

ABSTRACT

The construction of new roads has many negative consequences for the environment, among others also increasing of the fragmentation of landscapes. One of the precautions to reduce the impact of these negative consequences for the environment is the construction of ecoducts. The question is whether the currently built ecoducts in the Czech Republic are functioning and whether the funds spent to reduce the negative impacts of road constructions are spent effectively. This thesis discusses the ecoducts of the Prague road ring. At the end of 2015, there were already completed seven ecoducts at the whole road ring. Their dimensional characteristics were ascertained by measuring, the soil on ecoducts was compared with the soil on the immediate surroundings and the assessment of the condition of the vegetation on the ecoduct was done. The results suggest that ecoducts the Prague road ring have many drawbacks and their efficiency is reduced due to their inappropriate solution.