



The Healthcare Waste and Resources Research Group

Dr Terry Tudor

EUHCWM FINAL CONFERENCE

Birmingham

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Background on the Group

- Hosted within the Environment Research Group
<http://www.northampton.ac.uk/research/research-groups/environment-research-group/> at the University of Northampton
- The overarching aim is to undertake research to inform the development of effective and sustainable management of **waste and resources** from healthcare facilities
- Started in 2006 by Anne Woolridge, Philip Rushbrook and Terry Tudor





How it operates

- Undertake research and dissemination activities
- Managed by a steering committee, that currently consists of Terry Tudor (co-ordinator), Anne Woolridge (ISSSL), Maria Mahon (Verdis Waste), Ed van Reneen (Bywaters) and Mark Lepine-Williams (Firmley Health NHS Foundation Trust)





Previous research

Considerations for choosing appropriate healthcare waste management treatment technologies: A case study from an East Midlands NHS Trust, in England



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ABSTRACT

Through their decision-making processes, organisations can play a key role in addressing global environmental challenges. However, to be effective, these processes need to be based on evidence. This paper aims to evaluate the 'optimum' healthcare waste treatment technology, using a National Health Service organisation in the East Midlands region of England, as the case study organisation. Using analytic hierarchy process as the research tool, this research determined that the 'optimum' approach was a mix of technologies. However, this result was largely driven by costs considerations. Thus the findings suggest the need for a holistic approach to the decision-making process for the procurement of their healthcare waste management services. The use of analytic hierarchy process generally worked well in informing the decision-making process.

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and based upon the experience gained, suggestions are made for the benefit of countries with systems for healthcare waste management still in the early stages of development or without any provisions at all.





Current and future areas of focus

- Research
- Facilitating student work shadowing opportunities with various companies
- Also potential for longer work experience opportunities, funded through Santander and the University of Northampton
- Inform not only practice, but also policy
- Explore opportunities for collaboration/synergy





Contacts and Group webpage

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