

THE ROLE OF SSFDP IN 3D DATA ACQUISITION OF CULTURAL HERITAGE OF SLOVAKIA

¹M.Fraštia, ²M. Paško

Slovak University of Technology in Bratislava, Faculty of Civil Engineering, Dept.of Geodesy, marek.frastia@stuba.sk

²Slovak society of photogrammetry and remote sensing, predseda@ssfdp.sk

²Expert_for_3D_Landscape, spol. s r.o., marko.pasko@x3d.sk

Abstract:

Slovak society of photogrammetry and remote sensing (SSFDP) is ordinary member of ISPRS for Slovakia. SSFDP joins all main centres of excellence of our universities, research and development departments of state or private organisations or individuals specialised on high quality data acquisition using methods of digital photogrammetry, laserscanning and other remote sensed data. Thanks to new created Regional centres of SSFDP we cover the area of whole Slovakia. But we see our role in 3d data acquisition of cultural heritage more than only in “covering”. Our experts represent knowledge collected many years of research and successful realizations in this area. These experts suggest, set up, manage and control the processes and the quality of data acquisition. It is even more important in time of automation, where the producers of technology claim to provide “simple and fully automatic and precise solution”. You as experienced interpreters and users of results of this measurements know, that if you would like to obtain results in high quality, each detail is important and nothing is simple. It is complex. It is multidisciplinary. For some interest’s groups is documentation of cultural heritage only possibility to place an invoice. For us it means possibility to explain, that only data with highest quality has to be stored and saved for future generations. It should not be a question of money. On other side, our economic situation leads us to smarter cheaper technology. Positive side effect of close cooperation between research and professional organizations is that all our knowledge can be quickly implemented in education. The role of SSFDP is to guarantee the right solution.