Formulation of traffic management strategies in disasters

Abstract

A traffic management (TM) strategy is a collection of traffic management measures intended to act upon a given transport situation (traffic problems, special events or transport development states). Such strategies should contain mutually supportive measures; otherwise the desired impact is not obtained and often leads to counter-productive results. This paper presents TM strategies which could be implemented in special cases of disasters. These strategies were developed as a part of a research program undertaken by the author. The required TM measures that form the TM strategies were investigated from disaster-prone or disaster affected regions of India and Germany. These derived TM strategies were developed with consideration of their impact on both areas of application- traffic demand reduction and transport supply augmentation.