

Joint webinar



GLOBAL CENTER
FOR SUSTAINABLE BIOPRODUCTS



EBNet
Environmental Biotechnology

Advances in Polyhydroxyalkanoate (PHA) Production

Current Research and Academic Trends

with **Dr Seongbong Heo**

Department of Civil and Environmental
Engineering, Hanyang University

Join GCSB and EBNet for a joint webinar exploring current advances and emerging academic trends in polyhydroxyalkanoate (PHA) production. Dr Seongbong Heo will discuss research spanning mixed microbial cultures, waste-derived feedstocks, nutrient-decoupled and integrated production strategies, and data-driven approaches to PHA accumulation. The session will provide an accessible overview of current research directions, remaining challenges, and opportunities for converting waste-derived carbon into higher-value biodegradable bioproducts.



About the speaker

Dr Seongbong Heo is a researcher in the Department of Civil and Environmental Engineering at Hanyang University. His work focuses on sustainable bioprocesses, resource recovery and PHA production from waste-derived feedstocks, including mixed microbial systems, process optimisation and data-driven analysis.



Mixed
microbial
cultures



Waste-derived
feedstocks



Process
optimisation
and academic
trends



Thursday
29 October 2026



14:00 hrs
UK time



Online
webinar

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Hosted by the Global Center for Sustainable Bioproducts and EBNet