

## Preface

As an important communication platform in the fields of environment and energy, the 2024 4<sup>th</sup> International Conference on Environment Resources and Energy Engineering (ICEREE 2024) was held from February 23<sup>rd</sup> to 25<sup>th</sup>, 2024 in Zhuhai, China (virtual conference), which provided an excellent opportunity for experts, scholars, and enterprise representatives from all over the world to present the latest research results, exchange innovative ideas, and explore opportunities for cooperation.

This conference brought together more than 150 delegates from all over the world. And the members of the conference organizing committee reflect a high degree of internationality. The organizing committee includes experts and scholars from CSIR-Central Leather Research Institute (India), Government College University Lahore (Pakistan), Universiti Tun Hussein Onn Malaysia (Malaysia), Nanyang Technological University (Singapore), Southern Cross University Australia (Australia), Fudan University (China), among others. They not only have profound academic background, but also have rich experience in organizing international conferences, which ensures the academic level and international influence of this conference.

During the conference, a series of academic presentations and group discussions centered on the conference theme were carried out. Well-known scholars, including Prof. Ahmad Zuhairi Abdullah (Universiti Sains Malaysia, Malaysia), Prof. Abdul-Sattar Nizami (Government College University Lahore, Pakistan), and Prof. Zawawi Bin Daud (Universiti Tun Hussein Onn Malaysia, Malaysia) acted as keynote speakers and discussed and shared the research progress and future trends in relevant fields. The speakers made wonderful presentations and explanations on their own research achievements, and also actively engaged in in-depth exchanges and discussions with other participants to jointly explore new research directions and application areas.

In addition to the rich academic exchange activities, the conference also published a high-quality conference proceedings. The proceedings contains many excellent academic contributions submitted by the participants on many research directions and latest progress in the fields of environment resources and energy engineering, including Water Resources and River Basin Management, Climate and Climatic Changes, Air Pollution and Control, Solid Waste Management, Renewable Energy Grid, Energy Development & Investment Policy, etc. These papers not only show the research results of experts and scholars in related domains, but also provide valuable references for other researchers.

Here, we would like to thank all the organizing committee members for their hard work and careful organization, which provided participants with high-quality conference services and a comfortable communication environment. In addition, we would like to acknowledge the editorial team and reviewers for strictly controlling the quality of the papers to ensure the academic level and value of the proceedings. Thanks also go to all the contributing authors, whose hard work and innovative spirit have added rich contents and unique perspectives to the proceedings.

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