

Award-winning paper in 2011

Papers published in *Engineering Sustainability* 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 *Engineering Sustainability* in 2011. The editorial panel nominated their best papers and an awards committee chaired by Barry Clarke allocated the award.

Trevithick Prize

The Trevithick Prize, presented for the best paper on engineering sustainability, was awarded to Mulligan *et al.* (2011).

Abstract

The importance of community participation in projects in the developing and developed world is widely recognised, despite considerable debate regarding what participation means in practice. In the developing world context, there is a distinct debate on how participation can achieve its stated goals of creating 'ownership' among targeted beneficiaries without becoming susceptible to elite capture or excluding marginalised groups. Projects that involve engineering analysis present a further challenge: to incorporate external technical expertise in decision-making so that project outcomes are improved, without compromising the participative process. The paper sets out a practical framework that reconciles the critical importance of early, meaningful community involvement in decision-making with the active role of the engineer as a technical adviser and facilitator. It is targeted for application in community scale infrastructure development projects, where the community is the primary targeted beneficiary. The framework draws a parallel with a traditional engineer–client relationship, in which the client's (in this case the community's) needs and preferences drive the design process and in which final design approval rests with the client, but where the engineer plays an active role in helping to understand and interpret the client's needs and develops engineering responses through an iterative, responsive design process.



ICE President Richard Coackley presents the Trevithick Prize to Joe Mulligan, Anna L. Tompsett and Peter M. Guthrie

REFERENCE

Mulligan J, Tompsett AL and Guthrie PM (2011) An 'engineer–client' framework for participation in community-scale infrastructure projects. *Proceedings of the Institution of Civil Engineers – Engineering Sustainability* **164**(1): 35–47.