



Sustainable Textiles and Garments in the Context of a Circular Economy: Extended Use, Material Circulation and New Business Understanding

Guest Editors:

Prof. Dr. Kirsi Niinimäki

Department of Design, School of Arts, Design and Architecture, Aalto University, 02150 Espoo, Finland

Dr. Natalia Moreira

Department of Design, School of Arts, Design and Architecture, Aalto University, 02150 Espoo, Finland

Deadline for manuscript submissions:

closed (30 November 2022)

Message from the Guest Editors

Lately, the pressure to change industrial practices in the fashion and textile industry toward more sustainable ones has been a burning issue not only in academic investigations but also in public discourse.

To slow the material throughput in the system and to lower the environmental impacts of fashion and textiles, we must construct a new system level understanding and create a shift from linear (take, make, dispose) to circular thinking through the following approaches: narrowing (efficiency), closing (recycling), and slowing (reusing) (Bocken et al. 2018). Sustainable transformation needs fundamental changes at all levels in the fashion and textile system: deceleration of manufacturing and consumption, new business models, new design strategies, extended producer responsibility, and reverse logistics (Niinimäki et al. 2020). Therefore, new knowledge is needed at all levels in the fashion/textile system from materials, design and manufacturing practices, garments' lifetimes, new business models, and conscious consumer behavior.

This Special Issue will focus on sustainable textile and fashion in the context of a circular economy.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and
Applied Science, University of
Ontario Institute of Technology,
Oshawa, ON L1G 0C5, Canada

Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, AGRIS, RePEc, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (Geography, Planning and Development)

Contact Us

Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](https://twitter.com/Sus_MDPI)