



Novel Developments in Advanced Materials and Technologies for Sustainable Environment

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Message from the Guest Editors

The society is currently facing two major aspects: on the one hand an alarming increases in the requirements of high-performance new materials and products and, on the other hand, the need to achieve and operate them according to the environmental requirements of non-pollution of the environment. As a result, the researchers' efforts are directed towards the creation of new alternative materials for a sustainable environment and developing sustainable and ecological processes that satisfy (i) the performances of these materials and products according to their applications, (ii) to have low –costs (price/quality ratio as low as possible), and (iii) to have an as little harmful impact as possible on the environment. Also, another important aspect is that the entire planet faces a continuous growth of the human population, which stress the ecosystem through the alarming level of environmental pollution, with waste resulting from energy-consuming technologies and fossil fuels, as well as poor management of domestic and industrial waste.

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