

Screening boreal energy crops and crop residues for methane biofuel production

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

Controlled wettability of paperboard by nanoparticles using liquid flame spray process

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

Methane production from maize in Finland - Screening for different maize varieties and plant parts

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

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

Data-based stochastic modeling of tree growth and structure formation

Fly ash in forest road rehabilitation

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

Exposure to biological and chemical agents at biomass power plants

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

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

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

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

Evaluating the contrast of planar periodic patterns on paper

High-speed manufacturing of antimicrobial paper

Online quality evaluation of tissue paper structure on new generation tissue machines

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

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

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

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

Sustainability of bioenergy in finland and globally – fact check

The economics of renewable  $\text{CaC}_2$  and  $\text{C}_2\text{H}_2$  production from biomass and  $\text{CaO}$

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

Tree biomass equations from terrestrial LiDAR  
A case study in Guyana

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

Estimating tree stem diameters and volume from smartphone photogrammetric point clouds

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

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