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Award winning paper in 2020.

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Announcement

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Award winning paper in 2020

Papers published in *Urban Design and Planning* 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 awards to the following papers published in *Urban Design and Planning* in 2020. The editorial panel nominated their best papers and an awards committee chaired by Tim Broyd allocated the awards.

Reed and Mallik Medal

The Reed and Malik Medal, presented to the best paper published by the Institution in the previous year covering construction aspects of a civil engineering project, was awarded to Galvin *et al.*, (2020).

Abstract

This paper presents a study on individual exposure of cyclists in Cork, Republic of Ireland, to air and sound pollution, along with vibration from cycling using relatively simple sensors. Cork is currently experiencing

an increasing interest in cycling, and different types of cycling transects were covered in this regard with varied infrastructure and exposure conditions for air pollution, sound and vibration. Audio-visual records were maintained throughout this cycling campaign and to connect exposure observations with available infrastructure and traffic conditions. The study highlights how the variations of exposure conditions can be obtained with relatively easy instrumentation and how such observations can be related to decisions around cycling infrastructure even when the measurements are not of the highest standard and/or are sometimes missing. The method, observations and conclusions are relevant for understanding how low-cost, lower-quality sensors can still be relevant for assessing exposure conditions for cyclists.

REFERENCE

Galvin M, Lenihan B, Popovici E *et al.* (2020) Estimating environmental exposure of cyclists in Cork using limited sensing capabilities. *Urban Design and Planning*. **173(2)**: 62–73, <https://doi.org/10.1680/jurdp.18.00001>.