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Let Us Print an Ecology in 3D

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Deadline for manuscript submissions:
closed (20 March 2024)

Message from the Guest Editors

Dear Colleagues,

This Special Issue is dedicated to 3D-printed materials and 3D printing technologies that can be included in a set of solutions in support of the environment, long-term environmental strategies for achieving sustainable development and the circular economy. In this Special Issue, we welcome articles providing an overview of the history of 3D printing or explaining how modern, ecofriendly ways of merging materials together layer by layer create objects from 3D model data.

The significance of the reduction in different material technologies imposing negative impacts on people and the environment can be underlined in the context of 3D-printed "green" alternatives for materials. Articles concerning strategies for sustainably sourcing 3D printing materials from natural or waste sources and the development of 3D technologies for functional materials for a range of applications are encouraged.

All articles in this Special Issue are expected to create a collection of papers on the very hot topic of green technologies and man-made materials that are "greener", thus, protecting the natural environment for future generations.

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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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