

Evaluation of land cover databases based on Prague metropole area

Abstract:

The aim of this study was to compare land cover databases Corine a Urban Atlas and assess their informative capability and classification systems. The work is focused on evaluation of land cover changes in Prague metropole area and its surroundings in period 1990 – 2000 a 2000 – 2006. The practical part is focused on land cover changes studied by remote sensing, suburbanization proces and comparison of different classification systems. Analysis of different land cover changes was made using spatial overlay. The study proved, that changes in the area are highly influenced by proces of suburbanization. It was also proved, that use of Corine database to study these changes causes a significant loss of information.

Key words: landcover, Corine, Urban Atlas, Prague