

# Environmental Sustainability Newsletter



The Environmental Sustainability (ES) Good Newsletter aims to keep readers engaged with initiatives to improve ES on campus and research into ES at the University and beyond.

Many articles were written by School of Biological Sciences (SBS) undergraduate volunteers.

Welcome to our June newsletter. This month is packed full of content, with highlights including; [invitation to our ES Showcase](#), [student blogs](#) and an [update from our ES Associate Dean](#).

Please send any news stories, events, funding opportunities or involvement opportunities that you would like to be included in future newsletters to [srbmh@manchester.ac.uk](mailto:srbmh@manchester.ac.uk).

## Associate Dean Update

### Progress and plans for Environmental Sustainability in FBMH

In this blog series, Dr Maggy Fostier, Associate Dean for Environmental Sustainability, will provide a run down on all the latest Environmental Sustainability news in FBMH.

[Find out more](#)



### **AI to the Rescue: Sorting and Recycling Plastic Made Easy**

In our brand new blog series, our student guest authors will be discussing all things Environmental Sustainability. This blog explores how Artificial Intelligence (AI) is being developed to drastically improve the efficiency of plastic waste recycling.

[Find out more](#)



### **Unlocking the Potential of Circular Bioeconomy: A Path to a Sustainable Future**

This blog explores how utilising a Circular Bioeconomy can help us achieve a more sustainable future through environmentally friendly production and consumption.

[Find out more](#)



### **Swiss Air: a CO2 direct capture system**

This blog explores the potential for Direct Air Capture (DAC) to mitigate the effects of climate change through carbon capture.

[Find out more](#)



## Environmental Sustainability Showcase

### Michael Smith Building

Join the Faculty of Biology Medicine and Health (FBMH) for our first Environmental Sustainability (ES) Showcase event.

The event will showcase the Faculty's current work on Environmental Sustainability.

Featuring guest speakers, fun activities and competitions for both lab and non-lab audience, this isn't one to miss.

[Find out more](#)



## School of Health Sciences (SHS) Environmental Sustainability newsletter – May 2023

The latest issue of the SHS Environmental Sustainability newsletter is now available.

Read about 'liquid' trees – tanks filled with microalgae that could help reduce air pollution in cities. There is also an update on recent sustainability workshops run by the Division of Psychology and Mental Health's ES team.

[Find out more](#)



## UoM Sustainable Futures platform and Healthy Futures

Sustainable Futures (SF) is a new research platform that aims to foster interdisciplinary research across the University, directed towards the most pressing issues affecting sustainability.

[Find out more](#)



## Single use coffee cups: recycle, avoid or dispose of in the general waste bin

As part of the National Cup Recycling Scheme, Kerri Smith (Cardiovascular Science), has generously volunteered to collate single use Coffee cups to recycle at the local Costa Coffee on Oxford Road.

[Find out more](#)



## Two initiatives to increase ES in the SBS curriculum

To improve the Environmental Sustainability (ES) provision in our curriculum, we are now aiming to increase the offering of sustainability training and ES-related project work. Two initiatives piloted in the School of Biological Sciences (SBS) provide a blueprint we could build on.

[Find out more](#)



## Outstanding Labs Win gold LEAF Certification for Environmental Sustainability

As a result of their implementation of environmentally sustainable and efficient laboratory practice, two labs have received gold LEAF certificates after their audit in February. Also, read our **May update** on LEAF within the Faculty.

[Find out more](#)



## 6R widens its reach: Reducing plastics use across campus and at home

6R stands for Review, Reduce, Reuse, Refill, Replace, Recycle. Originally developed for the lab, the guide aims to reduce plastic use. Working with two graduate students, the 6R guide for home and campus was created in 2020.

[Find out more](#)



## University

### Documentary reveals devastating impact of plastic pollution

On Wednesday, 3 May, the University hosted an exclusive public screening of the documentary 'Plastic Warriors', exploring the extent of plastic pollution through a series of case studies, interviewing experts and activists across the UK.

[Find out more](#)



### One bin to rule them all

The 'One bin to rule them all' project aims to improve compliance with recycling by developing 'One bin' to hold all plastic-like items and improving recycling infrastructure to create more usable recycled plastics that can be fed back into a circular economy.

[Find out more](#)



## Funding for 'greener' international travel

The University is aiming to reduce our total carbon footprint through a change to our travel policy. A new top-up fund has been recently launched to cover additional costs that arise from making sustainable travel choices rather than flying.

[Find out more](#)



## Useful Links and Resources

- Sign up to the **UoM Sustainable Future Newsletter** to find out the latest research news and our seminars/training sessions.
- Sign up to the **UoM Climate Network Newsletter** to find out about all the Climate events in Manchester, apps and publications
- Become a **LEAF champion** (FBMH PGR students and research staff), a green champion (FBMH PGR students and staff – [email Maggy](#)) or a FBMH **6R champion** (UG)
- Join the UoM **50,000 actions** platform to get inspired and/or record your actions (e.g. 6R or podcasts). Staff can take actions individually or as a team (e.g. their lab or kitchen area).
- BBC Radio 4 podcasts ([39 Ways to Save the Planet](#), [Costing the Earth](#), [The Climate Question](#)).

### Social Media:

Twitter:

- [UoM Biology, Medicine and Health](#)
- [UoM Sustainability](#)
- [Social Responsibility](#)
- [FBMH Social Responsibility and Public Engagement](#)

Instagram:

- [UoM Biology, Medicine and Health](#)
- [UoM Sustainability](#)
- [Social Responsibility](#)

LinkedIn:

- [Faculty of Biology, Medicine and Health](#)

To find out more about Environmental Sustainability: visit the Faculty's [intranet page](#), [website](#) or contact [srbmh@manchester.ac.uk](mailto:srbmh@manchester.ac.uk). For more information on Environmental Sustainability at the University watch this [short film](#) or visit their [website](#). If you no longer wish to receive this newsletter, please contact [srbmh@manchester.ac.uk](mailto:srbmh@manchester.ac.uk)