SAŽETAK

U ovom radu je opisan Cloud Computing i kako nas je evolucija računara dovela do Cloud Computinga. Istaknuta je važnost Clouda i njegova široka primjena. Naveli smo mnoge usluge iz *oblaka*, kao i podjelu prema infrastrukturi. Spomenuta je sigurnost u Cloudu i konačne prednosti, kao i nedostaci Cloud Computinga. Uz Cloud, govori se i o Geografskom informacionom sistemu – GIS-u, njegovim prednostima i područjima primjenjivanja. Prikazan je i GIS u Cloudu, uz objašnjenje koje su to prednosti za korisnike da imamo jedan softvera, kao što je GIS, „iznajmljen" iz Clouda. Praktičan primjer ovog rada je urađen upravo u GIS-u, u Cloudu. Implementirani su određeni regulacioni planovi i prikazana prednost za korisnike koji rade u ovom informacionom sistemu i druge korisnike kojima su ti planovi potrebni.

Ključne riječi: Cloud Computing, Geografski informacioni sistem, implementacija, sigurnost

ABSTRACT

This paper describes Cloud Computing and how the computer revolution brought us to Cloud Computing. It emphasises the importance of the cloud and its wide usage. Many services from the *cloud* are listed as well as division of infrastructure. It also mentions security in the cloud and its final advantages, as well as deficiencies of Cloud Computing. Along with the cloud, it also speaks about the Geographic Information System – GIS, its advantages and areas of usage. It also shows GIS in cloud, along with an explanation of the advantages for users having one software, such as GIS, leased from the cloud. Practical example of this paper is also done in the GIS in the Cloud. It implements certain regulatory plans and shows the advantages for users who work in this information system and for other users who need those plans.

Key words: Cloud Computing, Geographic Information System, implementation, security.