

Special Issue

Sustainable Materials and Processes for Organic Electronics

Message from the Guest Editors

Organic semiconductors represent an intriguing alternative to their inorganic counterparts since they are cheaper, lighter, and more flexible. They provide an elegant approach to avoid further depleting our planet from its nonrenewable resources and exhibit a great potential for low carbon footprint manufacturing as a result of the lower energy consumption involved in their processing into thin films.

However, their conventional synthetic approaches and processing techniques usually involve the use of toxic or hazardous chemicals and solvents, which limit their potential sustainability by far.

This Special Issue will collect contributions that propose solutions to the aforementioned negative environmental impact of organic electronics manufacturing through greener or more sustainable approaches encompassing all the phases of the organic electronic devices design and fabrication. The Special Issue will strongly promote a circular vision of organic electronics manufacturing through lifecycle or environmental impact assessments, as well as innovative methods for waste valorization during organic electronics manufacturing or decommissioning.

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2022)



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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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