

FOROPA Expert Database on Biomass and Biomass Supply Chains

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Languages	Romanian Other: English, French	
Main references	<p>Expertise:</p> <ul style="list-style-type: none"> ▪ Harvesting systems and equipments; ▪ Work measurement and time studies in forest engineering (harvest operations); ▪ Efficiency analysis in timber harvesting; <p>Relevant publications:</p> <ul style="list-style-type: none"> ▪ Borz S.A., Dinulică F., Bîrda M., Ignea G., Ciobanu D.V. Popa B. (2013). Time consumption and productivity of skidding Silver fir (<i>Abies alba</i> Mill.) round wood in reduced accessibility conditions: a case study in windthrow salvage logging form Romanian Carpathians. <i>Annals of Forest Research</i> 56(2): 363-375. ▪ Popa B., Coman C., Borz S.A., Niţă D.M., Codreanu C., Ignea G., Marinescu V., Ioraş F., Ionescu O. (2013). Total Economic Value of Natural Capital – A Case Study of Piatra Craiului National Park. <i>Notulae Botanicae Horti Agrobotanici</i> 41(2): 608-612. ▪ Borz S.A., Bîrda M., Ignea G., Oprea I., 2011. Technological Aspects Regarding Timber Exploitation Using Mounity 4100 Cable Yarder. <i>Bulletin of the Transilvania University of Brasov, Vol. 4 (53), No. 2, 2011, Series II: Forestry • Wood Industry • Agricultural Food Engineering</i>, pp. 1-6. ▪ Borz S.A., Ciobanu D.V., 2013. Efficiency of motor-manual felling and horse logging in small-scale firewood production. <i>African Journal of Agricultural Research</i> 8(24): 3126-3135. ▪ Borz S.A., Ignea G., Popa B., 2014. Assessing timber skidding efficiency in a group shelterwood system applied to a fir-beech stand. <i>African Journal of Agricultural Research</i> 9(1): 160-167. 	