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Preface

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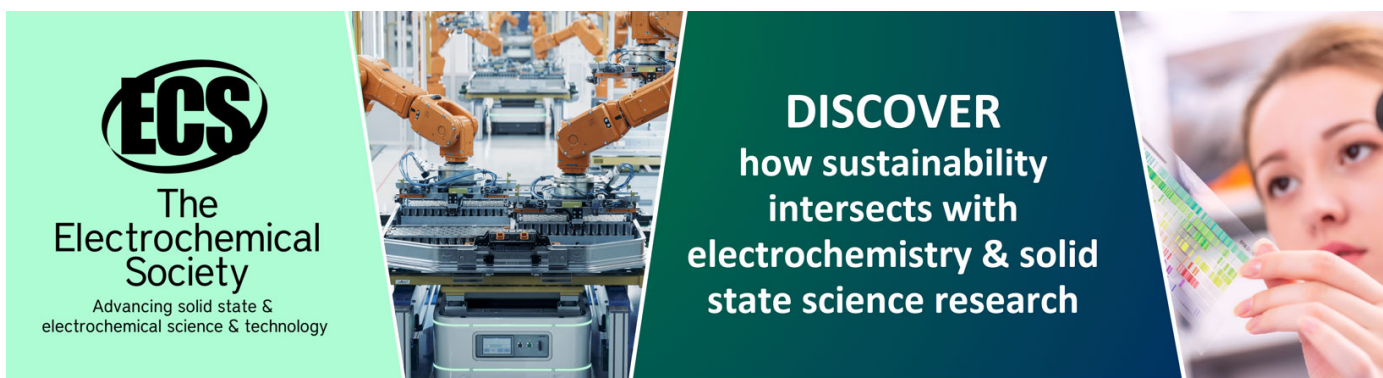
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PREFACE

2021 7th International Conference on Environment and Renewable Energy (ICERE 2021) was supposed to be held during March 26-28, 2021, Qingdao, China.

Almost all countries have travel restrictions due to COVID-19 pandemic. Now, the situation of COVID-19 pandemic is unpredictable around the world. Most of countries are still fighting the COVID-19 pandemic, so it is inadvisable to postpone the conference. Taking all conditions into consideration, conference committees made a tough decision to change physical conference into virtual format conference. Conference participants can't go to the conference venue and do oral presentations, it is feasible to have virtual format conference. We use zoom application which makes virtual format conference come true. ICERE 2021 was dedicated to issues related to Environment and Renewable Energy.

The virtual conference dates are March 26-28, 2021. The location of organizers is Building 38, No.1 Shilibao, Chaoyang District, Beijing, China. There are 60 participants have attended ICERE 2021 conference. They were from China, USA, Canada, Perú, Sri Lanka, Thailand, South Korea, Philippines, Japan, Latvia, Turkey, Saudi Arabia, Russia, Singapore, Indonesia, Czech and so on.

This conference program was highlighted by three Keynote Speakers: Prof. Yongping Li from Beijing Normal University, China with her speech title 'Synergetic Management of Energy-water Nexus under Multiple Uncertainties'; Prof. James T. Anderson from West Virginia University, USA with his speech title 'If We Build it, Will They Come? Wetland Mitigation in the Built Environment for Promotion of Wildlife Diversity'; Prof. Hee-Je Kim from Pusan National University, South Korea with his speech title 'Solar Power Generation and ESS (Energy Storage System) Applications'.

Each regular oral presenter has about 12 Minutes of Presentation and 3 Minutes of Question and Answer. Conference is organized in 8 sub-sessions under the topics of: UNDP Specialty Symposium on Energy, Water and Environment; Environmental Systems Analysis; Advances in Environmental Technologies; Renewable Energy Development; Sustainable Regional Development. Some excellent presenters won the best presentation award during the conference. They were Yuan Ma from Beijing Normal University, Beijing, China; Jarotwan Koiwanit from King Mongkut's Institute of Technology Ladkrabang, Bangkok, Thailand; Warda Luna Panondi from Hokkaido University, Sapporo, Hokkaido, Japan; Yuanli Ma from University of Nottingham Ningbo China, Ningbo, China; Gil Ganzon Cruz from Bataan Peninsula State University, Bataan, Philippines; Xuwei Ni from Tianjin University Research Institute of Architectural Design & Urban Planning, Tianjin, China; Bo Hu from Czech University of Life Sciences Prague, Prague, Czech.

All accepted papers presented at the ICERE 2021 were included in this volume, which contained four chapters with topics: (1) Renewable Energy and Energy Chemical Engineering (2) Environmental Science and Ecological Management (3) Building Energy and Environment (4) Civil and Geological Engineering. All papers are subjected to peer-review by conference committee members and international reviewers. The papers are selected based on high quality and high relevancy to the conference scope.



ICERE 2021 virtual conference provides an ideal platform for participants to share views and experiences in Environment and Renewable Energy and related areas. All participants really enjoyed the virtual conference and it was very successful. We would like to express our sincere gratitude to organizing committee and the volunteers who have dedicated their time and efforts in planning, promoting, organizing and helping the conference.

Prof. Gordon Huang
University of Regina, Canada
May. 5, 2021

Committees

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