

Preface

It is our pleasure to introduce you to the Proceedings of 2020 The 3rd International Conference on Renewable Energy and Environment Engineering (REEE 2020). After the success of REEE2018&2019 in Paris, and Munich, respectively, the conference is held online on August 16-18, 2020 this year. Due to the sudden outbreak and the impact of the COVID-19, in addition to the entry-exit limitation by the local government, after the careful discussion by the organizing committee, in consideration of all participants' safety and health, REEE 2020 is held online finally. Under this circumstance, we still received the support and understanding from all participants and guests, we thank all the contributions made by them, which made the conference successful and meaningful.

The aim of REEE is dedicated to the exploration and communication of renewable energy and environment engineering in the world, discussing recent developments in a wide variety of topics including solar and photovoltaic systems, energy engineering and power generation technology, environmental monitoring and quality assessment, modern electronic technology and application etc. The proceedings are the result of REEE 2020, which presents 24 accepted articles selected from more than 45 papers submitted to the conference from various countries including China, France, Finland, Ecuador, Spain, Turkey, Russia, United Arab Emirates, Thailand, Indonesia, Malaysia, Germany, Romania, Kazakhstan, etc. All of the papers were subjected to peer-review by the program technical committee members and international reviewers. All the papers are presented orally online.

Various signs indicate that renewable energy has become the mainstream preferred energy solution, and environment issues have always been the hot topic all around the world for many years, on REEE 2020, our speakers have given their opinion on that, they are Prof. Mohamed Benbouzid, University of Brest, France; Prof. Carlos Felgueiras, Polytechnic Institute of Porto (IPP), Portugal as well as Prof. Muhammad Shakeel Virk, University of Tromsø, Norway. The speeches have been highly appreciated for the efforts to present the ideas and methods in a lively and accessible way. Meanwhile, I would like to express my sincere gratitude to conference chair, program technical committee members and international reviewers, who provided constructive criticism and stimulated comments and suggestions to the authors. It's a tough work to select papers from the submissions, and without their hard work the proceedings will not see the light. The proceeding is a credit to a large group of people, and everyone should be proud of the outcome.

We truly believe the participants will find the discussion fruitful, and will enjoy the opportunity for setting up future collaboration. We also hope REEE will one day become the leading conference in this specific academic area.

Yours Sincerely,

Guest Editor,
Prof. Jorge Loreda,
University of Oviedo, Spain