

## Special Issue

# Sustainable Colouration and Functional Finishing of Textiles

### Message from the Guest Editors

Sustainable colouration and functional finishing of textiles has received tremendous attention, both from academia and industry. With the increasing concern on human health and environmental issues related to textiles, as well as the growing demand for multifunctional and customized textiles, a variety of advanced and sustainable materials and technologies are incorporated to the production of textiles. The materials, including bio-degradable reagents and polymers, nanomaterials, catalysts, conductive composites, etc., impart textiles with safety and new functions. The sustainable technologies involving inkjet printing, supercritical carbon dioxide, microwave, ultrasound, UV irradiation, etc., enables higher processing efficiency, with reduced energy, water, and time consumption, and also promotes the performance of materials. However, how to enhance the compatibility of these advanced materials and technologies for textiles processing towards optimal performances, remains in-depth, comprehensive, and interdisciplinary studies. This Special Issue covers these topics and focuses on the establishment of material–process–performance relationships.

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### Deadline for manuscript submissions

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## Materials

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