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Nondestructive Sensing in Civil Engineering

Guest Editor:

Prof. Dr. Goran Turk
Faculty of Civil and Geodetic
Engineering, University of
Ljubljana, Ljubljana, Slovenia

Deadline for manuscript
submissions:
closed (31 January 2022)

Message from the Guest Editor

The main objective of this Special issue is to present the latest achievements in the field of non-destructive testing of different types of civil engineering structures. For example, studies dealing with the ability to use different non-destructive techniques to analyze concrete properties (e.g., compressive strength, amount of chloride ions within the concrete structure) or state of reinforcement (e.g., degree of corrosion, corrosion potential, depth of concrete cover) would be of great interest. Descriptions of using such techniques on real structures (e.g., reinforced concrete bridges, steel or timber bridges) is preferable, showing the advantages and weaknesses of the techniques. The possibility of using different advanced numerical models and/or artificial intelligence techniques in combination with the results of non-destructive techniques is also very interesting.

Reports on investigations related to the issues as explained above are very welcome in this Special Issue of *Sensors*.



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Special Issue



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Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria
Elettrica e dell'Informazione
(Department of Electrical and
Information Engineering),
Politecnico di Bari, Via Edoardo
Orabona n. 4, 70125 Bari, Italy

Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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Contact Us

Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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