



The MISCOMAR Project International Scientific Conference

Multiple benefits of biomass crops on marginal land

20th-21st March 2019, Institute for Ecology of Industrial Areas, Katowice, Poland

CONFERENCE PROGRAMME – POSTER SESSION

21 th March 2019 9:00 – 10:20	
Lp.	Networking coffee and Poster Session Moderator: Jacek Krzyżak, Institute for Ecology of Industrial Areas, Poland
1.	Effects of selected plant growth regulators on <i>Miscanthus x giganteus</i> biomass production in the Czech Republic Jan Černý, Diana Nebeská Jan Evangelista Purkyne University, Faculty of Environment, Czech Republic
2.	Activity of soil microorganisms during <i>Miscanthus x giganteus</i> cultivation: first results of the field study in the Czech Republic Hana Burdova, Diana Nebeska Jan Evangelista Purkyne University, Faculty of Environment, Czech Republic
3.	The biomass production of <i>Miscanthus x giganteus</i> in contaminated land of the rainfall shortage regions of Ukraine Valtynina Pidlisnyuk, Jan Evangelista Purkyne University, Czech Republic, Tatyana Stefanovska, National University of Life and Environmental Sciences, Ukraine, Valeriy Katilevskiy, SME Katilevskiy, Ukraine, Kumar Pranaw, Jan Evangelista Purkyne University, Czech Republic
4.	Assessment of AMF development in roots of seed-based <i>Miscanthus</i> hybrids cultivated on heavy metal contaminated arable soil Alicja Szada-Borzyszkowska Institute for Ecology of Industrial Areas, Poland
5.	Examples of industrial applications of <i>Miscanthus</i> biomass Grzegorz Żurek, Kamil Prokopiuk, Danuta Martyniak Plant Breeding & Acclimatization Institute, National Research Institute, Poland
6.	Terravesta: developing the commercial propagation of <i>Miscanthus</i> Sam Buckby, Michael Squance Terravesta Ltd., United Kingdom
7.	Chemophytostabilisation of metal mine spoil using energy crops and bacterial edophytes Megan Charlton Aberystwyth University, Institute of Biological, Environmental and Rural Sciences, United Kingdom
8.	Field-based investigations on phytostabilization of a contaminated military site using biofuel crop and soil amendments Zafer Alasmary Kansas State University, United State
9.	Biodiversity of arthropods in industrial crops Paweł Radzikowski, Mariusz Matyka Institute of Soil Science and Plant Cultivation – State Research Institute, Poland



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10. **Balance of macronutrients in perennial industrial plants cultivation**
Paweł Radzikowski, Mariusz Matyka
Institute of Soil Science and Plant Cultivation - State Research Institute, Poland
11. **Some parameters of growth and development of *Sida hermaphrodita* Rusby cultivated on sandy soil at moderate Poland's climate**
Stanisław Pużyński, Silesian Agricultural Advisory Centre in Częstochowa, Poland, Katarzyna Pużyńska, University of Agriculture in Krakow, Poland
12. **Relationships among mycorrhizal colonisation, mineral nutrition and physiological status of *Calamagrostis epigejos* growing on substrate from coal mine spoil heap**
Paulina Zieleźnik-Rusinowska
University of Silesia in Katowice, Poland
13. **Evaluation of the variability of the gene pool of switch grass (*Panicum virgatum* L.) collected in the IHAR-PIB Botanical Garden in Bydgoszcz**
Włodzimierz Majtkowski, Jan Schmidt, Bartosz Tomaszewski
Botanical Garden in Bydgoszcz, National Centre For Plant Genetic Resources, Plant Breeding and Acclimatization Institute - NRI, Poland
14. **The small area plantations of *Salix viminalis* L. as an element of sustainable development of rural areas**
Aneta Kutkowska, Maria Janicka, Jakub Paderewski
Agronomy Department, Warsaw University of Life Sciences – SGGW, Poland
15. **SUPERVALUE Project: Energy and elements recovery from wet organic waste streams**
Marcin Siedlecki, Karina Michalska
Research and Innovation Centre Pro-Akademia, Poland
16. **Physis: Welcome to the next generation scientific data management platform**
Michael Squance, Sam Buckby
Physis Data Ltd., United Kingdom
17. **Using the leaching behaviour test to characterize waste introduced to the environment**
Monika Tabak, Aneta Lisowska, Marcin Niemiec
Department of Agricultural and Environmental Chemistry, University of Agriculture in Cracow, Poland
18. **Content of humus compounds in the mixture of sewage sludge and hard coal ash**
Aneta Lisowska, Monika Tabak, Barbara Filipek-Mazur, Marcin Niemiec
Department of Agricultural and Environmental Chemistry, University of Agriculture in Cracow, Poland



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