

Anna-Lena van der Vlugt, M. Sc. Geographie

Title of doctoral dissertation

Interaction between built environment, individual attitudes and mobility behaviour in urban neighbourhoods

Abstract

Accessibility is one of many prerequisites for equal participation in society. Dynamic changes in framework conditions – such as population growth or shrinkage and its aging, expected shortage and price increase of fossil fuels or obligations to comply with climate protection targets –, call for a sustainable transformation of our cities. Within these, local accessibility is a key indicator for sustainable transport planning and is therefore an important topic in the discussion. The dissertation follows the discourses on the influence of the built environment on mobility behaviour and the resulting effects on individual mobility decisions. To what extent and in what way (objective) accessibility conditions influence subjective perceptions and what effects result for individuals and groups is still insufficiently understood. The objective of the dissertation is (therefore) to investigate the influence of objective accessibility and subjective perception of accessibility on individual mobility behaviour in urban neighbourhoods. By combining objective accessibility parameters with subjective behavioural data, the results of the dissertation project can expand small-scale accessibility analyses and thus enable a better understanding of the cause-and-effect structure of spatial structures and mobility.

Supervision of doctoral dissertation

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