

# FOROPA Expert Database on Biomass and Biomass Supply Chains

<b>Name and Surname</b>	Univ. Prof. Dr. Manfred Gronalt	
<b>Field of expertise</b>		
<b>Recent employment</b>	Institute of Production and Logistics, University of Natural Resources and Life Sciences, Vienna	
<b>Address</b>	Feistmantelstrasse 4 1180 Wien	
<b>Phone</b>	+43 1 47654 4411	
<b>e-mail</b>	<a href="mailto:manfred.gronalt@boku.ac.at"><i>manfred.gronalt (at) boku.ac.at</i></a>	
<b>Internet</b>	<a href="http://www.boku.ac.at"><u>www.boku.ac.at</u></a>  <a href="https://forschung.boku.ac.at/fis/suchen.person_uebersicht?sprache_in=en&amp;menue_id_in=101&amp;id_in=5367"><u>https://forschung.boku.ac.at/fis/suchen.person_uebersicht?sprache_in=en&amp;menue_id_in=101&amp;id_in=5367</u></a>	
<b>Languages</b>	English / German	
<b>Main references</b>	<p>Dr. Manfred Gronalt is University Professor at the institute of production and logistics since 2002. His research focuses on production management; logistics and simulation, focusing also on forest based industry and bioenergy.</p> <p>Oberscheider, M; Zazgornik, J; Henriksen, CB; Gronalt, M; Hirsch, P (2013): Minimizing driving times and greenhouse gas emissions in timber transport with a near-exact solution approach. SCAND J FOREST RES. 2013; 28(5): 493-506.</p> <p>Rauch, P; Hahn, H; Gronalt, M (2012): ProBio - Strategies to overcome new supply risks and to ensure a reliable and sustainable wood fuel supply for bioenergy production. Klima- und Energiefonds der Bundesregierung, 62.</p> <p>Derigs, U., Pullmann, M., Vogel, U., Oberscheider, M., Gronalt, M., Hirsch, P. (2012): Multilevel neighborhood search for solving full truckload routing problems arising in timber transportation. ELECTR NOTES IN DISCRETE MATHEMATICS, 39, 281-288</p> <p>Rauch, P; Gronalt, M (2011): The effects of rising energy costs and transportation mode mix on forest fuel procurement costs. Biomass &amp; Bioenergy; 35(1): 690-699.</p>	