

Topical Collection

Nondestructive Testing (NDT)

Message from the Collection Editors

This Topical Collection is the continuation of our previous Special Issues “[Nondestructive Testing \(NDT\)](#)” and “[Nondestructive Testing \(NDT\): Volume II](#)”. Due to the unavoidable aging and deterioration of materials, the efficient maintenance of civil structures and infrastructures is becoming a major issue for public and private institutions. As a matter of fact, the structural conditions of built heritage affect both safety and economic aspects. In this context, structural health monitoring (SHM) is emerging as a crucial research field, able to provide vital information regarding the damage levels of structures and materials. The aim of this Topical Collection is to reunite researchers working in the field of NDT-SHM, both at the material and structure scale. We expect this issue to provide novel insights on the application of NDT to a wide variety of materials (concrete, steel, masonry, composites, etc.) in the field of Civil Engineering and Architecture. Both experimental and numerical studies are welcome.

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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