



PROF. DR. MURAT KUNELBAYEV

AL-FARABI KAZAKH NATIONAL UNIVERSITY

&

INSTITUTE OF INFORMATION AND COMPUTING  
TECHNOLOGIES OF THE MINISTRY OF EDUCATION  
AND SCIENCE OF THE REPUBLIC OF KAZAKHSTAN

SENIOR LECTURE, PHD & SENIOR RESEARCHER, PHD

## Experience

2006-2008- Lecturer at the Kazakh National Agrarian University

2008-2018- Senior Teacher of Physics at Kazakh Women's Teacher Training University

2018- Senior Lecture, PhD, Al-Farabi Kazakh National University

Senior Researcher, PhD Institute of Information and Computing Technologies of the Ministry of Education and Science of the Republic of Kazakhstan

## Scientific Works

### SCIENTIFIC ACHIEVEMENTS

- In 2020, co-author of Book «Double Circulation Solar Thermal Installation with Thermosiphon Circulation»,  
Publisher: Innovationinfo eBooks. UK. Heathrow Stockley Park, Heathrow UB11BD, UK ISBN: 978-1-63278- 898-6.  
<https://www.innovationinfobooks.com/ebookdetails/double-circulation-solar-thermal-installation-with-thermosiphon-circulation>
- In 2020, co-author of Book Chapter « Thermodynamics and Energy Engineering». Intechopen. UK. London. ISBN: 978-1- 83880-569-2.  
<https://www.intechopen.com/books/thermodynamics-and-energy-engineering>
- In 2020, co-author of Book Chapter « Renewable Energy: Resources, Challenges and Applications»  
<https://www.intechopen.com/books/8871>
- In 2022, co-author of Book Chapter  
<https://www.routledge.com/Artificial-Intelligence-and-Smart-Agriculture-Applications/Kose-Prasath-Mondal-Podder-Bharati/p/book/9781032223575#>

- In 2022, co-author of Book Chapter  
<https://link.springer.com/book/10.1007/978-3-030-96429-0>
- In 2022, co-author of Book Chapter  
<https://link.springer.com/book/10.1007/978-3-031-07381-6>

#### SCIENTIFIC - RESEARCH WORKS

From 2018 executive in charge of R & D grant financing of Ministry of Education and Science Republic of Kazakhstan on the theme « Mathematical and computer models, software and hardware tools and experimental development for the creation of a network of combined efficient two-circuit solar collectors with thermosiphon circulation and monitoring of their operation » 6. From 2021 executive in charge of R & D grant financing of Ministry of Education and Science Republic of Kazakhstan on the theme «Development of a system of distributed fiber-optic sensors based on Bragg fiber arrays for monitoring the condition of building structures»

- I am consist editorial team EDITOR in the Journal of Energy Systems.  
[www.dergipark.gov.tr/jes](http://www.dergipark.gov.tr/jes)
- I am consist editorial team EDITOR in the Cogent Engineering.  
<https://www.cogentoa.com/journal/engineering>
- I am consist editorial team PUBLONS. Web of Science  
<https://publons.com/about/home/>
- I am consisting international organizing committee European Conference on Renewable Energy Systems ECRES  
<https://www.ecres.net/>
- I am consist editorial team Reviewer in the Comutres@Electrical Engineering, Elsevier
- World Champion is conferred as Fellow, Directorate of Physics, International Agency for Standards and Ratings.  
<https://www.sites.google.com>
- I am consisting international organizing committee 2020 The 3rd International Conference on Sustainable Development of Water and Environment. <https://www.icsdwe.org>
- I am consisting Bentham Open Ambassador for Kazakhstan. UAE.  
[www.benthamopenambassadors.com](http://www.benthamopenambassadors.com)
- I am IEEE Member
- I am consist editorial team Editor Frontiers in Energy Research, Frontiers Media SA, Switzerland  
<https://loop.frontiersin.org/people/1452334/overview>

### Publications

Author of over 100 scientific publications and papers, including 10 foreign publications in the Czech Republic, Bulgaria, Poland, China, Ukraine, Russia, USA, England, Turkey, the United Arab Emirates participated in the international scientific and technical conferences. Including publications in international database Scopus, Web of Science

### Computer skills

MS Windows, MS Office, Pascal, Delphi, C ++, AutoCAD, MathCAD, MathLAB others. Specialized programs.

### Language skills

Kazakh (Native), Russian (fluent), English (spoken and written)

### Personal qualities

Discipline, communication, responsibility, absence of bad habits, punctuality, honesty.