



I am an Environmental Biotechnologist....

I am **Roman Bielski**, a PhD Student at Loughborough University.

The nitrogen cycle is deeply imbalanced. ANAMMOX bacteria are already responsible for around half of the nitrogen removal on the planet so implementing them in wastewater treatment and bioremediation is of critical importance. We are attempting to understand how to implement them better through simulation using a digital twin.



Roman holds a bachelor's degree in Chemical Engineering.



I am an environmental biotechnologist because... 'I think environmental stewardship is an important part of human flourishing. I use metabolic engineering to work out how we can apply and grow them better.'