



www.dergipark.gov.tr/jes

JOURNAL OF ENERGY SYSTEMS

an international
open access
peer - reviewed
journal

Year: 2019
Volume: 3
Issue: 2

e-ISSN: 2602-2052

The Journal of Energy Systems (JES) aims to publish high quality research and review papers on energy systems design and implementation. The submitted materials must fulfill the conditions of being innovative, sustainable and practical information to make an impact on the society of energy engineering.

First published in 2017

2019, Volume 3, Issue 2 Content

[Design and fabrication of a new micro-power scaled electromagnetic harvester](#) / Pages: 51-66

Busra Mutlu, Erol Kurt, Nicu Bizon, Jose Manuel Lopez Guede

[Sizing and dynamic modelling and simulation of a standalone PV based DC microgrid with battery storage system for a remote community in Nigeria](#) / Pages: 67-85

Cherechi Ndukwe, Tariq Iqbal

[Photovoltaic-Thermal solar energy system design for dairy industry](#) / Pages: 86-95

Gülşah Karaca, Ekin Can Dolgun, Meltem Koşan, Mustafa Aktaş

Editor in Chief

Prof. Dr. Erol Kurt

Editor

Prof. Dr. Mehmet Tekerek

Executive Editor

Assoc. Prof. Dr. Yunus Uzun

Field Editors

Energy Informatics

[Prof. Dr. Mehmet Tekerek](#), Kahramanmaraş Sütçüimam University, Turkey

Energy Issues in Computer Science

[Dr. Ahmet Artu Yıldırım](#), CyberGIS Center for Advanced Digital and Spatial Studies, USA

[Dr. Adem Tekerek](#), Gazi University, Turkey

Energy Issues in Electrical and Electronics Engineering

[Prof. Dr. Nicu Bizon](#), Pitesti University, Romania

[Prof. Dr. Ahmet Serdar Yılmaz](#), Kahramanmaraş Sütçüimam University, Turkey

Energy Issues in Mechanical Engineering

[Prof. Dr. Alessandro Zanarini](#), University of Bologna, Italy

[Prof. Dr. Mustafa Aktaş](#), Gazi University, Turkey

Energy Issues in Nuclear Engineering

[Assoc.Prof.Dr. Aybaba Hançerlioğulları](#), Kastamonu University, Turkey

Energy Issues in Mechatronics Engineering

[Assoc. Prof. Dr. Jose Manuel Lopez Guede](#), University of Basque Country, Spain

Energy Issues in Material Engineering

[Dr. Shadia Ikhmayies](#), Al-Isra University, Jordan

[Prof. Dr. Bernabé Marí Soucase](#), Valencia Polytechnic University, Spain

Energy Issues in Chemistry

[Assoc. Prof. Dr. Ferda Haciveliöğlü](#), Gebze Technical University, Turkey

Biomass & Biodiesel

[Assoc.Prof.Dr. Çiğdem Yangın Gömeç](#), Istanbul Technical University, Turkey

Nano-materials & characterization

[Prof. Dr. H. Hilal Kurt](#), Gazi University, Turkey

Editorial Board Members

Dr. Haitham Abu-Rub, Texas A&M University at Qatar, Qatar
Dr. Selim Acar, Gazi University, Turkey
Dr. Adem Acir, Gazi University, Turkey
Dr. Burak Akin, Yıldız Technical University, Turkey
Dr. Mustafa Aktaş, Gazi University, Turkey
Dr. WailN. Al-Rifaie , Philadelphia University, Jordan
Dr. Necmi Altın, Gazi University, Turkey
Dr. Nam Choon Baek , Korea Institute of Energy Research, S. Korea
Dr. Saed Badshah, International Islamic University, Pakistan
Dr. Güngör Bal, Gazi University, Turkey
Dr. Sertac Bayhan, Texas A&M University at Qatar, Qatar
Dr. Ramazan Bayındır, Gazi University, Turkey
Dr. Robert Beloiu, Pitesti university, Romania
Dr. Alessio Bosio, Università di Parma, Italy
Dr. Zhibin Chen, Institute of Nuclear Energy Safety Technology, China
Dr. Rachid Chenni , University Mentouri of Constantine, Algeria
Dr. Ayman Hassan El-Hag, American University of Sharjah, UAE
Dr. Çiğdem Yangın Gömeç, Istanbul Technical University, Turkey
Dr. JoseManuel Lopez Guede, Basque Country University, Spain
Dr. Eleonora Guseinoviene, Klaipeda University, Lithuania
Dr. Loreto V. Gutierrez, CIEMAT Solar Platform of Almeria, Spain
Dr. Mohammad Nurul Alam Hawlader , International Islamic University, Malaysia
Dr. Jose A. Ramos Hernanz, Basque Country University, Spain
Dr. Arif Hepbaşlı, Yaşar University, Turkey
Dr. Qunying Huang, Institute of Nuclear Energy Safety Technology, China ,
Dr. Saqib Javed, Chalmers University of Technology, Sweden
Dr. Birol Kılıç, Başkent University, Turkey
Dr. Murat Kunelbayev, Women's Teacher Training University, Kazakhstan
Dr. Sing Lee , Institute for Plasma Focus Studies, Australia
Dr. TaeHee Lee , Hanyang University, S. Korea
Dr. MarioE. Magana , Oregon state University, USA
Dr. Corneliu Marinescu , Transilvania University of Brasov, Romania
Dr. Mordjaoui Mourad, University of 20 Aout 1955, Algeria
Dr. Munir H. Nayfeh, University of Illinois Urbana-Champ., USA
Dr. Guido Van Oost , University of Gent, Belgium
Dr. Zdzisław Pólkowski, Uczelnia Jana Wyzykowskiego, Poland
Dr. Saffa Rifat, University of Nottingham, UK
Dr. Carlos Rubio-Maya, Univ. Michoacana de San Nicolás de Hidalgo, Mexico
Dr. Antans Sauhats, Riga Technical University, Latvia
Dr. İbrahim Sefa, Gazi University, Turkey
Dr. Raşit Turan, Middle East Technical Uni., Turkey
Dr. Yunus Uzun, Aksaray University, Turkey
Dr. Geert Verdoolaege, Gent University, Belgium
Dr. Diana Zalostiba, Riga Technical University, Latvia
Dr. Eduardo Zarza, CIEMAT Solar Platform of Almeria , Spain
Dr. Ahmed F. Zobia , Brunel Univeristy, UK

Reviewers of the Issue

Dr. Ahmet Serdar Yılmaz	Dr. Robert Beloiu
Dr. Ana Boyano	Dr. Seyfettin Vadi
Dr. Aybaba Hancerlioglu	Dr. Yahia Bouzelata
Dr. Mehmet Demirtaş	

Indexes

EBSCO Academic Search Ultimate

Journal of Energy Systems (JES); is the official journal of; Electrical and Computer Engineering Research Group (ECERG) and European Conference on Renewable Energy Systems (ECRES)

