

Abstract

This diploma thesis deals with the use of geographic information systems in issue of facility management. Its purpose is to show the advantages of this connection, mostly the visualization and analytical capabilities of GIS. The general issues of facility management are described in the first part of the thesis – what it is about, what it brings, the most important definitions and standards are provided there. Then it continues with theory about connection with GIS and answers the question, why this cooperation is beneficial. It continues with description of importance of GIS during whole life circle of real estate. The chapter is concluded by definition of another powerful tool in FM – CAD/BIM. The fourth chapter discusses one of the important tasks of FM – passportization and its meaning. The last chapter before conclusion focuses on the practical part of thesis dealing with campus of the Czech Post in Malešice.

Keywords: Facility management, GIS, passportization, visualization