

Special Issue

Research on Non-destructive Testing in Civil Engineering Materials

Message from the Guest Editor

Diagnostics of engineering structures is a research area being developed nowadays very rapidly in many research centers. The measurement techniques and linear computational analyses, well-established and used for many years, are in most cases sufficient tools to diagnose typical buildings. However, more sophisticated or even unique non-destructive methods of materials and structures testing, custom nonlinear numerical models or techniques of analysis at different levels of precision, are sometimes required in the case of the analysis of some extraordinary buildings. From this reasons the aim of this Special Issue is to gather the experience of researchers in the latest advances and trends in the field of non-destructive testing in civil engineering in the field of both materials and structures. Papers including modeling and computational analyses to support non-destructive testing and SHM systems will be especially appreciated.

Guest Editor

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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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