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Environmental Sustainability-Life Cycle Assessment-Energy and Environmental Technology

Guest Editor:

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Message from the Guest Editor

Environmental pressures acting at global scale have long drawn the attention of the academic community and decision- and policy-makers and the general public. The effects of climate change are just a typical example of environmental pressures acting on a global scale and suggest the need for identifying and quantifying the effect of human activities on the environment. Water, air, and soil pollution also comprise problems of emerging environmental concern. To effectively address environmental pressures, tools should be employed. Among the existing methods, the life cycle assessment (LCA) methodology has emerged as a promising tool. As such, this Special Issue will aim to shed light on the environmental sustainability of various engineering processes and on sustainable production and consumption patterns by making use of robust tools. Furthermore, focus is also placed on energy generation and renewable energy technologies, since currently, the global energy mix is fossil-fuel-dependent, thus having a huge impact on the environment and human health. Works dealing with the treatment, depollution, and environmental remediation of soil, air, and water are also encouraged.

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Message from the Editor-in-Chief

Environmental issues are quickly becoming central political, economic and academic topics of the twenty-first century. A large number of modern challenges are directly or indirectly caused by complex interactions between environmental issues. Such issues require interdisciplinary research, knowledge and insights to understand and, ultimately, for solutions to be found. Through the journal Environments, we strive to create a platform for meaningful discourse by accepting contributions from a wide range of fields. We sincerely hope you will consider publishing your distinguished work in this highly-accessible, peer-reviewed journal.

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