



Biotechnology and
Biological Sciences
Research Council



Engineering and
Physical Sciences
Research Council



(Photo by Catherine Sheila from Pexels)

EBNet Newsletter - April 2021

News

[Joint NIBB Event \(Algae-UK/BBNet/EBNet\): Sargassum Golden Tides, a global problem](#)

26 May 2021, 14:00 – 17:00 - online

Leaders in the field will outline the challenges/opportunities and present the case for further support whilst showcasing UK Sargassum research.

[Check out our newest EBNet Working Groups](#)

Contact the organisers to get involved or offer support as we promote activity in these fascinating topics. Follow the links to connect with like-minded people.

[Aerobic Granulation Processes](#) - led by Dr Yongqiang Liu

[Environmental Sensors and Wastewater Surveillance](#) - led by [Dr Zhugen Yang](#) and [Dr Martin Spurr](#)

Now Open

[3rd annual EBNet Early Career Researcher Conference 2021](#)

Deadline for abstracts: **14 May 2021**

Are you an ECR or Young Professional? UK or International? Join us in June for this free and friendly conference. Connect with your peers this summer and showcase the very latest happening in EB. Details [here](#). Open now for [Registration](#) and [Abstracts](#).

[EBNet 2nd Proof of Concept Call - £100K](#)

Deadline: 29 April 2021

In this open call we are looking for cross- and multi-disciplinary projects at TRL 1 to 4, and can support desk-studies (£25K), single discipline (£50K) and cross-discipline projects (£100K).

[EBNet Placement Call](#)

Quarterly deadline: 19 May 2021

Up to £1,500 for UK-based placements and £3,000 for overseas placements. Thinking about "socially distanced" placement/training? Email to see if we can help.

[ECR Conference Travel Bursary](#)

Always open

Intending to present your work at a major international conference? Up to £1,500.

Spotlight On...

The journal [Processes](#) has a Special Issue coming out on "[Environmental Protection by Aerobic Granular Sludge Process](#)". It aims to discuss novel advances in the development and study of process control, optimization, and scaling up for the AGSP.

Topics include, but are not limited to:

- Strategies for a fast and stable granulation process
- Strategies to maintain granule stability and identification of key parameters
- Strategies for stable nutrient removal and resource recovery
- Process optimization for the removal of challenging pollutants with the AGSP
- Process scaling up
- Process modelling

Need EBNNet financial support for the APC? Contact [Dr Yongqiang Liu](#), Guest Editor (EBNNet Working Group: "[Aerobic granulation processes](#)") to see how she can help.

Deadline: **15 July 2021**.

The [TrAC Journal](#) has a special issue opportunity. [Dr Zhugen Yang](#), (EBNNet Working Group "[Environmental Sensors and Wastewater Surveillance](#)") is running a special issue in Trends in Analytical Chemistry (TrAC) (IF 9.8, Elsevier) on the topic of "Biosensors and Wastewater Surveillance". See [here](#) for details. Deadline: **1 June 2021**.

Are you a member of the [IWA Anaerobic Digestion Specialist Group](#)? AD-SG has released a call for contributions to their 2020/2021 newsletter. To showcase your recent work and professional activities to the broader AD-SG membership contact the [editor](#) by 30 May 2021. Find more on how to join this professional network, or any of the other International Water Association SGs [here](#).

And why not check out the new WBA Landmark Report "[Biogas: Pathways to 2030](#)" and the new BSI Industrial Biotechnology Roadmap "[CO2 Reduction and Economic Growth through Standards and Regulation](#)".

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



Forthcoming Events

Find selected upcoming events below or look further ahead with our online Google calendar.

What have we missed? Whether local or international, niche, general interest or 3rd party - provided the topic is EB, we can share with the wider membership.

[EPSRC: Sustainable manufacturing](#)

20 April 2021

[The Carbon Recycling Network conference](#)

27-28 April 2021

[CPI: Northern Bio-Accelerator Partnership: How we can help grow your bioscience organisation](#)

12 May 2021

[KTN: Bioeconomy Cluster Builder: Innovation Canvas Webinar](#)

13 May 2021

[Joint NIBB Event \(Algae-UK/BBNet/EBNet\): Sargassum Golden Tides, a global problem](#)

26 May 2021, 14:00-17:00, online

[KTN: Photonics for... Water webinar](#)

24 June 2021

[The Institute of Energy and Sustainable Development \(IESD\)](#)

3rd Annual International Conference: Energising the post-COVID recovery to support the UN Sustainable Developments Goals (SDGs)

2 July 2021 (Deadline for abstracts: 30 April 2021)

For further information, please contact: [Prof. Subhes Bhattacharyya](#)

[BBNet Annual Conference](#)

13-15 October 2021

[ESRC Festival of Social Science](#)

7-15 November 2021

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

Funding

Funding opportunities for academia and industry are highlighted below.

Want a partner? Contact us with your details and we can connect you with members with similar interests or put a request out through the network



[The British Council: GREAT Scholarships for a sustainable future](#)

Deadlines: various – April-June 2021

[EPSRC: Sustainable manufacturing](#)

20 April 2021

[UKRI: Building collaboration at the physics of life interface: 2021 outline stage](#)

2 June 2021

[IETF deployment of energy efficiency technologies, Spring 2021](#)

14 July 2021

[UKRI: Embedded research on UK climate resilience](#)

22 July 2021

[SfAM: PhD Studentship 2023](#)

1 September 2022

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



Training, Awards, PhDs & Jobs

Did you know we have funds available to help members access placements in industry or academia. Could you host one to share what you know? Contact us now.

Jobs (see [FindAPostDoc](#))

Postdoc: [Soil quality improvement using biochar-based organic additives](#)

30 June 2021, Czech University of Life Sciences, Prague

PhDs (see [FindaPhD](#))

The physics of bacteria with aberrant growth

University of Surrey, 15 April 2021

Soil as a core infrastructure to support catchment and water supply resilience

Cranfield University, 31 May, 2021

Training

[FEMS Summer School 2021 - Microbial Evolvability Mechanisms: Resistance, Biology, and Strategies to Defeat and Detect](#)

3-13 September 2021 (Apply by 1 June 2021)

[OpenLearn: free courses](#)

For when Wiki just isn't enough...A vast array of topics including: "Returning to STEM"; "Systems practice: Managing sustainability"...

[Awards and Competitions](#)

[Society For The Environment: Awards](#)

Nominations deadline: 28 April 2021

[The Microbiology Society: Microbiology Outreach Prize](#)

Nominations deadline: 27 May 2021

[The Microbiology Society: Prize Lectures](#)

Nominations deadline: 27 May 2021

[SfAM: WH Pierce prize \(£6K\)](#)

Annual

[BSSS: Brian Chambers Soils Fund/David S Jenkinson Fellowship Grant](#)

Annual

Publications

[Up-scale challenges on biopolymer production from waste streams by Purple Phototrophic Bacteria mixed cultures: A critical review](#)

J. Fradinho *et al.*

Bioresource Technology. Volume 327, May 2021, 124820

[Accelerated bioremediation of a complexly contaminated river sediment through ZVI-electrode combined stimulation](#)

Ke Shi *et al.*

Journal of Hazardous Materials. Volume 413, 5 July 2021, 125392

[The stability of ethanol production from organic waste by a mixed culture depends on inoculum transfer time](#)

Priscilla Carrillo-Barragán, Jan Dolfing, Paul Sallis and Neil Gray

Biochemical Engineering Journal. Volume 166, February 2021, 107875

[WorldWideScience.org](#) is a global science gateway comprised of national and international scientific databases and portals.

Still here?

Developing research means having access to the right support ("No man is an island" - John Donne). With so many initiatives out there, even knowing what is already available can rely on the right conversation at the right time. Or... Check out the UK's [Research and Innovation Infrastructure Portal](#) – a catalogue of over 750 of the UK's publicly funded research infrastructure facilities that are [open to use and collaboration](#). Including [Biopilots UK](#), the [Biorenewables Development Centre](#), the [Centre for Process Innovation](#) etc. Is your facility featured? If not - include it now.

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