

Award-winning paper in 2020

Papers published in *Géotechnique Letters* 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 15 October 2021, ICE president Rachel Skinner presented an award to the following paper published in *Géotechnique Letters* in 2020. The editorial panel nominated their best papers and an awards committee chaired by Tim Broyd allocated the awards.

TELFORD PREMIUM

The Telford Premium Prize was awarded to Wong *et al.* (2020).

ABSTRACT

A detailed experimental programme investigated how the coefficient of friction at particle contacts for a typical UK railway ballast varied during cyclic loading. Despite a decrease of roughness, the friction coefficient increased steadily, stabilising in the region of tens of cycles. In contrast to previous work on the contact behaviour of sands, water inundation caused a significant but reversible decrease of the coefficient, while the generation of a significant amount of abraded fines did not affect it, nor did the load level.

REFERENCE

Wong, C. P. Y. & Coop, M. R. (2020). Development of inter-particle friction in a railway blast. *Géotech. Lett.* **10**, 535–541, <https://doi.org/10.1680/jgele.19.00080>.



Telford Premium Prize winners Matthew R. Coop and Cacin Po-Ying Wong with ICE President Rachel Skinner