



Photo by rf...studio from Pexels

EBNet Newsletter - March 2023

New

EBNet: SWAP scheme

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, the [Share With A Peer \(SWAP\) Travel Bursary](#).

It can be hugely useful to see how other labs work –as much for the little details as for the headline analyses and methods. If you want to swap ideas on set-ups and solutions, send us an email. We can offer **up to £250*** towards accommodation, meals, and travel per person for each 1 or 2 day trip. All we ask in return is that you take the time to make a short video clip &/or pictures suitable for our website. Details can be found on the [Flyer](#).



Now Open

EBNet funding opportunities for academia and industry are highlighted below.

EBNet Working Group webinar: Bioelectrochemical Development for Environmental Technology

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

16 March 2023, 10.00-12.00 (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. Register [HERE](#) now.

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 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](#).

[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 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.



[Contribute to a BEIS study](#)

FREY Consulting are looking at the opportunity and impact of increasing bio-based chemical production in the UK. Through estimating the carbon and economic benefits of various biomanufacturing technologies, the project aims to highlight areas in which biomass use in the chemicals sector can best contribute to meeting the UK's Net Zero ambitions while supporting innovation and growing the economy. Their survey - "[Economic and climate benefits to the UK of an increased use of bio-based chemicals and materials](#)" - is open until 24 March 2023.

[UKRN Survey on Open and Transparent Research Practices](#)

Researchers can have a say in a national survey on open and transparent research practices. The survey was created at the University of Manchester, and is open until 31 March 2023. Find it [here](#).

[Testing the Water 6](#)

Are you an ECR aiming to go to TTW6, Oxford? (Abstracts by: 15 March 2023). EBNet can help with ECR Travel Bursaries worth £200 towards Travel and Accommodation - just ask us to see if you are eligible.

[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](#)

[Ofwat Water Breakthrough Challenge 3: Discover how to successfully scale innovation in the water sector](#) - 9 March 2023

[KTN: Horizon Europe Mission: Restore our Ocean and Waters by 2030 - Community Building Event](#) - 10 March 2023

[BCB: Made with Biology! A public engagement exhibition](#) - Glasgow, 14 March 2023

[KTN: Glimpse of the Climate Future workshop](#) - 20 March 2023

[Workshop on Industrial Biotechnology and Bioenergy in the Developing World](#) - 21 March 2023, 09:00 – 14:00, Kew Gardens

[GREEN FIRE - Ugandan Energy Stories](#) - 21 March 2023, Kew Gardens

[KTN: Microbiome One - Health Conference](#) - 23 March 2023

[E3B Metals in Biology: Top tips for writing better manuscripts](#) - 28 March 2023

[AquaEnviro: Wastewater Treatment Of The Future – Achieving Net Zero Carbon and True Sustainability](#) - 20 April 2023, The Birmingham Conference & Events Centre

[Innovate Smart Grants](#) - 26 April 2023

[HVB Workshop: How biotechnology can unlock higher value from UK break crops](#) - 16 May 2023, York

[AMI: Early Career Scientist Research Symposium 2023](#) - 17 May 2023, Belfast

[AquaEnviro: Uses for Sewage-Sludge-Derived Biochars](#) - 18 May 2023, Birmingham

[AquaEnviro: European Wastewater Management Conference & Exhibition](#) - 4/5 July 2023, Manchester

[High Value Biorenewables in personal care products](#) - 11 July 2023

[10th International Symposium on Wetland Pollutant Dynamics and Control \(WETPOL\)](#) - 10–14 September 2023, Bruges, Belgium (abstract deadline: 2 April 2023)

[HVB: Annual Meeting](#) - 14 November 2023

Funding

Funding opportunities for academia and industry are highlighted below.

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



[BBSRC: Responsive mode. Current Spotlight includes: "bioelectricity as a holistic approach to understand diverse \(microbial\) cell behaviours"](#) - always open

[African agriculture knowledge transfer partnerships: 2023 to 2024, round 1](#) - 22 March 2023

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

[Innovate UK: Transformative Technologies](#) - 29 March 2023

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

[Innovate UK: Launchpad - various](#) - 29 March 2023

[Water Discovery Challenge 2023](#) - 5 April 2023

[Farming Innovation Programme large R&D partnerships: round 2](#) - 19 April 2023

[UKRI policy fellowships 2023](#) - 20 April 2023

[CTRF: Call for Proposals](#) - 25 April 2023

[EPSRC: Prosperity Partnerships: early-stage collaborations \(pilot\)](#) - 9 May 2023

[NERC: Delivering training courses for environmental scientists](#) - 10 May 2023

[Global Centres in clean energy and climate change](#) - 11 May 2023

[UK – Germany Bilateral: Collaborative R&D](#) - 7 June 2023

[Future Leaders Fellowships: round 8](#) - 4 July 2023

[Pre-announcement: ESRC: Place-based approaches to sustainable living](#) - December 2023 tbc

[Innovate UK: Circular Critical Materials Supply Chains Programme](#) - 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](#))

[New Opportunity - Director, Biorenewables Development Centre](#) - 14 March 2023

[Technical Specialist - Microbiology, Brewing & Biotechnology](#) - 24 March 2023, University of Nottingham

[Assistant Professor in Environmental Engineering](#) - 31 March 2023, Durham University

[Senior Research Assistant](#) - 7 April 2023, Northumbria University

Training

[AquaEnviro: Optimising Anaerobic Digesters: Sewage Sludge](#) - 22 March 2023

[Free Cloud-SPAN course on METAGENOMICS](#) - 11-21 April 2023, online

[Free Cloud-SPAN workshop on Statistically useful experimental design](#) - 14 April 2023, University of York

[IChemE: Chemical Engineering for Scientists and Other Engineers](#) - 25–27 April 2023, Manchester

[IChemE: Scale-up of Chemical Processes](#) - 4–6 July 2023, Manchester

Awards and Competitions

[FEMS-JENSEN Award](#) - 1 March 2024

[The Laura Bassi Scholarship \(editorial assistance\)](#), - 31 March 2023

[NICOLE Innovation Awards 2023](#) - 6 April 2023

PhDs (see [FindaPhD](#))

[Do microplastics pose a threat to the terrestrial biosphere?](#) - 20 March 2023, Bangor University

[Recycling of metals from e-textiles using microbiology-based approaches](#) - 27 May 2023, Coventry University

[Integrated biological system design of catchment systems for non-point pollution control](#) - 31 March 2023, Newcastle University

[Reuse of Wastewater for Agricultural Irrigation](#) - 31 March 2023, University of Warwick

Publications

[Agricultural soils and microplastics: Are biosolids the problem?](#)

By: Freya Radford, Alice Horton, Malcolm Hudson, Peter Shaw and Ian Williams. In: Front. Soil Sci., 19 January 2023 Sec. Plant-Soil Interactions, Volume 2 - 2022

[Triggers for the Impoverishment of the Macroinvertebrate Communities in the Human-Impacted Rivers of Two Central European Ecoregions](#)

By: Dariusz Halabowski & Iga Lewin. In: Water, Air, & Soil Pollution volume 232, Article number: 55 (2021)

[Nutrient export from Finnish rivers into the Baltic Sea has not decreased despite water protection measures](#)

By: Antti Räike, Antti Taskinen, Seppo Knuutila. In: Ambio 49, pages 460–474 (2020)

[From toilet to table: value-tailored messages influence emotional responses to wastewater products](#)

By: Madeline Judge, Olivia de Hoog, Goda Perlaviciute, Nadja Contzen and Linda Steg. In: Biotechnol Biofuels (2021) 14:79

Still here?

Save Britain's Rivers

The New Scientist, along with their sister publication the i, have just launched their [Save Britain's Rivers](#) campaign. It is no secret that our rivers are ill-used. As a crowded nation the UK places huge pressure on them. Sometimes the public becomes aware of specific issues - sewage dumping, obstruction. Some chronic issues are less well recognised - nitrates, pesticides and legacy mine seepage. Over the next year the New Scientist will be highlighting the underlying science and asking readers to tell the story of their local watercourse. If you are involved do let us know so we can highlight your work.