

### **Applicability of portable tools in assessing the bearing capacity of forest roads**

Kaakkurivaara, T., Vuorimies, N., Kolisoja, P. & Uusitalo, J., 2015, In : *Silva Fennica*. 49, 2, 26 p., 1239.

Research output: Contribution to journal > Article > Scientific > peer-review

### **Classifying soil stoniness based on the excavator boom vibration data in mounding operations**

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Research output: Contribution to journal > Article > Scientific > peer-review

### **Comparison of wood volume estimates of young trees from terrestrial laser scan data**

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Research output: Contribution to journal > Article > Scientific > peer-review

### **Controlled wettability of paperboard by nanoparticles using liquid flame spray process**

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### **Customer-oriented approach in cadastral procedures – Case study from Finland**

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Research output: Contribution to journal > Article > Scientific > peer-review

### **Data-based stochastic modeling of tree growth and structure formation**

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Research output: Contribution to journal > Article > Scientific > peer-review

### **Estimating tree stem diameters and volume from smartphone photogrammetric point clouds**

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Research output: Contribution to journal > Article > Scientific > peer-review

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### **Exposure to biological and chemical agents at biomass power plants**

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### **Fermentative metabolism of an anaerobic, thermophilic consortium on plant polymers and commercial paper samples**

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### **Finite element analysis of trees in the wind based on terrestrial laser scanning data**

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### **Fly ash in forest road rehabilitation**

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### **Fusion of open forest data and machine fieldbus data for performance analysis of forest machines**

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### **High-speed manufacturing of antimicrobial paper**

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### **How and why does willow biochar increase a clay soil water retention capacity?**

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### **How management intensity and neighborhood composition affect the structure of beech (*Fagus sylvatica* L.) trees**

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### **Influence of nutrient deprivations on lipid accumulation in a dominant indigenous microalga *Chlorella* sp., BUM11008: Evaluation for biodiesel production**

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### **Landowners' willingness to promote bioenergy production on wasteland – future impact on land use of cutaway peatlands**

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### **One-stage H<sub>2</sub> and CH<sub>4</sub> and two-stage H<sub>2</sub> + CH<sub>4</sub> production from grass silage and from solid and liquid fractions of NaOH pre-treated grass silage**

Pakarinen, O. M., Tähti, H. P. & Rintala, J. A., Oct 2009, In : Biomass & Bioenergy. 33, 10, p. 1419-1427 9 p.

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### **Planning land use for biogas energy crop production: The potential of cutaway peat production lands**

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### **Quantifying branch architecture of tropical trees using terrestrial LiDAR and 3D modelling**

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### **Screening boreal energy crops and crop residues for methane biofuel production**

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**Separating the impact of work environment and machine operation on harvester performance**

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**Terrestrial laser scanning for non-destructive estimates of liana stem biomass**

Krishna Moorthy, S. M., Raumonen, P., Van den Bulcke, J., Calders, K. & Verbeeck, H., 15 Jan 2020, In : FOREST ECOLOGY AND MANAGEMENT. 456, 14 p., 117751.

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**The economics of renewable CaC<sub>2</sub> and C<sub>2</sub>H<sub>2</sub> production from biomass and CaO**

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**The role of base substrate on barrier and convertability properties of Water based barrier coated (WBBC) paper and paperboard**

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**Tree biomass equations from terrestrial LIDAR: A case study in Guyana**

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