

## Special Issue

# Sustainable Materials Based on Responsive and Smart Polymers

### Message from the Guest Editors

In this Special Issue, our aim is to bring together theoretical and experimental studies on polymer science whose primary objective is to guide material design via insight into smartly responsive soft materials necessary for future applications both within and outside academia, such as in energy storage, agriculture, controlled release, structural materials, biomaterials, additive manufacturing, water harvesting, membranes, wearable electronics, etc.

Original research articles and reviews are welcome. Research areas may include, but are not limited to, the following: Stimuli-responsive (bio)polymers and nanocomposites; Dynamic networks and supramolecular polymers; Responsive hydrogels from sustainable resources; Smart superabsorbent hydrogels for agriculture; Smart polymer electrolytes for batteries; Mechanically responsive polymers and nanocomposites; Shape-memory polymers; Self-healing stretchable polymers; Lignocellulosic nanomaterials; Recycling and upcycling of polymers.

We look forward to receiving your contributions.

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### Guest Editors

Dr. Erkan Senses

Chemical and Biological Engineering, Koç University, İstanbul 34450, Türkiye

Dr. Tadanori Koga

Department of Materials Science & Chemical Engineering, Stony Brook University, Stony Brook, NY 11794-2275, USA

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### Deadline for manuscript submissions

closed (16 May 2024)



## Sustainability

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)

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# About the Journal

## 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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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.

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## Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,  
Columbus, OH 43210, USA

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