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Fibrous Materials (Textiles) for Functional Applications

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Deadline for manuscript submissions:

closed (15 November 2021)

Message from the Guest Editors

We are pleased to announce a Special Issue titled "Fibrous Materials (Textiles) for Functional Applications" in Textiles, an open access MDPI journal. Fibrous/textile materials constitute an inseparable component of our day-to-day life. Their importance ranges from baby diapers to life-saving protective textiles in military and space applications. The geometrical flexibility and physical-chemical diversity of functional fibrous materials makes them a preferred substitute over metals, ceramics, and other forms of polymers. Fiber-based functional textiles are widely used in technical applications. e.g., acoustic textiles, electronic textiles, fiber-reinforced structural composites, geotechnical textiles, healthcare and medical textiles, nanoenabled textiles, protective textiles, smart clothing, sports textiles, thermos-regulating textiles, and so on.

The Special Issue is aimed at young researchers working on fiber-based functional materials in any concurrent application area. The exposure of young scientists to open access articles in the selected area will provide new insights for future research and innovation.

