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Experimental Research and Computational Analysis of Eco- and Bio-Materials

Guest Editors:

Dr. Tomasz Garbowski

Faculty of Environmental and
Mechanical Engineering, Poznan
University of Life Sciences,
Wojska Polskiego 50, 60-637
Poznan, Poland

Dr. Aleksander Marek

Faculty of Engineering and
Physical Sciences, University of
Southampton, Highfield Road,
Southampton SO17 1BJ, UK

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Message from the Guest Editors

Dear Colleagues,

This Special Issue of *Materials* is devoted to experimental research and computational analysis of eco- and biomaterials. Biomaterials belong to the family of materials of biological origin, which includes, inter alia, wood-based materials, corrugated cardboard, but also synthetic and natural materials that may come into direct contact with organic tissues. The family of ecomaterials, on the other hand, includes both construction materials and textiles.

The main areas of interest for this Special Issue are, among others, the following: mechanical characteristics and strength estimation methods, numerical and analytical homogenization techniques, laboratory research methods, linear and nonlinear analysis of any structures made of bio- and eco- or composite materials, laminated and corrugated materials, and fibrous materials. *Materials* readers and authors are encouraged to submit their latest research in these areas, with an emphasis on experimental validation and empirical evidence in all areas related to the mechanical behavior of these materials.

Prof. Dr. Tomasz Garbowski
Dr. Aleksander Marek
Guest Editors



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Special Issue



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Editor-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

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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Contact Us

Materials Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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