

## Special Issue

# Sustainable Engineering Design and Sustainable Development

### Message from the Guest Editors

Engineering design (ED) is the process of solving technical problems within requirements and constraints to create new artifacts. The concept of sustainability needs to be understood from a variety of perspectives, from the scarcity of natural resources to gendered design. Today, engineering design practices are still largely built around linear processes, which is detrimental to sustainable development. The variety of discourses regarding sustainable development in academia are closely related to how different practices and fields need their respective perspectives, concepts, and models of what is sustainable to them. However, regardless of the application, an effective sustainability design must consider economic, environmental, and social goals over long-term time horizons. It requires communication across all stakeholders. This Special Issue welcomes theoretical and practical research of sustainable engineering design.

- Design for sustainable materials;
- Consumer perspective on sustainability;
- Circularity and sustainability;
- Integration of sustainability into our business processes—approaches and certificates;
- Sustainability is more than ecology.

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### Guest Editors

Dr. Kostas Styliadis

Prof. Dr. Bastian Quattelbaum

Dr. Simon Schütte

Dr. Fredrik Henriksson

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### Deadline for manuscript submissions

closed (25 July 2023)



## Sustainability

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### 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.

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### Editor-in-Chief

Prof. Dr. Marc A. Rosen

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