

Accuracy Evaluation and Quality Control of Digital Orthomap–Sheets

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Key words: GNSS/GPS; Remote sensing; Spatial planning;

SUMMARY

Digital colour orthorectified aerial images are widely used and important components of geodatabase in GIS, because they provide generic and accurate base maps. The aim of this paper is to evaluate the accuracy and quality of orthoimages, basis of a digital terrain model (DTM) approximated on the ground. The paper will show the measurements and results from a digital block aerial triangulation in Photogrammetry software, a crucial sign for a project quality, digital terrain extraction and editing. It also describes the complete stages an orthophotogeneration process, mosaicing, tiling of digital orthomap-sheets and investigates the spatial accuracy and quality of digital orthoimages.