

# Uses for Sewage-Sludge-Derived Biochars

24th May 2023 • IET Birmingham: Austin Court / Online



## WORKING TIMETABLE

9.30 – 9.35	<b>Chair's Welcome</b> – <i>Matt Palmer, Innovation Technical Expert, Severn Trent</i>
9.35 – 10.05	<b>Uses and standards for biochars</b> <i>Dr Saran Sohi, Senior Lecturer in Soil Science and Biochar, University of Edinburgh</i>
10.05 - 10.30	<b>Converting Sewage Sludge to Biochar – a Review of Options &amp; Feasibility</b> <i>Peter Talboys, Bioresources Associate – Atkins and Dr Yadira Bajon-Fernandez, Senior Lecturer in Bioresources Science and Engineering – Cranfield Water Science Institute</i>
10.30 – 10.55	<b>Carbonisation of biosolids utilising innovative Pyrogenic Carbon Capture and Storage (PyCCS) Negative Emissions Technology (NET)</b> <i>James Thomas, Process Engineer – TerrAffix Soil Solutions Ltd</i>
10.55 – 11.25	Morning Break and Networking
11.25 – 11.50	<b>Carbonisation of biosolids: design challenges, success factors, and long-term operational data from four projects in Europe</b> <i>Maria Dittmann, Product Manager – ELIQUO TECHNOLOGIES GmbH</i>
11.50 – 12.15	<b>It's Economics, Stupid</b> <i>Richard Jackson, Director – Standard Gas Technologies Ltd</i>
12.15 – 12.40	<b>Bioforcetech and OurCarbon, a Sustainable Future for Sewage Sludge</b> <i>Dario Presezzi, CEO – Bioforcetech</i>
12.40 – 13.40	Lunch Break and Networking
	<b>PM Chair:</b> <i>Dr Saran Sohi, Senior Lecturer in Soil Science and Biochar, University of Edinburgh</i>
13.40 – 14.05	<b>Win-win for municipalities: PYREG recycling of sewage sludge provides high-quality phosphorus fertilizer, renewable energy and CO2 certificates</b> <i>Dipl.-Ing. Helmut Gerber, CTO &amp; Founder of PYREG GmbH</i>
14.05 – 14.30	<b>Producing biochar - from pain to gain</b> <i>Peter Gronbjerg, Owner – PyroDry</i>
14.30 – 14.55	<b>Biochar - sludge: a potential fertiliser and adsorbent for a circular and sustainable agriculture</b> <i>Szabolcs Pap, Researcher – Water Technologist, Environmental Research Institute</i>
14.55 – 15.25	Afternoon Break and Networking

15.25 – 15.50	<b>Sewage sludge derived pyrochar and hydrocha as alternative to P mineral fertilisers in arable crops</b> <i>Maria Pimenta Ocampo, EBRI Research Associate – Aston University</i>
15.50 – 16.15	<b>Characteristics of faecal sludge biochar and its impact on the growth and fruit yield of tomato (Solanum Lycopersicum L.)</b> <i>Larissa Nicholas, Impact and Engagement Officer – Swansea University</i>
16.15	Close