



Editorial

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Preface

It is my pleasure to present the inaugural issue of Ecological and Sustainable Materials Connect. This new journal aims to provide a platform for researchers, scientists, engineers, and practitioners across various fields who are committed to developing sustainable solutions and improving design options to create better sustainable societies and produce efficient, eco-friendly bio-products in the future. We aim to foster multidisciplinary cooperation, facilitate the exchange of innovative ideas, and promote the research and practical application of ecological and sustainable materials, particularly the development of functional composite materials derived from lignocellulosic sources.

Ecological and Sustainable Materials Connect is guided by the idea that sustainable materials will remain at the center of ecological practices and sustainability activities. We are committed to establishing this as a premier, peer-reviewed journal that addresses the diverse and ever-evolving needs of the sustainable composites community. Published by *Scifiniti*, the journal aims to foster interdisciplinary collaboration and provide a platform for innovative research that contributes to the development of improved, sustainable, and functional products and, ultimately, to a higher quality of life.

Ecological and Sustainable Materials Connect will be of extensive scope encompassing but not limited to, lignocellulosic materials, natural fiber composites, polymeric composites, bioplastics and biopolymers, ecological materials, materials for energy saving/harvesting/storage, antibacterial packaging, sustainable materials for functional bio-products, sustainable materials for electronics/bio-sensors/smart wearables, sustainable building materials, materials modeling, materials selection, design for circular economy, life cycle assessment, and artificial intelligence in sustainable materials. We accept original research papers, review articles, perspectives, and commentaries that contribute to the development of ecological and sustainable materials science. We aim to build an environment of a vibrant and creative community that challenges traditional thought processes through encouraging interdisciplinary research and cooperation.

I consider myself fortunate to serve as Editor-in-Chief of this journal, working alongside a dedicated Editorial Board and benefiting from our extensive network of distinguished reviewers. We share a common objective, i.e., to maintain the highest possible standards of scientific integrity and rigor. I extend an invitation to researchers worldwide to participate in this compelling endeavor and contribute their valuable insights and findings to Ecological and Sustainable Materials Connect.

I appreciate your encouragement and trust that this journal will serve as both a scientific resource and an inspiring guide for our readers.

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