



## Non-destructive Testing of Materials in Civil Engineering

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### Message from the Guest Editor

Dear colleagues,

The current trend in the development of non-destructive testing in civil engineering is mainly for the detection of flaws and defects in concrete elements and structures, and acoustic methods predominate in this field. Much attention has been devoted to acoustic techniques because they have been greatly developed in recent years and there is a clear trend towards acquiring information about a tested element or structure from acoustic signals processed by proper software using complex data analysis algorithms. Another trend in the development of nondestructive techniques is towards assessing characteristics other than strength in elements or structures, particularly the ones made of concrete or reinforced concrete.

This Special Issue is open to new advances in non-destructive testing of materials in civil engineering, involving:

- detecting defects invisible on the surface,
- estimating the depth of cracks,
- determining the dimensions of elements accessible from one side only
- 2D and 3D imaging of reinforcement distribution in elements.





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## Message from the Editor-in-Chief

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