

Special Issue

Smart and Innovative Building Materials for Civil and Military Applications

Message from the Guest Editors

The development of dual use solutions, for civil and military applications, is one of the main drivers for research on innovative and smart materials. In fact, with the increase of terrorist and pandemic phenomena over the last few decades, most of the solutions under development are thought to fit the requirements of both areas. Blast protection, CBRN protection, phase change materials, self-cleaning and self-healing materials, shape memory alloys, magneto- and electrorheological materials, piezoelectric materials, and thermochromic and electrochromic materials are just some examples of the topics being covered in this Special Issue.

Guest Editors

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Prof. António Gomes Correia

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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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