

Special Issue

Erosion Resistance of Materials

Message from the Guest Editor

Material degradation caused by erosion processes concerns many elements and machines. This occurs in water turbines and pumps, steam turbines, as well as wind turbines, i.e., machines working in the so-called renewable energy. Devices from the automotive and even aviation industries are also exposed to such destruction processes. Thus, they relate to key industries. Knowledge about the degradation process, as well as methods of reducing the speed of such degradation and modeling of erosive processes are important for the efficiency of production and development of these types of industry. They are also important for the protection of the environment due to the reduction in repair frequency. The aim of the Special Issue is to present knowledge about the mentioned aspects.

Guest Editor

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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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