

Special Issue

Application of Nanofibres in Sustainable Fashion and Textiles

Message from the Guest Editors

The nanofibres played an important role in the development of textile and clothing materials for a range of applications, continuing to play an important role in our daily lives, be in the form of face masks, filters, sensors, wound dressings, among others. It is well known that the textile and clothing industry is one of the major sources of global pollution in terms of use of resources and materials. Therefore, over the last few years, focus has been directed towards the development of sustainable materials, including fabrication of nanofibers from sustainable sources and their applications in several areas.

This Special Issue, titled “Application of Nanofibres in Sustainable Fashion and Textiles”, seeks high-quality works focusing on the latest developments in nanofibers for sustainable fashion and textile applications. Topics include, but are not limited to: Fabrication and characterization techniques for sustainable nanofibers; Applications in different areas of fashion and textiles, such as apparel, filtration, waste water treatment, packaging, etc.; Sustainable benefits of nanofibers; Hazards and challenges associated with sustainable nanofibers.

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