



## THE FIRST INTERNATIONAL CONFERENCE ON ECOLOGICAL AND ENVIRONMENTAL ENGINEERING

26-29 JUNE 2018, KRAKÓW, POLAND

### Preface

We are pleased to present the proceedings of the first International Scientific Conference on Ecological and Environmental Engineering, which took place in Krakow on June 26-29, 2018.

The conference was organized on the basis of cooperation of six Polish universities: University of Life Sciences in Lublin, Hugo Kołłątaj University of Agriculture in Kraków, Gdańsk University of Technology, University of Life Sciences in Poznań, Wrocław University of Environmental and Life Sciences, Warsaw University of Life Sciences, as well as Beja Polytechnic from Portugal, Ojców National Park and Polish Society of Ecological Engineering – Branch in Lublin.

The conference brought together scientists, academics, specialists and students from around the world to present and disseminate their research work.

The conference covered four topics: water and sewage management, renewable energy sources, climate change, and environmental protection and development.

Our event was attended by 130 participants, including 40 from foreign academic centres from 14 countries (Portugal, Ukraine, Lithuania, Estonia, Georgia, Germany, Russia, Cameroon, Norway, China, Italy, the Czech Republic, Brazil and Bangladesh) and 90 participants from various scientific centres from Poland (from Lublin, Cracow, Gdańsk, Poznań, Wrocław, Warsaw, Opole, Kielce, Białystok and Częstochowa). The conference by Representatives of local government units from the Małopolska province, the Ojców National Park and the Branch of the Polish Society of Environmental Engineering in Lublin were also contributed to our conference .

The total number of 36 oral presentations and 112 posters was presented during the conference by authors from various countries around the world. This volume of proceedings consists of 35 peer-reviewed articles on various conference topics. Publication of the proceedings was 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”.

We hope that the presentation of the latest scientific achievements in the field of ecological and environmental engineering will be implemented into the practice and contribute not only to improving the well-being of people, but also to develop effective methods for managing environmental resources as a part of circular economy in sustainable development.

We would like to thank the sponsors of the conference: Work Cooperative Muszynianka from Krynica Zdrój; Chochółów thermal baths from Chochółów and the Sopel mineral water bottling plant from Muszyna. Thanks also to the company Studiotech - Audiovisual Engineering from Warsaw for realisation of the Internet webcast during the plenary session. At the end, we would like to thank all the participants of the scientific and organizing committees for their hard work.

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Detailed information about the conference is available on the website: <https://coee.urk.edu.pl/>

We invite you to participate in our next conferences.

Organizers

