

Women in Engineering Research Fellowship at Teesside University, Centre for Sustainable Engineering, Middlesbrough, UK

As we approach the international women in engineering day on the 23rd of June, we are announcing a research fellowship opportunity for early career female researchers from China, Nigeria, Malaysia, and Hungary to work at Teesside University within the centre for sustainable engineering.

At the Engineering department within the School of Computing, Engineering and Digital Technologies of Teesside University we are looking to welcome applications for this fellowship role within the AMOGO-Biochar project which is a UK-China-BRI project funded by the British Council.

About the Role

This role will support a wide range of activities within the funded AMIGO-Biochar project, which is a four-year project and a collaboration between UK, China, Nigeria, Malaysia, Brunei, and Hungary. This role will focus specifically on developing high quality biochar from a range of feedstock relevant to the partner countries. The fellow will develop a plan to produce biochar and characterise them to study their performance for water purification and soil enhancement. The project also investigates biochar as a carbon negative solution and its contribution to achieving Net Zero targets globally.

We expect to publish the outcomes of this work in high quality journals as well as present at international conferences.

About You

This position is for early career researchers/academics currently working at an institution in China, Malaysia, Nigeria, or Hungary. You will have a PhD (obtained previously or near completion) with a major material science and engineering or chemical/environmental engineering component and an interest in water and/or soil applications. You should be willing to learn about the energy and environment sector. Your previous research experience should be evidenced by a peer-reviewed publication track record or international conference contributions.

Good level of English is essential.

About Us

At Teesside University we offer excellent research facilities and a wide range of industry partnerships, working as leaders in engineering and technology in the Northeast of England. Learn more about the AMIGO-Biochar project [here](#).

The AMIGO-Biochar project is led by [Dr Tannaz Pak](#) from the Engineering department. [Prof Vida Zohoori](#) from the School of Health and Life Sciences and [Dr Donglai Xu](#) from the Engineering department are the two co-investigators in this project.

Project duration and funding:

The initial appointment will be for 12 months with the possibility of extending for up to two years (in total). The project will cover your flight tickets to the UK and visa fees. You will receive a payment of £1000 per month to cover your living expenses while working with us at Teesside. The fellow should start their work by 1st of Oct. 2022.

How to apply

For an informal discussion about this opportunity, please contact Dr Tannaz Pak, t.pak@tees.ac.uk or Dr Donglai Xu, d.xu@tees.ac.uk.

Formal applications should be sent to both Dr Tannaz Pak, t.pak@tees.ac.uk or Dr Donglai Xu, d.xu@tees.ac.uk. You will need to write a one-page statement of interest explaining how your background is relevant to this subject area. You will also need to send us your up-to-date CV.

Deadline for submission of your application: 20 July 2022.