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DESCRIPTION

The mission of Renewable and Sustainable Energy Reviews is to communicate the most interesting and relevant critical thinking in renewable and sustainable energy in order to bring together the research community, the private sector and policy and decision makers. The aim of the journal is to share problems, solutions, novel ideas and technologies to support the transition to a low carbon future and achieve our global emissions targets as established by the United Nations Framework Convention on Climate Change.

Renewable and Sustainable Energy Reviews publishes review papers, original research, case studies and new technology analyses that have a significant review element, which may take the form of a critique, comparison, or analysis. The journal also publishes a new paper type, Expert Insights, which are commissioned mini-reviews from field leaders on topics of significant interest. Case studies will only be considered if they also demonstrate the applicability of the work to other regions and/or inform the broader field of renewable and sustainable energy. A bibliographic or literature review, without critical thinking is not considered suitable.

The journal considers articles on the following themes, provided the link to renewable and sustainable energy is clear and thoroughly examined:

Energy resources - bioresources (e.g. biomass, waste), fossil fuels (including natural gas), geothermal, hydrogen, hydropower, nuclear, marine and ocean energy, solar and wind

Applications - buildings, industry and transport

Utilization - batteries, conversion technologies, fuel cells, storage technologies, technical developments and technology scaling

Environment - atmosphere, climate issues, meteorology, mitigation technologies (e.g. carbon capture and storage (CCS), carbon capture and utilization (CCU), solar radiation management)

Techno-socio-economic aspects - health, industry, policy, political, regulatory, social (e.g. access, education, equality, equity)

Systems - carbon accounting, energy-food-water nexus, energy modelling, life cycle assessment (LCA), nutrient-energy-water (NEW) nexus, smart infrastructure
Sustainability - the United Nations Sustainability Development Goals (SDGs)

AUDIENCE

Scientists, researchers and consultants involved in all aspects of renewable energy.

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Stochastic Optimisation in Energy Systems
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Li He, Tianjin University, Tianjin, China

Wind
Robert W. Thresher, National Renewable Energy Laboratory, Golden, Colorado, United States

Wind Energy and Energy Forecasting
Jethro Browell, University of Strathclyde, Glasgow, Scotland, United Kingdom

"Carbon materials, and catalysts
Michela Alfe, Institute for Research on Combustion (IRC), Napoli, Italy
GUIDE FOR AUTHORS

INTRODUCTION
The mission of Renewable and Sustainable Energy Reviews is to communicate the most interesting and relevant critical thinking in renewable and sustainable energy in order to bring together the research community, the private sector and policy and decision makers. The aim of the journal is to share problems, solutions, novel ideas and technologies to support the transition to a low carbon future and achieve our global emissions targets as established by the United Nations Framework Convention on Climate Change.

The journal considers articles on the following themes, provided the link to renewable and sustainable energy is clear and thoroughly examined: Applications - buildings, industry and transport Energy resources - bioresources (e.g. biomass, waste), fossil fuels (including natural gas), geothermal, hydrogen, hydropower, nuclear, marine and ocean energy, materials, solar and wind Environment - atmosphere, climate issues, meteorology, mitigation technologies (e.g. carbon capture and storage (CCS), carbon capture and utilization (CCU), solar radiation management) Education - informing society including policy makers and decision-makers and teaching undergraduates and postgraduates on matters relating to renewable and sustainable energy Systems - carbon accounting, energy-food-water nexus, energy modelling, life cycle assessment (LCA), nutrient-energy-water (NEW) nexus, smart infrastructure including smart cities Sustainability - the United Nations Sustainability Development Goals (SDGs) Techno-socio-economic aspects - health, industry, markets, policy, political, regulatory, social (e.g. access, education, equality, equity) Utilization - batteries, conversion technologies, fuel cells, storage

Types of Paper
Renewable and Sustainable Energy Reviews publishes 'Addendum,' 'Editorials,' 'Full-length articles' (i.e. complete report on original research), 'Retractions/Corrigendum' and 'Review articles.' The journal also publishes two specific article types, 'Expert Insights', a mini-review and 'Cutting Edge', a concise research article. These articles are by invitation only from the Editor in Chief to field leaders on topics of significant interest. Special issue articles are also by invitation only and authors of papers submitted to a Special Issue must state clearly in their cover letter the article type (i.e. either a 'Review article' or 'Full-length article'). Case studies and new technology analyses must have a significant review element, which may take the form of a critique, comparison, or analysis. Case studies will only be considered if they also demonstrate the applicability of the work to other regions and/or inform the broader field of renewable and sustainable energy. A case study will be classified as a 'Full-length article'. A bibliographic or literature review, without critical thinking is not considered suitable. If an author selects an incorrect article type, their paper can be rejected by the journal at any stage of consideration for publication.

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