

Predavanje HDM-a:

Geomatics for cultural heritage assets metric documentation: state of art and new trends

Full Professor Fulvio RINAUDO, Ph.D.

Politecnico di Torino, DAD -Dipartimento di Architettura e Design

SAŽETAK

Geomatics is a set of disciplines which aims are build-up of 3D models of natural and artificial assets for different applications. The recent technological development push a rapid diffusion of these techniques to an ever greater group of people which thing to be able to make a survey just by using automatic tools without considering that the metric survey is an intelligent procedure that must be driven by skilled operators. After a rapid panorama on the more recent achievements in scanning systems and photogrammetry some real case of metric survey of Cultural Heritage complexes are showed by underlining the necessity of a correct design, execution, and check of all the actions to be able to produce a 3D model useful to documentation, restoration, and management of them.

KLJUČNE RIJEČI:

geomatics; cultural heritage assets; metric documentation; state of art