



Particular realization cases of topographical details network solved using GNSS technology, in forestry

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In Romanian Forestry, the utilization conditions of GNSS technology are restrictive and this situation leads to the emergence of particular cases. Most frequent cases for GNSS technology encountered in forestry are: the determination of points in forest gaps, points in the proximity of forest edge and points situated in forest compact interior. The precision in point determination for GNSS technology in the case of forests varies as a function of site realities, a fact which imposes some minimal technical conditions. The demands with concern to working conditions in GNSS technology are precise but there are situations which allow accurate determination of the points even in forests. As a consequence, a series of points were determined using GNSS technology and conventional total station technology in some particular situations. The results were compared using admissible tolerances. The possibility of the utilization of the method is presented in order to obtain final products in numerical, digital and analogical format.