

Special Issue

The Nexus Between Environment, Economy, Policy and Sustainable Development –a Needed Global Systems Optimization to Stay Below 1.5 Degrees

Message from the Guest Editor

As global temperatures rise, there is an ever increasing need for alignment between sectors in order to achieve GHG reductions on a global scale. We invite papers that achieve the following:

- The quantification of the environmental impacts of proposed regional policies with LCA or the like, with special attention to GHG emissions shifting between sectors and burden shifting of environmental impacts.
- The examination of the interplay between food and energy systems in a quantitative way with special attention to biomass-based energy and the land system.
- The examination of the environmental and social impacts of current and future economic strategies to reach decarbonization or broader sustainability goals, such as incentives, taxes and the like, with LCA or similar.
- The assessment of the environmental impacts of future transportation or energy systems by integrating LCA and shared socio-economic pathways.
- The proposal of actionable recommendations to policymakers and stakeholders in the transportation sector for solving energy-related issues with consideration for cross-sectoral interactions and competition for resources.

Guest Editor

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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

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