

Award-winning paper in 2015

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 7 October 2016, ICE president John Armitt presented an award to the following paper published in *Waste and Resource Management* in 2015. The editorial panel nominated their best papers and an awards committee chaired by Nigel Wright allocated the awards.

Thomas Telford Premium Prize

The Thomas Telford Premium Prize, presented for the best paper published in *Waste and Resource Management*, was awarded to Cox *et al.* (2015).

Abstract

Waste is a complex societal problem and its management brings together various stakeholders. However, lack of sufficient information on the quantities and types of materials in the waste stream can make sustainable waste management difficult. Since waste in one sector can be valuable as a resource in another, there is a need to understand the distribution of materials within the resource stream, especially those that go to landfill. Current work is seeking to address this: whereas much material is already recycled, this is not the only management option and there remain several problematic materials and components that need to be removed from residual waste. This paper, the first of two case studies, presents a more comprehensive waste composition specification to improve the management of municipal waste. In developing the approach, waste composition specifications currently in use were reviewed and compared with the solid municipal waste collected at community recycling centres and from kerbsides. Key primary and secondary descriptors for the better management of resources arising from municipal waste were determined and the impact of these changes on the information arising from composition analysis is discussed.



David Jesson and Angela Druckman, some of the winners of the Thomas Telford Premium Prize, with ICE President, John Armitt

REFERENCE

Cox JA, Mulheron M, Jesson D *et al.* (2015) Municipal solid waste as a resource: part 1 – specifying composition. *Proceedings of the Institution of Civil Engineers– Waste and Resource Management* **168(3)**: 101–114, <http://dx.doi.org/10.1680/jwarm.14.00013>.