

Preface

The 2018 3rd International Conference on Advances in Energy and Environment Research (ICAER 2018) was on August 10-12, 2018 in Guilin, China, which aims to bring together innovative academics and industrial experts in the field of energy and environment research to a common forum. The conference was organized by I-Shou University, University of the West of England, and the Global Scientific Research Association, and co-supported by Shanghai University of Electric Power. Prof.Chih-Huang Weng from I-Shou University, Dr.Rohitha Weerasinghe, from University of the West of England and Prof./Dr. Zhimin Qiang, from Chinese Academy of Sciences are the keynote speakers.

The primary goal of the conference is to promote research and developmental activities in energy and environment research and another goal is to promote scientific information interchange between researchers, developers, engineers, students, and practitioners working all around the world. The conference will be held every year to make it an ideal platform for people to share views and experiences in energy and environment research and related areas.

The ICAER 2018 welcomed all the participants to present their research results regarding following four major areas:

- 1.Energy Engineering, Materials and Technology
- 2.Energy Equipment and Application
- 3.Environment Engineering, Environmental Safety and Detection
- 4.Environmental Protection, Pollution and Treatment

It is out great honor to have more than 257 scholars and researchers as participants in the conference and eventually 205 articles were accepted for publication. We believe that those volumes will not only provide the readers a broad overview of the latest advances but also provide the researchers a valuable summary and reference in this field. The organization of ICAER 2018 and the publication of those volumes were made possible thanks to the tireless dedication of many people. We would like to express our sincere thanks to the session organizers, session chairs, reviewers, presenters, exhibitors and congress attendees for their efforts and enthusiastic participation in this congress.

Prof.Chih-Huang Weng
The Conference chair of ICAER2018

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