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Award-winning paper in 2011

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Papers published in *Waste and Resource Management* are eligible for awards from the Institution of Civil Engineers. Papers from any of the ICE journals can be nominated for several awards. In addition, each journal has awards dedicated to their specific subject area.

On Friday 12 October 2012, ICE President Richard Coackley presented an award to the following paper published in *Waste and Resource Management* in 2011. The editorial panel nominated their best papers and an awards committee chaired by Barry Clarke allocated the award.

Telford Premium

The Telford Premium award, presented for the best paper on waste and resource management, was awarded to Rosqvist (2011).

Abstract

Results of geoelectrical resistivity monitoring at two landfill sites, a bioreactor landfill and a conventional municipal solid waste landfill site over a week are reported. The main objective was to investigate if geoelectrical resistivity can be used for localizing paths for landfill gas migration. The resistivity results were also related to local pore pressure measurements and to methane emission measurements using a laser-scanning instrument. The results suggest that the use of the interpreted resistivity and of its temporal variation can be suitable for the intended purpose, and confirm the applicability of resistivity imaging at landfills. It is also concluded that better knowledge about the dependence of resistivity variation to temperature, porosity and moisture content variations would improve the interpretation and that measuring or monitoring at least one of these additional parameters together with resistivity would be useful.

ICE President Richard Coackley presents the Telford Premium award to Håkan Rosqvist and co-authors

REFERENCE

Rosqvist H, Leroux V, Dahlin T *et al*. (2011) Mapping landfill gas migration using resistivity monitoring. *Proceedings of the Institution of Civil Engineers – Waste and Resource Management* **164(1):** 3–15, http://dx.doi.org/10.1680/warm.2011.164.1.3.