



WROCLAW UNIVERSITY
OF ENVIRONMENTAL
AND LIFE SCIENCES



**THE FIRST INTERNATIONAL SCIENTIFIC
CONFERENCE
ON ECOLOGICAL AND ENVIRONMENTAL
ENGINEERING
26-29 June 2018
KRAKÓW, POLAND**



HONORARY PATRONAGE



MINISTRY
OF THE ENVIRONMENT



MINISTRY OF AGRICULTURE
AND RURAL DEVELOPMENT



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LUBELSKIE VOIVODESHIP

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3RD ANNOUNCEMENT

PROPOSED CONFERENCE PROGRAM

26th June 2018 – Tuesday

17.00–20.00	Welcome reception – Hall in the Congress Center University of Agriculture in Kraków, al. 29 Listopada 46, 30-059 Kraków
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27th June 2018 – Wednesday

9.00–10.00	Registration – Hall in the Congress Center University of Agriculture in Kraków, al. 29 Listopada 46, 30-059 Kraków
10.00–10.30	Conference opening – Aula
10.30–12.30	Plenary session Chair: <i>Magdalena Gajewska & Czesława Rosik-Dulewska</i>
10.30–11.00	<i>Anabela Durao</i> (Portugal) – Water and wastewater management in Portugal: an overview
11.00–11.30	<i>Andrea Petroselli</i> (Italy) – GIS Terrain Analysis for hydrogeomorphic applications and rainfall runoff modeling
11.30–12.00	<i>Konrad Thürmer</i> (Germany) – "New" approach to river maintenance depending on a climate change
12.00–12.30	<i>Jacek Dach</i> (Poland) – Biowaste to biogas/biohydrogen: innovative Polish real-scale installations
13.00–14.00	Lunch

Parallel session

	Club room	Room 003
14.00–15.40	Water and wastewater technology Chair: <i>Anabela Durao & Gabriel Borowski</i>	Renewable energy Chair: <i>Jacek Dach & Alina Kowalczyk-Juśko</i>
14.00–14.20	Use of the phytoremediation for tuning olive mill wastewater pretreated by chemical precipitation <i>Adelaide Almeida, Manuel Godinho, Fátima Carvalho, Carlos Ribeiro</i>	Assessment of methods for lignocellulosic biomass pre-treatment/hydrolysis to produce liquid biofuels <i>Linda Mezule, Ieva Berzina, Martins Strods</i>
14.20–14.40	Study of catalytic processes for biodiesel production wastewater treatment <i>Maria Teresa Borrvalho, Ana Pardal, Solange Coelho, Andreia Estrelo</i>	Evaluation of energy production through solar photovoltaic technology for self-consumption in the Parish Council of São Bartolomeu de Messines, Portugal <i>Ana Pardal, José Paulo Pinto, Joana Fernandes</i>

14.40–15.00	<p>Can analyses of pharmaceuticals and personal care products mirror microbial source tracking of faecal water contamination?</p> <p><i>Lisa Paruch, Adam Paruch</i></p>	<p>Development of the Polish geothermal sector in the light of current possibilities of financial support for a geothermal investment</p> <p><i>Anna Chmielowska, Anna Sowiżdżał</i></p>
15.00–15.20	<p>The first implementation of green wastewater technology to agro-tourism business in Romania</p> <p><i>Adam Paruch, Trond Mæhlum, Ragnar Eltun, Emanuel Tapu, Ovidiu Spinu</i></p>	<p>Energy analysis of building biogas plant at the poultry farm</p> <p><i>Aleksandra Jeżowska, Damian Janczak, Andrzej Lewicki, Kamil Kozłowski, Dawid Chelkowski</i></p>
15.20–15.40	Discussion	Discussion
15.40–16.00	Coffee break	
Parallel session		
16.00–17.20	<p style="text-align: center;">Club room</p> <p style="text-align: center;">Water and wastewater technology</p> <p style="text-align: center;">Chair:</p> <p style="text-align: center;"><i>Adam Paruch & Katarzyna Pawęska</i></p>	<p style="text-align: center;">Room 003</p> <p style="text-align: center;">Renewable energy</p> <p style="text-align: center;">Chair:</p> <p style="text-align: center;"><i>Linda Mezule & Ana Pardal</i></p>
16.00–16.20	<p>The possibilities of using the broadleaf cattail seeds (<i>Typha latifolia</i> L.) as super absorbent for removing aromatic hydrocarbons (BTEX) from an aqueous solution</p> <p><i>Tomasz Ciesielczuk, Czesława Rosik-Dulewska, Joanna Poluszyńska</i></p>	<p>Influence of inoculum origin on anaerobic digestion research in batch technology</p> <p><i>Dawid Chelkowski</i> <i>Wojciech Czekala, Jakub Mazurkiewicz, Aleksandra Jeżowska, Michał Brzoski</i></p>
16.20–16.40	<p>The impact of <i>Bacillus megaterium</i> on the solubilization of phosphorus from the sewage sludge</p> <p><i>Joanna Ciopińska, Elżbieta Bezak-Mazur, Renata Stoińska, Bartosz Szeląg</i></p>	<p>Combining lacasse and biogas production: use of <i>Cerrena unicolor</i> as pretreatment for anaerobic digestion of sugarcane bagasse</p> <p><i>Isaias Emilio, Paulino do Carmo, Dominika Skibińska, Kamil Kozłowski, Anna Anteka, Stanisław Ledakowicz, Jacek Dach</i></p>
16.40–17.00	<p>Effects of biochar addition on vermicomposting of food industry sewage sludge</p> <p><i>Jakub Świątek, Tadeáš Spitzer</i></p>	<p>Mesophilic versus thermophilic anaerobic digestion of food waste as bioconversion methods</p> <p><i>Marta Cieślik, Wojciech Czekala, Dawid Chelkowski, Maria Różańska, Marta Archacka</i></p>
17.00–17.20	Discussion	Discussion
20.00	Gala dinner – Canteen near Congress Center, Klemensiewicza 3, 31-425 Kraków	

28th June 2018 – Thursday

Parallel session

	<p>Club room Water and wastewater technology Chair: <i>Agnieszka Karczmarczyk & Andrzej Wałęga</i></p>	<p>Room 003 Formation and protection of environment Chair: <i>Agnieszka Cupak & Andrea Petroselli</i></p>
<p>9.00–9.20</p>	<p>Microwave disintegration of sludge as a method of acceleration aerobic stabilization process</p> <p><i>Maciej Malarski, Justyna Czajkowska, Piotr Nowak</i></p>	<p>Ecotoxicological risk assessment of tributaries to the Alqueva Reservoir (Southern Portugal)</p> <p><i>Patrícia Palma, Sofia Fialho, Ana Lima, Alexandra Penha, Maria Helena Novais, S. Monllor-Alcaraz, N. Guillem-Argiles, Mirien Lopez de Alda, Paula Alvarenga, Manuela Morais, Rui Salgado</i></p>
<p>9.20–9.40</p>	<p>Impact of small municipal solid waste landfill on groundwater quality</p> <p><i>Grzegorz Przydatek, Włodzimierz Kanownik</i></p>	<p>Assessing water quality for irrigation and soil salinization risk under drought: the case of the Alqueva reservoir (Guadiana river basin)</p> <p><i>Alexandra Tomaz, Sofia Fialho, Ana Lima, Paula Alvarenga, Miguel Potes, Rui Salgado, Patrícia Palma</i></p>
<p>9.40–10.00</p>	<p>LC-MS/MS method validation for determination of selected neonicotinoids in groundwater for the purpose of a column experiment</p> <p><i>Katarzyna Wątor, Damian Pietrzak, Dorota Pękała, Justyna Wójcik, Aneta Chochorek, Ewa Kmiecik, Jarosław Kania</i></p>	<p>Factors affecting the development of algal assemblages in the Alqueva Reservoir, southern Portugal</p> <p><i>Maria Alexandra Penha, Maria Helena Novais, Eduardo Morales, Patrícia Palma, Sofia Fialho, Ana Filipa Lima, Susana Nunes, Anabela Rosado, Anabela Durão, Rui Salgado, Maria Manuela Morais</i></p>
<p>10.00–10.20</p>	<p>Efficiency of municipal wastewater treatment with the membrane bioreactor</p> <p><i>Magdalena Kuśnierz</i></p>	<p>Finding equation constants transfer heat fluids in open porous structure</p> <p><i>Anatoliy Pavlenko, Hanna Koshlak, Anna Maria Slowak</i></p>
<p>10.20–10.40</p>	<p>Discussion</p>	<p>Discussion</p>
<p>10.40–11.40</p>	<p>Poster session and coffee break - Hall in the Congress Center Chair: <i>Tomasz Tyimiński & Agnieszka Ziernicka-Wojtaszek</i></p>	

Parallel session		
11.40–13.20	Club room Climate changes Chair: <i>Justyna Czajkowska & Laima Cesoniene</i>	Room 003 Formation and protection of environment Chair: <i>Konrad Thürmer & Beata Olszewska</i>
11.40–12.00	Spatial and temporal feedback of soil erosion to climate change in an agricultural catchment in Poland <i>Romuald Żmuda, Grzegorz Chrobak</i>	Marginal cost curve of air pollution reduction as a tool of air quality management: Krakow case study <i>Agnieszka Flaga-Maryńczyk, Tomasz Stypka</i>
12.00–12.20	Application of a detection and attribution approach to identify the impact of anthropogenic factors on local climate change <i>Grzegorz Chrobak, Katarzyna Chrobak</i>	Application of the theory of game against nature in the assessment of technical solutions used in river regulation in the context of aquatic plant protection <i>Justyna Hachoł, Elżbieta Bondar-Nowakowska</i>
12.20–12.40	Verification of pluviothermal regionalizations of Poland in the light of contemporary climate change <i>Agnieszka Ziernicka-Wojtaszek</i>	Evaluation of the possibility of using laser scanning for estimation of biomass production in hybrid constructed wetland <i>Radomir Obroślak, Andrzej Mazur, Alina Kowalczyk-Juško, Agnieszka Listosz, Michał Marzec, Kamil Nieścioruk, Patrycja Pochwatka, Krzysztof Józwiakowski, Roman Rybicki, Przemysław Leń</i>
12.40–13.00	Environmental revolution in Cameroon <i>Prudencia Ekom Mbah</i>	Environmental turmoils an effect of lack of sustainability <i>Valery Nkengifor</i>
13.00–13.20	Discussion	Discussion
13.30–14.30	Lunch	
16.00	Kraków Tour: Main Square in Krakow, Cloth Hall, St. Mary's Basilica, Royal Wawel Cathedral (Tombs of Polish Kings in Wawel), Tower of Silver Bells.	
29th June 2018 – Friday		
9.00–14.00	Protection of the natural environment in the Ojców National Park - Tour	
14.00–15.00	Dinner – Closing ceremony of the conference Zajazd Wernyhora s.c., Pieskowa Skała 9, 32-045 Sułoszowa	
about 16.00	Return to Kraków	

IMPORTANT INFORMATIONS

DEADLINE FOR FULL MANUSCRIPT SUBMISSION

30TH JUNE 2018

POSTERS SIZE

60 x 90 cm

PUBLICATION OF PAPERS

All papers must report original, previously unpublished, scientific and technical findings in the scopes of the conference, prepare correctly with guidelines of each journal.

Please to send the full manuscript of paper directly to the journal which the article was chosen from the list:

Ecological Engineering (IF = 2.914 – in 2016/2017)

<https://www.journals.elsevier.com/ecological-engineering/>

Archives of Environmental Protection (IF = 0.708 – in 2016/2017)

<http://ipis.pan.pl/pl/nauka/archives-of-environmental-protection>

Journal of Ecological Engineering

<http://www.jeeng.net>

Acta Scientiarum Polonorum - Formatio Circumiectus

<http://www.formatiocircumiectus.actapol.net/pl/>

Journal of Water and Land Development

http://www.itp.edu.pl/wydawnictwo/journal/index_en.php .

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In the all papers should be added annotation: Publication supported by the Polish Ministry of Science and Higher Education as a part of the program of activities disseminating science from the project „Organization of the First International Science Conference – Ecological and Environmental Engineering”, 26-29 June 2018, Kraków.

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