

Special Issue

Towards Sustainability: Energy and Carbon Efficiency

Message from the Guest Editor

Energy and carbon efficiency has played a vital role in cutting greenhouse gas (GHG) emissions and saving social costs. We are standing in the middle of the climate crisis, and it is evident that there is no sustainable future if we do not resolve it. The energy sector is responsible for more than 70% of global GHG emissions. Energy and carbon efficiency improvements are thus not a matter of choice: their realization is our duty.

We welcome papers on:

Energy efficiency/carbon efficiency for sustainable economic growth;

Assessing national energy efficiency/carbon efficiency;

The role of energy and carbon efficiency for the Sustainable Development Goals;

Energy and carbon efficiency in the transport sector;

Policies for energy and carbon efficiency improvements;

Embodied carbon emissions, life-cycle carbon emissions;

Energy and carbon efficiency in energy transitions;

Decision-making issues in energy and carbon efficiency investments;

Costs and benefits of energy and carbon efficiency improvements;

Behavioral economics of carbon and energy efficiency, including rebound effects.

Guest Editor

Prof. Dr. Jinsoo Kim

Department of Earth Resources and Environmental Engineering,
Hanyang University, Seoul 04763, Korea

Deadline for manuscript submissions

closed (30 June 2022)



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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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About the Journal

Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,
Columbus, OH 43210, USA

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