

Preface

Due to recent pandemic, the 2021 International Conference on Environmental Pollution and Governance (ICEPG 2021) which was planned to be held in Xiamen, China, was held virtually online during May 21-23, 2021. The decision to hold the virtual conference was made in compliance with many restrictions and regulations that were imposed by countries around the globe. Such restrictions were made to minimize the risk of people contracting or spreading the COVID-19 through physical contact. There were 90 individuals who attended this on-line conference, represented many countries including France, UK, USA and China.

The annually-held ICEPG conference aims to gather professors, researchers, scholars and industrial pioneers all over the world. ICEPG is the premier forum for the presentation and exchange of past experiences and new advances and research results in the field of theoretical and industrial experience. The conference welcomes contributions which promote the exchange of ideas and rational discourse between educators and researchers all over the world. The organizing committee of conference is pleased to invite prospective authors to submit their original manuscripts to ICEPG 2021.

During the conference, the conference model was divided into three sessions, including oral presentations, keynote speeches, and online Q&A discussion. In the first part, some scholars, whose submissions were selected as the excellent papers, were given about 5-10 minutes to perform their oral presentations one by one. Then in the second part, keynote speakers were each allocated 30-45 minutes to hold their speeches. In the second part, we invited two professors as our keynote speakers. Prof. Roger Ruan, from University of Minnesota, USA, performed a speech: *Sustainable solid and liquid waste treatment through utilization for circular economy development*. In this presentation, new biorefining model and development in sustainable technologies have been presented and highlighted, which had the potential to maximize use and minimize disposal of solid and liquid wastes. And then we had Prof. Fawang Zhang, from China Geological Survey, China. He made a wonderful speech: *Water rock interaction mechanism and environment deterioration trend in group coal mining area*. In addition, we had Prof. Junwen Zhang, from China University of Mining and Technology(Beijing), China as our invited speakers. He delivered a wonderful speech: *The impact of modern coal mining activities on the environment and control*. Their insightful speeches had triggered heated discussion in the third session of the conference. Every participant praised this conference for disseminating useful and insightful knowledge.

The proceedings are a compilation of the accepted papers and represent an interesting outcome of the conference. Topics include but are not limited to the following areas: Environmental pollution control technology, Air pollution control project, Soil pollution control, Thermal pollution control, Water treatment technology of power plant. All the papers have been through rigorous review and process to meet the requirements of International publication standard.

We would like to acknowledge all of those who supported ICEPG 2021. The help and contribution of each individual and institution was instrumental in the success of the conference. In particular, we would like to thank the organizing committee for its valuable inputs in shaping the conference program and reviewing the submitted papers.

We sincerely hope that the ICEPG 2021 turned out to be a forum for excellent discussions that enabled new ideas to come about, promoting collaborative research. We are sure that the proceedings will serve as an important research source of references and knowledge, which will lead to not only scientific and engineering findings but also new products and technologies.

Committee of ICEPG 2021

Committee member

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