



Sustainable Flame-Retardant Polymeric Composites

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Message from the Guest Editors

Interest in sustainable, multifunctional, flame-retardant polymers has been steadily increasing over the last two decades; correspondingly, the number of flame-retardant bio-based materials available has been increasing. In addition, rising environmental concerns and depletion of petrochemical resources has resulted in increasing interest in renewable/biodegradable/bio-based polymeric materials. The field of multifunctional, fire-safe, and sustainable materials, with all its traditionalism and multidisciplinary, has profited from these developments. Full papers, review articles, and communications are all welcome. Topics considered for this Special Issue include, but are not limited to, the following: (1) sustainable polymers and corresponding flame-retardant nanocomposites; (2) flame-retardant phase-change materials; (3) flame-retardant energy-storage materials; (4) eco-benign, multifunctional, fire-retardant materials; (5) fire behaviours and fire-retardant mechanisms; (6) flame-retardant polymeric nanocomposites processing and manufacturing; (7) high-performance bio-based flame-retardant polymers and composites.





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