



## Environmentally-sustainable Flame Retardant and Heat Resistant Fibres and Textiles

Guest Editor:

**Prof. Dr. A. Richard Horrocks**

Institute for Materials Research  
and Innovation, University of  
Bolton, Bolton, UK

Deadline for manuscript  
submissions:  
**closed (31 March 2019)**

### Message from the Guest Editor

Dear Colleagues,

This Special Issue invites papers that focus on environmental sustainability as it relates to heat and/or flame resistant fibre production and processing, and the influence these have on the final structures or products that comprise them. Specific areas include:

- Development of heat and/or flame resistant, fibre-forming biopolymers;
- Synthesis and application of biodegradable fibre-forming polymers with heat and/or flame resistance;
- Environmentally sustainable flame retardant additives and treatments –synthesis, processing and application;
- Development of high performance, heat and flame resistant fibres based on environmentally-sustainable precursors and processes (including ceramic-based and other inorganic fibres)

I hope that this Special Issue will provide both a snapshot of the state of knowledge within this area and a basis for future research.





*fibers*



an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Martin J. D. Clift**

In Vitro Toxicology Group,  
Institute of Life Sciences 1,  
Swansea University Medical  
School (SUMS), Swansea SA2  
8PP, Wales, UK

## Message from the Editor-in-Chief

*Fibers* is intended as an integrative platform, bringing together specialists with expertise concerning a large range of biological, synthetic, metallic and mineral fibers. The intent is to bring together scientists who would otherwise be unlikely to encounter each other's findings. By facilitating communication across specialties, the journal will advance understanding of the underlying commonality of many physical and chemical aspects of fibers.

We welcome submission of manuscripts from a diverse range of disciplines relating to many types of fibers utilizing a variety of research approaches.

## Author Benefits

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

**High Visibility:** indexed within Scopus, ESCI (Web of Science), PubAg, CAPlus / SciFinder, Inspec, and other databases.

**Journal Rank:** JCR - Q2 (*Materials Science, Multidisciplinary*) / CiteScore - Q1 (Civil and Structural Engineering)

## Contact Us

---

*Fibers* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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

mdpi.com/journal/fibers  
fibers@mdpi.com  
X@JFibers