Special Issue

Carbon Footprints and Sustainability of Biofuels

Message from the Guest Editor

With two-thirds of the world aiming to achieve carbon neutrality by the mid-century, it would be hard to find a more relevant topic for a Special Issue. We also aim to discover the answer to a question with more scientific complication; what is carbon neutrality, anyway? 1) Carbon footprints are a key criterium used by governments to regulate fuel markets. Transport fuels are well-covered in the developed world, heating fuels increasingly so, and the developing world is following suit. Footprints-often called carbon intensities-are meant to be 'science-based', but are they? Where is there consensus, where is there not, why, and can there ever be full consensus? Which fuels and which processes are more interesting and why? Is there a future for fossil fuels? 2) The aim of this Special Issue is to examine the footprints of biofuels, either stood alone or in contrast to those applied to fossil fuels or renewables of a non-biological origin. 3) Some of the possible topics of the SI include:

- A review of applications or a single application;
- Impacts of footprints on markets and on GHG emissions:
- Methods of estimation/calculation;
- Case studies.

Guest Editor

Dr. Eric Johnson

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Deadline for manuscript submissions

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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

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