

Preface

The 2022 3rd International Symposium on Energy Environment and Green Development (EEGD 2022) was successfully held during November 18th to 20th, 2022 in Qingdao, China (virtual conference). The conference is an international forum for scientists, engineers, and practitioners to present their latest research results and inspirations in all areas of energy environment and green development.

The success of EEGD 2022 promoted an exchange of recent and advanced information among scientists and engineers in the fields of energy environment and green development. The conference also promoted communication and collaboration between fundamental researchers and those engaged in the development of practical technology in respective areas of energy and environment, strengthened the academic research and discussion, and facilitated future business contacts among all the participants.

The scope of the conference covered all areas of research in energy environment and green development, including: Energy Management, Energy-saving Technology, Nuclear Energy Engineering, Environmental Planning and Assessment, Ecological Civilization Construction, Global Climate Change, etc. The conference brought together 50 participants, primarily from China, but also from Brazil, Uzbekistan, Egypt, and other countries.

A three-day program of the conference was divided into three parts, including keynote speeches, oral presentations, and academic investigation. Each keynote speaker was given 30-40 minutes for keynote speeches and every presenter was given 10-15 minutes. Among them, Prof. Arash Gharibi from Samarkand State University, Uzbekistan performed a keynote speech on the title: Is It Possible to Restore Water Tables in a Desert so that the Result Is Greening the Desert with Roses? In the presentation, he presented the latest methods on how to stop desertification in China and around the world. He exclaimed that a holistic solution is needed to be able to mimic nature to stop the desert from growing larger and larger. Actions Against Desertification (AAD) include straw checkerboards planting, planning grazing to mimic nature, agro forestry System (planting many trees as a wall), crop circle, and flash floods (Green Prophet). The dramatic and insightful speeches of each keynote speakers triggered heated discussions and a number of informal talks between all the participants.

We would like to thank all the participants in the 2022 3rd International Symposium on Energy Environment and Green Development. We would also like to thank the Organizing Committee and all the Committee members, for the work they put in to organize this event. Finally, our special thanks go to the Earth and Environmental Science, for the endeavor of all its colleagues in publishing this paper volume. We deeply appreciate their efforts in making the conference successful.

The Committee of EEGD 2022

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