PREFACE FROM THE EDITOR-IN-CHIEF

1st International Conference on Energetics, Civil and Agricultural Engineering is an international event that has been successfully held via virtual platform organized by the Tashkent Institute of Irrigation and Agricultural Mechanization Engineers (TIIAME), Tashkent, Uzbekistan. ICECAE is a privileged space to discuss current issues related to Energetics, Civil and Agricultural Engineering. This international event aims to explore emerging technologies and concepts in a collaborative way, bringing together scientists, researchers, engineers, students and professionals from different areas.

ICECAE 2020 proceedings collected the latest research and results in the field of energetics, civil and agricultural engineering. All manuscripts published in the proceeding have been through rigorous review and process to meet the requirements of international publication standard.

In the keynote speeches session, keynote speakers were each allocated 20-25 minutes to hold their speeches. We were honored to invite 15 distinguished experts as keynote speakers to present their insightful speeches. Professor emeritus Dr. Davidas Belsare from Bhopal University, India, made a speech about elimination of poverty in Melgat Tiger Reserve by transfer of biotechnologies, and also about bioeconomic model for sustainable development of farmers of small holding. Professor Jan Dobrowolski from AGH University of Science and Technology, Poland, made his talk about laser biotechnology for nutritional health, sustainable environment and development. Professor emeritus of biochemistry Dr. SD Belsare from Barkatullah University, India, shared her study on bactericidal effect of agnihotra homatherapy. Professor Justyna Kobylarczyk from Cracow University of Technology, Poland, held a speech on the topic of urban climatology. Professor Michal Krupa from Cracow University of Technology, Poland, delivered his speech on design issues of theatrical function objects. Professor Jose Osvaldo B. Carioca from Federal University of Ceara, Brazil, expressed his keynote address about global and regional problems analysis: droughts and the water crises. Professor Dominika Kusnierz-Krupa from Cracow University of Technology, Poland, made her talk about renovations of historic buildings – legal issues. Professor Tomasz Kozlowski from Cracow University of Technology, Poland, shared his speech on the beauty of engineering facilities. Professor Alirza Mamedov from Kyiv National University of Construction and Architecture, Ukraine, delivered his talk about digital tools in spatial planning. Professor G. Schneider-Skalska
from Cracow University of Technology, Poland, made her speech on housing environment of the XXI century. Professor Krystyna Paprzyca from Cracow University of Technology, Poland, held a speech on activating the development of small towns by offering an increase in recreational and cultural values. Associate professor Dr. Sakine Ugurlu Karaagach from Karabuk University, Turkey, delivered her talk about soil pollution caused crude oil and remediation methods. Dr. Ulrich Berk - president of the German Association of Homatherapy, Germany, made his keynote speech about agnihotra and organic farming. Associate professor Dr. Ziyodulla Yusupov from Karabuk University, Turkey, shared his speech on fault control of microgrid system: a case study of Karabuk University. Dr. Songul Kaskun from Karabuk University, Turkey, expressed her keynote speech on an overview of hydrogen production by supercritical gasification of household wastes.

To sum up, on behalf of the Conference Chairs and Co-chairs, Co-organizing Bodies and the rest of the Conference team and all TIIAME staff we owe much to our distinguished speakers, to the participants and presenters who have taken time out of their busy schedules to share their experience with us these days. Moreover, despite this global pandemic time they were with us and we appreciate their willingness to openly share their knowledge and experiences. For some of us, this has been an opportunity to virtually meet with our old friends, for others, an opportunity to make new friends who are working in similar areas. We have had a chance to listen to some of the sessions over the past three days and were very pleased with the quality of the discussions that took place. We were also grateful to the support and active participation of our partners, especially the Cracow University of Technology (Poland), and Karabuk University (Turkey).
The 1st International Conference on Energetics, Civil and Agricultural Engineering (ICECAE 2020) took place as scheduled and we proceeded with all plans to convene the meeting.

In addition, the Organizing Committee intends to strictly adhere to the recommendations of WHO. Hence, ICECAE 2020 Organizing Committee was fully responsible for everything related to the organization of this international event and assured to maintain a safe and healthy environment, as well as favorable working conditions. Thereby, due to ongoing global pandemic situation with the COVID-19, ICECAE 2020 was held Online via Virtual Platform - "Zoom" on October 14-16, 2020. 15 invited Keynote Speakers (from India, Poland, Brazil, Ukraine, Turkey, and Germany) and more than 50 foreign participant (from Poland, Singapore, Malaysia, Turkey, Nigeria, Croatia, Iraq, Peru, Cyprus, Russia, Kazakhstan, India, Afghanistan, Bangladesh, and Pakistan) attended ICECAE 2020 international conference. All keynote and oral sessions along with discussions and other activities have been offered in online service. Each expert had 20 minutes for keynote addresses while each author only had 15 minutes for oral presentation including questions and answers (Q&A).

Besides, we express our sincere gratitude to our International Peer-Review team who allocated a big amount of their time to review the submitted papers – their contribution is undoubtedly invaluable. We have to mention that we applied a three-stage peer-review process that includes: initial screening, peer-review, and post-review phases. Many thank to you our authors for your understanding and patience throughout this whole in-deep process.

Moreover, despite this global pandemic time which has touched the lives of millions of people around the world, we are in particular grateful to our international speakers and authors for their considerable contribution to the success of the conference. Undoubtedly, we can firmly emphasize that without your contribution, this conference would not have happened on such scale and level.