



Textile Materials: Structure–Property Relationship

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

I am pleased to announce a Special Issue, titled “Textile Materials: Structure–Property Relationships”, of *Textiles*, an open access MDPI journal. The development of textiles is the result of long manufacturing and wet-processing stages. The manufacturing stages involve fiber, yarn, fabric, and garment manufacturing, while the wet processes are dyeing, printing, and finishing. Each of these manufacturing or wet-processing stages has numerous factors which manipulate the structures of textiles that eventually impact the properties and performances of the resulting textile materials. Based on the applications of textile materials, the science and engineering of different structures to vary properties are employed in the polymer processing of fibers. Additionally, how and why different textile structures (fiber, yarn, fabric, and apparel) are assembled to shape the final materials along with special finishes determine the properties of textiles.

