

FOROPA Expert Database on Biomass and Biomass Supply Chains

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Field of expertise	Wood processing, CFD modeling, Combustion modeling.	
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Main references	<p>Manolis Karampinis has a Diploma in Chemical Engineering, a MSc in Energy Generation and Management and a MBA in Engineering – Economic Systems from the National Technical University of Athens. He is also a PhD Candidate in National Technical University of Athens, Mechanical Engineering Department.</p> <p>His main expertise is:</p> <ul style="list-style-type: none">▪ Combustion modeling of biomass particles▪ CFD modeling of lignite / biomass co-firing at large scale power plants▪ Large-scale combustion trials▪ Organization and analysis of biomass supply chains▪ Biomass sustainability issues <p>As a research associate he is involved in international projects like DEBCO– Demonstration of Large Scale Biomass Co-firing and Supply Chain Integration (FP7EN, 2008-2012) and BIOCLUS – Developing research and innovation environment in the field of sustainable use of biomass resources, (FP7/ Regions of Knowledge, 2009-2012). He has also participated in Co-combustion Behaviour of Secondary Fuels with Coal for Power Generation, Bilateral Cooperation with Bringham Young University (General Secretariat for Research and Technology, 2006-2007) and in Regional Pole of Innovation in Western Macedonia – Action A3: Co-combustion of secondary fuels (biomass) with lignite in a power Plant (General Secretariat for Research and Technology, 2007-2008).</p>	