

## **Analysis of Fuel Properties and Flammability of Novel Miscanthus Genotypes, Grown in Croatia, during the First Three Vegetation Seasons**

Short introductory summary:

In order to determine the possibility of its utilization, the objective of this research was to determine the biomass quality of 13 novel Miscanthus hybrids, grown in Republic of Croatia, within the BBI DEMO project GRACE, during the first three vegetation seasons. The aim was to evaluate their energy potential if used as raw material for direct combustion. Furthermore, the microscale combustion calorimetry (MCC) was applied to give a detailed insight into the combustion process of raw material for the same purpose.

Presenter: **Vanja JURISIC, University of Zagreb Faculty of Agriculture, Agricultural Technology, Storing and Transport Dpt., Zagreb, CROATIA**

Presenter's biography:

Vanja Jurisic, PhD is currently working as an Assistant Professor. Her area of expertise is related to RES in agriculture, in particular the pretreatment of lignocellulose biomass, as well as production of biofuels and bioproducts from different agricultural crops (energy crops, ag residues etc.).

*Biographies and Short introductory summaries are supplied directly by presenters and are published here unedited*

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Session reference: 2DV.2.8

Subtopic: 2.1 Production and Supply of Solid Fuels and Intermediates

Topic: 2. BIOMASS CONVERSION FOR BIOENERGY