

## Special Issue

# Innovative Textiles in the Era of Circular Economy

### Message from the Guest Editor

This Special Issue aims to promote papers related to the textile field aiming at the development of a range of sustainable processes, technologies, products, and actions for the improvement of human wellbeing and social equity, significantly reducing environmental risks and ecological shortcomings related to the development of textile products. In the Special Issue, we want to address, in particular, but not exclusively, recent advances in the following topics:

- Circular Economy approaches for the textile industry;
- Design of new generation of yarns, fabrics, and garments;
- Design of fashion textile products using regenerated wool;
- Design of textile products using sustainable materials (e.g., organic cotton);
- Design of textile products improving health and wellness;
- Ecofriendly processes for fabric manufacturing (including dyeing and finishing)'
- Life Cycle Assessment of textiles manufacturing;
- Sustainable processes;
- Environment impact of the textile industry;
- Textile waste management;
- Smart materials;
- Bio-based materials;
- Smart processes;
- New generation of yarns and fabrics quality assessment systems;
- Sustainable nonwoven fabrics.

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### Guest Editor

Dr. Rocco Furferi

Department of Industrial Engineering, University of Florence, 50139 Florence, Italy

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### Deadline for manuscript submissions

closed (28 February 2021)



## Applied Sciences

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Impact Factor 2.5  
CiteScore 5.5



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## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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