

INTERNATIONAL JOURNAL OF ENERGY APPLICATIONS AND TECHNOLOGIES
(IJEAT)

International Journal of Energy Applications and Technologies is aimed at presented a chance to students, researchers, research scholars, teachers, authors and other professionals in the field of research in energy technologies subjects, to publish their original and current research worldwide, international community. It publishes original articles, review articles, case studies, book reviews, short communications, and hypotheses on the fundamentals, applications, and management of energy technologies. In the process of blind peer reviewed various international experts, world renowned scientists were engaged in the past.

IJEAT has been published since 2014. The authors have transferred the publishing rights of all articles published in the journal to IJEAT. Publication of these articles in other publications is strictly prohibited.

Printed in TURKEY-eISSN 2548-060X

IJEAT- EDITORIAL BOARD**CHIEF EDITOR****Assist. Prof. Dr. İlker Örs**Aksaray University & Vocational
School of Technical Sciences
68100 Aksaray, Turkey**MANAGING EDITOR****Assoc. Prof. Dr. Murat Ciniviz**Selcuk University & Technology Faculty
42075 Konya, Turkey**ASSISTANT EDITORS****Assist. Prof. Dr. Tanzer Eryılmaz**Bozok University & Engineering and
Architecture Faculty
Yozgat, Turkey**EDITORIAL BOARD****Prof. Dr. Belkacem Adouane**University of Batna & Physics Faculty
of Science
05000 Batna, Algeria**Prof. Dr. Hidayet Oğuz**Necmettin Erbakan University & Faculty
of Engineering and Architecture
42140 Konya, Turkey**Prof. Dr. Sefa Tarhan**Gaziosmanpaşa University & Faculty of
Natural Sciences and Engineering
60150 Tokat, Turkey**Assoc. Prof. Dr. Hüseyin Deveci**Selcuk University & Faculty of
Engineering
42075 Konya, Turkey**Assist. Prof. Dr. Riyadh S. Al-Turaihi**University of Babylon & College of
Engineering
Hillah, Iraq**Assist. Prof. Dr. Şükran Efe**Bayburt University & Faculty of
Engineering
69000 Bayburt, Turkey**Assist. Prof. Dr. Tanzer Eryılmaz**Bozok University & Engineering and
Architecture Faculty
Yozgat, Turkey**Assist. Prof. Dr. Rahim Hassanzadeh**Urmia University of Technology & Mechanical
Engineering Department
Band, Iran**Assist. Prof. Dr. Bülent Yanıktepe**Osmaniye Korkut Ata University & Natural
Sciences, Architecture and Engineering Faculty
80000 Osmaniye, Turkey**Prof. Dr. Ünal Akdağ**Aksaray University & Faculty of
Engineering
68100 Aksaray, Turkey**Prof. Dr. M. Teresa Parra-Santos**University of Valladolid & Department of
Energy and Fluid Mechanics
Valladolid, Spain**Assoc. Prof. Dr. Mevlüt Arslan**Bozok University & Engineering and
Architecture Faculty
Yozgat, Turkey**Assist. Prof. Dr. Abdulaziz E. Atabani**Erciyes University & Faculty of
Engineering
38039 Kayseri, Turkey**Assist. Prof. Dr. M. Kemal Balki**Sinop University & Faculty of Engineering
and Architecture
57000 Sinop, Turkey**Asst. Prof. Hazir Farouk A. Elhaj**Sudan University of Science and Technology /
11111 Khartoum, Sudan
World Bioenergy Association / Sweden**Assist. Prof. Dr. Coşkun Fırat**Istanbul Technical University & Energy
Institute
34469 Istanbul, Turkey**Assist. Prof. Dr. Selmin Ener Ruşen**Karamanoglu Mehmeybey University &
Faculty of Engineering
70200 Karaman, Turkey**LAYOUT EDITORS**

Assoc. Prof. Dr. Murat Ciniviz

Assist. Prof. Dr. İlker Örs

REVIEWERS OF ISSUE

Assist. Prof. Dr. Rahim Hassanzadeh
Urmia University of Technology & Mechanical
Engineering Department
Band, Iran

Assist. Prof. Dr. Cemal Çarboğa
Nevşehir Hacı Bektaş Veli University & Faculty
of Engineering and Architecture
50300 Nevşehir, Turkey

Assist. Prof. Dr. Bülent Yanıktepe
Osmaniye Korkut Ata University & Natural Sciences,
Architecture and Engineering Faculty
80000 Osmaniye, Turkey

Prof. Dr. Ari Handono Ramelan
Sebelas Maret University & Faculty of Mathematics
and Natural Sciences
57126 Kentingan Surakarta, Indonesia

Publishing date: April 10, 2017

© International Journal of Energy Applications and Technologies
Published by Editorial Board Members of IJEAT

This journal is distributed by Turk Journal Park System under the CC 4.0 terms and conditions.

JOURNAL CONTACT

International Journal of Energy Applications and Technologies
editor.ijeat@gmail.com

EDITOR

Assist. Prof. Dr. İlker Örs
ilkerors@hotmail.com