



ASET 2023

February 20-23

ADVANCES IN SCIENCE & ENGINEERING TECHNOLOGY

HCT - Dubai Men's Campus



The International Conference on RENEWABLE AND SUSTAINABLE ENERGY

CALL FOR PAPERS

Dear Colleagues,

The Renewable and Sustainable Energy Conference (RSEIC) is a sub-conference of the Advances in Science and Engineering Technology (ASET) conference, organized by the Higher Colleges of Technology in the UAE. The aim of RSEIC is to bring together researchers, engineers, manufacturers, practitioners and customers from all over the world to share and discuss advances and developments in renewable and sustainable energy research and applications.

The RSEC will promote and disseminate knowledge concerning several topics and technologies related to renewable energy systems and sources. This conference aims to present significant findings to the international community of renewable energy fields in the form of research, development, applications, design and technology. It is therefore aimed at assisting researchers, scientists, manufacturers, companies, communities, agencies, associations and societies to keep abreast on new advances and developments in their fields and to unite in seeking practical alternative energy solutions to current issues such as the greenhouse effect, sustainable and clean energy issues.

Please use the URL <https://edas.info/newPaper.php?c=30001> to submit your paper using EDAS. You may will need to register to EDAS.

The scope of the conference includes, but is not limited to, the following major topics as they relate to the renewable and sustainable energy:

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| <ul style="list-style-type: none"> ▶ Renewable Energy Systems and Sources as Photovoltaics, Solar Energy, Wind Energy, Biomass, Biofuel, Geothermal Energy, Wave Energy, Tidal Energy, Hydrogen Energy, Fuel Cells Energy, Energy Storage. ▶ Solar Thermal Applications, Biomass Utilization & Conversion, Innovative Bioclimatic Architecture, Geothermal Energy & Ground-Source Heat Pump, Energy Network & Power Electronics, Energy Conservation & Heat Pump, Small Hydro & Non-Conventional Energy. ▶ Hybrid Renewable Energy Systems. ▶ Energy Savings and Efficiency for Electrical machinery and their Control. ▶ Energy Savings through Modern Lighting Techniques and Devices. ▶ Performance Analysis of Renewable Energy Systems. ▶ Modeling and Simulation of Renewable Energy Systems and Sources. ▶ Advances in Renewable Energy | <ul style="list-style-type: none"> Engineering Systems. ▶ Renewable Energy Systems in Smart Cities. ▶ Renewable Energy Systems in Smart grids. ▶ Reliability, Safety, Security, and Maintenance of Renewable Energy Systems. ▶ Wasted Energy Recovery. ▶ Resource Assessment and Monitoring ▶ Demand Management. ▶ Global Warming and Environmental Issues. ▶ Latest trends and Technologies. ▶ Policies, Regulations, and Strategies. ▶ Public Awareness for Renewable Energy and Systems. ▶ Economic and Social Impact. ▶ Future Challenges for Renewable Energy Systems. |
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On behalf of the organizing committee, we would like to invite you to submit articles to RSEC. Proposals for special sessions, workshops, tutorials, etc. are most welcome.