

The Measurement of Land Use Mix

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Abstract

The mixing of residential and non-residential uses is often associated with shorter travel distances, reduced car usage and increased walking and public transport shares. Despite the growing interest on the effects of land use mix, little attention has been paid on how it should be measured. The presentation will first review the measures that have been used in the transport literature. It will then present a simulation experiment to examine their properties and investigate how the choice of metric can affect results.

Biography

Niovi Karathodorou is a PhD researcher at the Railway and Transport Strategy Centre at Imperial College London. She holds an MSc in Transport from Imperial College London and a BA in Mathematics from Cambridge University. She is currently working on the effects of land use mix on travel behaviour.