

# **INTERNATIONAL JOURNAL OF ENERGY AND ENVIRONMENT**

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## Aims and Scope

The International Journal of Energy and Environment (IJEE) is the official journal of the International Energy and Environment Foundation (IEEF). The journal is a multi-disciplinary, peer-reviewed open access journal, covering all areas of energy and environment related fields that apply to the science and engineering communities. The journal enjoys the full support of the IEEF, who provide funds to cover all costs of publication, including the Article Processing Charges for all authors. Therefore the journal is both free to read and free to publish in for everyone. IJEE aims to promote rapid communication and dialogue among researchers, scientists, and engineers working in the areas of energy and environment. The journal provides a focus for activities concerning the development, assessment and management of energy and environment related programs. The emphasis is placed on original research, both analytical and experimental, which is of permanent interest to engineers and scientists, covering all aspects of energy and environment. It is hoped that this journal will prove to be an important factor in raising the standards of discussion, analyses, and evaluations relating to energy and environment programs. All manuscripts with significant research results in the areas of energy and environment and their application are welcome. *The scope of the journal encompasses the following:*

### Energy

- Fuel cells and their applications.
- Hydrogen energy.
- Photovoltaic technology conversion.
- Solar thermal applications.
- Wind energy.
- Hydro energy.
- Biomass and bioenergy.
- Wave and tide energy.
- Geothermal energy.
- Fuel flexibility and alternatives.
- Micro- and nano-energy systems and technologies.
- Hybrid / integrated energy systems.
- Energy conversion, conservation and management.
- Energy efficient buildings.
- Energy generation and energy storage.
- Energy modelling and prediction.
- Energy and sustainable development.
- Energy efficiency and sustainability inherent in heritage places.
- Fluid mechanics and thermodynamics, including CFD, heat transfer and combustion.

### Environment

- Energy and environmental impact.
- Thermal, acoustic, visual, air quality building science and human impacts.
- Eco-design of energy-related products.
- Green electric and electronics.
- Solutions for mitigating environmental impacts and achieving low carbon, sustainable built environments.
- Technologies and integrated systems for high performance buildings and cities.
- Tools for the design and decision-making community, including tested computational, economic, educational and policy tools.
- Environment and sustainable development.
- Quality assurance / control.
- Emissions reduction.
- Waste management.
- Evaluation & management of environmental risk and safety.
- Advanced visualization techniques, virtual environments and prototyping.

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# INTERNATIONAL JOURNAL OF ENERGY AND ENVIRONMENT

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*Department of Mechanical Engineering, Institute of  
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**Rayan Slim**

*Center for Energy and Processes, Ecole des Mines  
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*Department of Environmental and Chemical  
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*Electrical and Computer Engineering, Mississippi  
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*School of Mechanical Engineering, Department of  
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*School of Sustainable Development of Society and  
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**G. N. Tiwari**

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*Department of Mineral Resources Engineering, Technical University of Crete, University Campus, Hania 73100, Crete, Greece.*

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*Centre for Rural Development and Technology, Indian Institute of Technology Delhi, Hauz Khas, New Delhi 110016, India.*

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*Department of Building Services Engineering, The Hong Kong Polytechnic University, Hong Kong.*

**Yi-Ming Wei**

*Center for Energy and Environmental Policy Research (CEEP), Beijing Institute of Technology, No.5 South Zhongguancun Street, Haidian District, Beijing 100081, P.R.China.*

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*Laboratory for Advanced Materials, Science and Technology (LAMSAT), Department of Physics, University of South Florida, 4202 E. Fowler Ave., Tampa, FL 33620, USA.*

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*Chang Gung University, 259 Wen Hua 1st Road, Kweisan, Taoyuan 333, Taiwan.*



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## **Announcements - IEEF Release**

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*Editors: Maher A.R. Sadiq Al-Baghdadi and Hashim R. Abdol Hamid (ISBN 13: 978-1-46623-065-1)*

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