))

[Five Faculty positions \(Lecturer/Associate Professor/Professor\) in Molecular Biosciences encompassing Microbial Systems, Advanced Cell Biology and Plant Organism Interactions](#) - University of Southampton, 13 February 2023

[Research Associate in Freshwater Ecotoxicology](#) - University of Sheffield, 14 February 2023

[Soil Molecular Ecologist](#) - UK Centre for Ecology & Hydrology, 28 February 2023

[Inherently antibacterial-antiviral plastics](#) - Heriot-Watt University, 31 March 2023

Training

[University of Surrey: LCA Course](#) - changed date: 13-17 February 2023

[IBBK: Biogas Training Courses](#) - various

[World Biogas Association Training Courses](#) - various

Awards and Competitions

[The Heywood Foundation](#) - deadline extension: 28 February 2023

[The Big Bang Competition](#) - 30 March 2023

[The Earthshot Prize](#) - nominations open

[Philip Leverhulme Prizes](#) - 17 May 2023

PhDs (see [FindaPhD](#))

[Achieving circular economy: High-value products from wastewater generated from](#)

[waste biomass and plastics with bioelectrochemical systems](#) - Loughborough University,

12 February 2023

[Lateral-flow field tests for marine macronutrients](#) - University of Southampton, 31 March

2023

[Modelling soil dewatering and recharge for cost-effective and climate resilient](#)

[infrastructure](#) - University of Southampton, 31 August 2023

Publications

[Environmental Galenics: large-scale fortification of extant microbiomes with engineered bioremediation agents](#) - By: Víctor de Lorenzo. In: *Phil. Trans. R. Soc.* B377:

20210395

[Validation of Two Theoretically Derived Equations for Predicting pH in CO₂](#)

[Biomethanisation](#)

By: Yue Zhang, Sonia Heaven & Charles J. Banks. In: *Processes* 2023, 11(1), 113

[Bacterial remediation of pesticide polluted soils: Exploring the feasibility of site](#)

[restoration](#) - By: Priyanka Bokade *et al.* In: *Journal of Hazardous Materials* 441 (2023) 105

Still here?

"The trouble with the French is that they have no word for entrepreneur" - President George W. Bush (attrib.)

Moving interesting research from the lab to the real world takes a variety of skills, foremost of which is a willingness to embrace entrepreneurship. Thankfully there are any number of places to help. Locally, most Universities will have a dedicated team able to support staff and students through [Incubators and Accelerators](#). Left University? [The Princes Trust](#) is a great portal to some of the best support available to young businesses. Established businesses can find their [Local Enterprise Partnership](#) for help nearby. The Royal Academy of Engineering has year long [Enterprise Fellowships](#) for researchers and recent graduates. But newcomers and start-ups alike can take the first step with [ICURE](#) which has fully-funded support at every level. Funded by [Innovate UK](#), this is a great place to start the journey.

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