

Special Issue

Green and Sustainable Textile Materials

Message from the Guest Editors

The entire textile-production process, from the production of fiber through to the finished garment, poses a significant threat to the environment. The production of sustainable textiles not only helps to lessen the textile industry's harmful impacts on the environment, but it also enables millions of people to receive fair pay and ensures that they are provided with appropriate working conditions. In general, the textile industry creates significant climate changes (SDG 13), water pollution (SDGs 14 and 6), and land pollution (SDG 15) during production, from fiber production to finished garments. This Special Issue focuses on the significance of using green and sustainable textile materials in all stages of the manufacturing process, from fiber to garment. In this SI, we are paying special attention to green and sustainable textiles and fashion, throughout all five stages of the product life cycle (i.e., material, manufacturing, retail, consumption, and disposal). Additional focus is being placed on social responsibility, environmentally responsible management of supply chains, and environmentally conscious product design in the textile and apparel industries.

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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.

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