

WMRG Summary

The Southampton Waste Management Research Group (WMRG) is internationally leading in landfill engineering/ management and anaerobic digestion, and with over 35 research active members is one of the largest such groups in the world. Our Pitsea waste compression cell remains a unique facility whose design has been adopted at a smaller scale by other research groups around the world. Facilities for anaerobic digestion studies are also world class, with over 250 digesters of up to 100 litres capacity, many of which are instrumented for continuous datalogging, used extensively in process development and optimisation. We publish in internationally leading journals and maintain a strong presence at leading international events, through organisation of specialist workshops and seminars, membership of scientific committees and chairing sessions at international conferences, and regular review of international research grant applications and papers.

Over the last 7 years, the WMRG has obtained ~£10M of grant funding for over 20 research projects from no fewer than 10 different funding bodies. Since 2004, about 40 papers have been published or accepted in leading international journals and over 60 in international conferences.

The Southampton Waste Management Research Group comprises 5 academics, 14 Research Fellows and 18 PhD students, together with 5 External/Visiting Professors and an external Steering Group.