

State of the Art and Challenges in Modelling and Simulation of Wood Chip Supply Chains

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Abstract:

Many research projects have been carried out to help solve biomass supply chain type problems. These can include system analyses, modelling, simulation and optimization type studies. This document serves as a discussion paper, to effectively summarise scope, purpose and methods utilised by the studies that either have been, or are being carried out. The overall goal is to improve and harmonize our understanding and approaches to System Analyses and Modelling in Forest Biomass Supply Chains research. It could also be an important reference document for anyone starting new modelling projects, especially young researchers.

Keywords: wood chip supply chain, biomass, modelling, simulation and optimization