

## Special Issue

# Textile Materials: Structure–Property Relationship

### Message from the Guest Editor

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.

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### Guest Editor

Dr. S M Fijul Kabir

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### Deadline for manuscript submissions

closed (30 November 2023)



## Textiles

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## About the Journal

### Message from the Editor-in-Chief

*Textiles* (ISSN 2673-7248) is an open access, peer-reviewed scientific journal that publishes research papers, review articles and communications on all perspectives regarding textiles, including science, engineering, design, and business. Our mission is to serve as the premier platform for high-impact research that transforms textile materials and the textile industry for the future. Whether you are developing conductive yarns for smart health monitoring, engineering nonwovens for advanced filtration, or pioneering closed-loop recycling systems for synthetic blends, consider this journal your home.

We invite you to submit your original work spanning all textile-related fields, especially those that explore new functionalities and applications of fiber-based materials and systems, push the boundaries of our knowledge about textiles, and challenge long-held assumptions about textile and apparel manufacturing and business.

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### Editor-in-Chief

Prof. Dr. Jintu Fan

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